

# Plateau Remediation Contract

U.S. Department of Energy, Hanford Site



Solicitation Number DE-RP06-07RL14788

Source Evaluation Board Report

To

James Owendoff  
Chief Operations Officer, EM-3  
Office of Environmental Management, DOE-HQ  
Source Selection Official

June 5, 2008

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THIS REPORT COVERS THE EVALUATION BY THE SOURCE EVALUATION BOARD

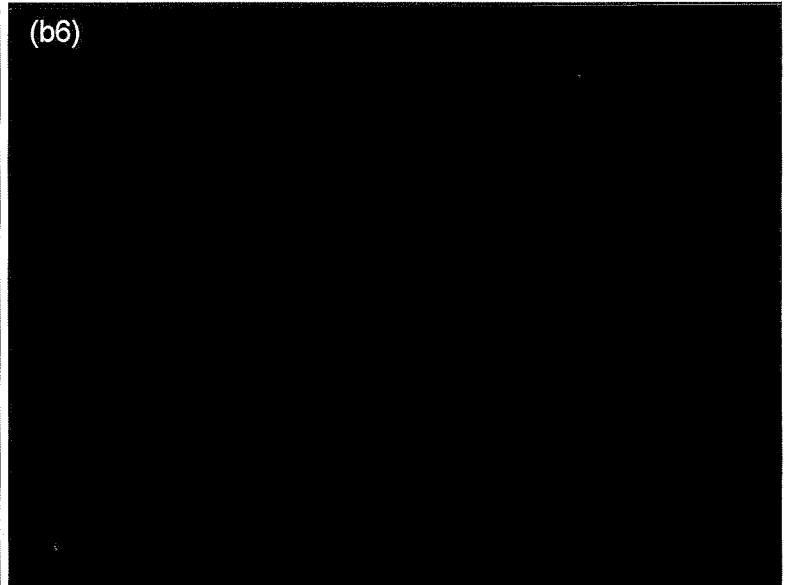
FOR THE

U.S. DEPARTMENT OF ENERGY (DOE)  
RICHLAND OPERATIONS OFFICE (RL)  
PLATEAU REMEDIATION CONTRACT  
SOLICITATION NO. DE-RP06-07RL14788

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SOURCE SELECTION INFORMATION – SEE FAR 2.101 & 3.104  
TO BE OPENED BY ADDRESSEE ONLY

The Source Evaluation Board (SEB) respectfully submits this report to the Source Selection Official (SSO) for his consideration. This SEB report represents the consensus of the voting members of the SEB.



Source Evaluation Board (SEB) Membership

Pursuant to Federal Acquisition Regulation (FAR) Part 15 and Department of Energy Acquisition Regulation (DEAR) Part 915, the following individuals were designated to serve as SEB members for selection of a contractor to continue the environmental cleanup of select portions of the Hanford Site:

SEB Position	Name	DOE Position
Chairperson (Voting)		
Member (Voting)		
Contracting Officer (Voting)		
Legal Counsel (Non-Voting)		
Cost/Price Analysis (Non-Voting)		

The following DOE and federal staff supported the SEB members as non-voting advisors:

SEB Advisors	Name	DOE Position
Cost/Price Analysis and Cost Realism Subject Matter Experts (SMEs)		
Other SMEs – Technical		
Other SMEs – ESH&Q		
Other SMEs – Business		
Alternate Legal Counsel		
Ex-Officio Member		
Ex-Officio Member		

(S) (b6)

SEB Advisors	Name	DOE Position
Ex-Officio Member	[REDACTED]	
Ex-Officio Member		
Ex-Officio Member		
Ex-Officio Member		
Ex-Officio Member		
Ex-Officio Member		
Ex-Officio Member		
Ex-Officio Member		

(b6)



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## ABBREVIATIONS AND ACRONYMS

A.S.	Associate of Science
B.S.	Bachelor of Science
BOE	Basis of Estimate
CDI	Canyon Disposition Initiative
CDR	Conceptual Design Report
CEIS	Cost Estimating Input Sheets
CEO	Chief Executive Officer
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CH	Contact Handled (waste)
CLIN	Contract Line Item Number
CO	Contracting Officer
CPOF	Conditional Payment of Fee
CPRC	CH2M HILL Plateau Remediation Company, Inc.
CRD	Cost Reference Data
CSA	Comparative Selection Advantage
CWC	Central Waste Complex
D&D	Deactivation and Decommissioning
D4	Deactivation, Decontamination, Decommissioning, and Demolition
DART	Days Away, Restricted, or Transferred
DEAR	Department of Energy Acquisition Regulation
DoD/DOD	Department of Defense
DOE	U.S. Department of Energy
DOE-HQ	U.S. Department of Energy, Headquarters
DOE-ORP	U.S. Department of Energy, Office of River Protection
DOE-RL	U.S. Department of Energy, Richland Operations Office
DQO	Data Quality Objectives
DSA	Documented Safety Analysis
EIR	External Independent Review
EM	DOE Office of Environmental Management
EMS	Environmental Management System
EPA	Environmental Protection Agency
ERDF	Environmental Restoration Disposal Facility
ERM	Environmental Regulatory Management
ESH&Q	Environment, Safety, Health, and Quality
EVMS	Earned Value Management System
FAR	Federal Acquisition Regulation
FFTF	Fast Flux Test Facility
FHI	Fluor Hanford, Inc.
FOCI	Foreign Ownership, Control, or Influence
FP	Formal Presentation
FPF	Fuel Preparation Facility
FTE	Full-time Equivalent Employee
FY	Fiscal Year
G&A	General and Administrative
GFS/I	Government-Furnished Services and Information

gpm	gallons per minute
HAMTC	Hanford Atomic Metal Trades Council
HPI	Human Performance Improvement
HUBZone	Historically Underutilized Business Zone
HVAC	Heating, Ventilation, and Air Conditioning
IBR	Initial Baseline Review
IDF	Integrated Disposal Facility
IIPS	Industry Interactive Procurement System
INPO	Institute for Nuclear Power Operators
ISC	Interim Storage Casks
ISMS	Integrated Safety Management System
ISS	Interim Safe Storage
KP	Key Personnel
lf	linear foot
LLW	Low-Level Waste
LM	Legacy Management
M&EC	East Tennessee Materials & Energy Corporation, Inc
MESC	Maintain Existing Soil Cover
M.S.	Master of Science
M3	Cubic Meters
MLLW	Mixed Low-Level Waste
MPC	Most Probable Cost
MSC	Mission Support Contract
NDE	Non-destructive Examination
NRDWL	Nonradioactive Dangerous Waste Landfill
O&M	Operations and Maintenance
OBS	Organizational Breakdown Structure
OCI	Organizational Conflict of Interest
OCI	Organizational Conflict of Interest
ORCA	Online Representation and Certifications Application
OSHA	Occupational Safety and Health Administration
OU	Operable Units
P&T	Pump and Treat
P3	Primavera Project Planner (scheduling software)
PAAA	Price Anderson Act Amendments
PBS	Project Baseline Summary
PCSD	Project Control System Description
PEP	Project Execution Plan
PFP	Plutonium Finishing Plant
PHMC	Project Hanford Management Contract
PM	Project Manager
PMB	Performance Measurement Baseline
PO	Purchase Order
POC	Point of Contact
PPIRS	Past Performance Information Retrieval System
PRC	Plateau Remediation Contract
PS	Problem Scenario
PT&C	Project Time and Cost

Plateau Remediation Contract (PRC)  
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RAWP	Remedial Action Work Plan
RCCC	River Corridor Closure Contract
RCT	Radiological Control Technician
RD/RAWP	Remedial Design/Remedial Action Work Plan
RFP	Request for Proposals
RH	Remote Handled
RMA	Rocky Mountain Arsenal
ROD	Record of Decision
RSM	Ranking and Sequencing Model
RTD	Remove, Treat, and Dispose
S&M	Surveillance and Maintenance
SAP	Sampling Analysis Plan
SB	Small Business
SBSP	Small Business Subcontracting Plan
SDB	Small Disadvantaged Business
SEB	Source Evaluation Board
SES	Security and Emergency Services
sf	square foot
SF	Standard Form
SME	Subject Matter Expert
SNF	Spent Nuclear Fuel
SNM	Special Nuclear Material
SOW	Statement of Work
SSO	Source Selection Official
SSP	Source Selection Plan
SWB	Standard Waste Boxes
TOC	Tank Operations Contract
TPA	Tri-Party Agreement
TRC	Total Recordable Case
TRU	Transuranic (waste)
TRUPACK	Transuranic Package Transporter
TSR	Technical Safety Requirements
VOSB	Veteran-Owned Small Business
VPP	Voluntary Protection Program
VPU	Vertical Pipe Unit
WBS	Work Breakdown Structure
WCH	Washington Closure Hanford
WESF	Waste Encapsulation and Storage Facility
WIPP	Waste Isolation Project Plant
WRAP	Waste Receiving and Processing (Facility)
WVDP	West Valley Demonstration Project

I. SUMMARY OF EVALUATION RESULTS

The SEB evaluated and rated adjectively each proposal according to the technical and management evaluation factors listed in Section M of the Request for Proposals (RFP). As provided for in the Source Selection Plan (SSP), the adjectival ratings in order from worst to best are: unsatisfactory, marginal, satisfactory, very good, and excellent, as defined and applied in Table III-3, *Adjectival Rating Definitions*. The adjectival ratings take into consideration the quantity, nature, and significance of identified strengths and weaknesses.

In accordance with Section M, Solicitation Provision M.5, *Overall Relative Importance of Evaluation Factors*, evaluation factors A, B, and C are listed in descending order of importance. Within this descending order of importance, individual evaluation factors A and B were significantly more important than individual evaluation factor C. Individual evaluation factors C and D were equivalent. Individual evaluation factors E and F were equivalent. Individual evaluation factors C and D were each significantly more important than individual evaluation factors E and F.

The cost and fee proposal was evaluated against the cost and fee evaluation factor G and considered in the overall evaluation of proposals in determining the best value and most advantageous to the Government in accordance with Section M, Provision M.2, *Basis for Contract Award*, of this Solicitation. Table I-1 summarizes the results:

**Table I-1. Summary of Evaluation Results**

<b>Technical and Management Factors</b>		<b>CPRC</b>	(b3)
A	Technical and Management Approach		(b5)
B	Organizational Structure and Key Personnel		
C	Environment, Safety, Health, and Quality		
D	Project Management		
E	Past Performance		
F	Experience		
<b>Evaluated Price Factor</b>		<b>CPRC</b>	(b3) (b4)
G	Cost and Fee (Evaluated Price – \$ in K)		

The relative order of importance of the technical and management evaluation factors A, B, C, D, E, and F are represented visually above, both by font size and indenture. The cost and fee proposal was not adjectively rated or point scored, but was considered in the overall evaluation of proposals in determining the best value to the Government. In determining best value to the Government, the technical and management evaluation criteria are significantly more important than the evaluated price.

## II. INTRODUCTION

This section is divided into six subsections: (a) Designation of Source Selection Official and Source Selection Board; (b) Description of Acquisition and Solicitation; (c) Information Exchanges with Industry; (d) Acquisition Chronology; (e) Solicitation and Amendments; and (f) Offers Received.

### (a) Designation of Source Selection Official and Source Selection Board

On December 12, 2005, Mr. Richard H. Hopf, former DOE-HQ Director, Office of Procurement and Assistance Management, delegated SSO authority for this acquisition to Mr. Keith A. Klein, the former DOE-RL manager. Mr. Klein designated the SEB members for this acquisition on March 21, 2006. In an email message to Mr. Edward R. Simpson, DOE-HQ Director, Office of Procurement and Assistance Management, on March 21, 2007, Mr. Klein requested that he be removed as SSO for this acquisition because he would be retiring from Federal service at the end of May. On June 21, 2007, Mr. Edward R. Simpson delegated SSO authority to Mr. James H. Owendoff, EM-3. The SSP was approved by Mr. Owendoff prior to the receipt of proposals on September 21, 2007.

### (b) Description of Acquisition and Solicitation

The purpose of the PRC is to continue the environmental cleanup of select portions of the DOE Hanford Site. The contractor has the responsibility for determining the specific methods and approaches for accomplishing the identified work. The Contract applies performance-based contracting approaches and expects the contractor to implement techniques that emphasize safe, efficient, and measurable results. Except for identified government-furnished services and information (GFS/I), the contractor is required to provide all personnel, facilities, equipment, materials, services, and supplies to complete the Contract workscope.

The workscope for this Contract includes:

**Plutonium Finishing Plant (PFP) Closure.** Provide safe and compliant storage of special nuclear material (SNM) at PFP until it has been removed from the PFP complex; operate and maintain the PFP facilities and associated waste sites, structures, operating systems and equipment, and monitoring systems in a safe, compliant, and energy-efficient manner within the authorization envelope; maintain radiological control and access control to ensure personnel safety; remove SNM from PFP and transport to an assigned location; demolish PFP complex facilities to slab-on-grade condition; and prepare, package, and dispose of waste streams, as required.

**Waste Treatment and Disposal.** Perform activities necessary for safe and secure underwater storage of cesium and strontium capsules, and storage of spent nuclear fuels (SNF); liquid waste storage and treatment; waste storage and disposal; low-level waste (LLW) and mixed low-level waste (MLLW) treatment; transuranic (TRU) waste certification support; waste retrieval; Tri-Party Agreement (TPA) milestone M-91 upgrades to T Plant; and overall facility operations.

**Groundwater/Vadose Zone Project.** Perform groundwater and ecological sampling and monitoring, well installation, well maintenance, borehole logging, ongoing/new remedy operations, and well decommissioning.

**Facility and Waste Site Minimum Safe/Surveillance and Maintenance (S&M).** Perform activities necessary for Hanford Site structures and waste sites identified in the Section J Attachment, *Supplemental Work Description Tables*.

**Fast Flux Test Facility (FFTF).** Maintain FFTF in a safe and compliant manner and perform near-term shutdown activities.

**Geographical Zone Remediation.** Remediate and close U Plant and Nonradioactive Dangerous Waste Landfill (NRDWL)/BC control geographical zones.

**Groundwater, Soil, and Facility Regulatory Decision/Other Documents.** Characterize assigned waste sites and facilities, complete analysis of remediation options, and prepare required regulatory and other decision documents necessary to implement remedial actions.

**100 K Area.** Maintain 100 K Area in a safe and compliant manner; dewater K-East Basin; demolish K-East Basin and superstructure; complete procurement, construction, and acceptance testing of the K Basin Sludge Treatment System; treat the balance of K Basin sludge; dewater K-West Basin; demolish K-West Basin and superstructure; place K-East and K-West reactors in an interim safe storage (ISS) configuration; and remediate and close the remainder of the 100 K Area.

**618-10 and 618-11 Burial Grounds.** Initiate and complete field remediation and other waste disposition activities for the 618-10 and 618-11 burial grounds.

In addition to the above activities, the PRC may also perform (on a funding available basis):

- Remediation and closure of other specified geographical zones
- Transfer of cesium and strontium capsules from Waste Encapsulation and Storage Facility (WESF) to dry storage
- Operation of the Environmental Restoration Disposal Facility (ERDF)
- Design of the Fuel Preparation Facility
- Design and construction of alternate transuranic package transporter (TRUPACT) loadout capability

The Government intends to award a cost-plus-award fee contract resulting from this Solicitation.

(c) Information Exchanges with Industry

Subsequent to the issuance of the draft Solicitation on November 17, 2006, DOE conducted one-on-one information exchanges with industry for the purposes described in FAR 15.201(b).



In this information exchange, DOE met with 15 firms at the Hanford Site from December 12-15, 2006. DOE considered all recommendations received on the draft Solicitation from the industry information exchanges. The draft Solicitation was revised, as appropriate, to incorporate the industry recommendations, consistent with programmatic and acquisition objectives.

(d) Acquisition Chronology

A chronology of the acquisition is as follows:

11/17/06 – Draft Solicitation issued  
12/15/06 – Completed information exchanges with industry  
06/25/07 – Final Solicitation issued  
09/21/07 – Proposals received  
10/19/07 – Oral presentations completed (attended by SSO and SEB)

(e) Solicitation and Amendments

DOE utilized a draft Solicitation, an information exchange with industry review process, and a final Solicitation in this acquisition. The Solicitation (final and draft), amendments, and questions/answers were posted on the DOE Industry Interactive Procurement System (IIPS) e-Center website. The website was the sole distribution medium for the Solicitation and was used to provide all pertinent acquisition information.

Six Solicitation amendments were issued under the final Solicitation:

**Amendment A001 (June 25, 2007)** – Corrected the proposal due date from a weekend day to a working day.

**Amendment A002 (July 3, 2007)** – Amended Sections J and L of the final Solicitation to clarify the Solicitation. The most significant changes incorporated by this amendment included revisions to Attachments J.13 and J.14 entitled *Hanford Site Structures List* and *Hanford Waste Site Assignment List*, respectively, and incorporating attachments to Section J and Section L that had not previously been provided with the Solicitation.

**Amendment A003 (July 13, 2007)** – Amended Section L of the final Solicitation to further clarify the Solicitation. The most significant changes incorporated by this amendment included revisions to two L-8 Attachments entitled *Structures Supplemental Instructions Table* and *Waste Site Supplemental Instructions Table*, and incorporating another L-8 Attachment entitled *Structures, Waste Site, Pipeline, and Barrier Parameter Table*, which had not previously been provided with the Solicitation.

**Amendment A004 (August 15, 2007)** – Amended Sections B, C, H, J, L, and M of the final Solicitation to further clarify the Solicitation and incorporate minor revisions to the Statement of Work (SOW). The most significant changes incorporated by this amendment included changing Offeror instructions in Section L to require that the Offeror's technical proposal be consistent with the narrative descriptions contained in the

work breakdown schedule (WBS) dictionary provided as an L-8 Attachment, and to incorporate language in Factor B of Sections L and M, requiring the Offeror's key personnel team to demonstrate knowledge of the proposed strategy and approach to Factor D, *Project Management*, during the oral presentation.

**Amendment A005 (August 27, 2007)** – Amended Sections B, J, and L of the final Solicitation to further clarify the Solicitation. The most significant changes incorporated by this amendment included changing the designation of the ERDF from contract line item number (CLIN) 4 to CLIN 3, and changing instructions in Section L to remove the requirement to prepare a factor A strategy and approach where the value for a WBS element within the Section L Attachment at L-4 entitled *Work Breakdown Structure/Cost Data* was provided by the Government.

**Amendment A006 (September 18, 2007)** – Amended Section L of the final Solicitation to further clarify the Solicitation. The only change made was deleting the first sentence of Section L Provision L.17, *Proposal Preparation Instructions – Cover Letter and Volume I, Offer and Other Documents*.

A summary of the six amendments are included in Appendix 1 of this report.

(f) Offers Received

DOE received two offers in response to the Solicitation, as shown in Table II-1, *Offeror Teams*.

**Table II-1. Offeror Teams**

Offeror	Team Members
CH2M HILL Plateau Remediation Company, LLC  A newly formed company wholly owned by CH2M HILL Constructors, Inc. (CH2M HILL)  (referred to in this report as "CPRC")	Pre-selected subcontractors: <ul style="list-style-type: none"> <li>• AREVA Federal Services, LLC</li> <li>• East Tennessee Materials &amp; Energy Corporation, Inc. (M&amp;EC)</li> <li>• Fluor Federal Services, Inc.</li> </ul>
This row is redacted	

(b3)  
 5 (b4)

### III. EVALUATION METHODOLOGY

This section is divided into five subsections: (a) Evaluation Factors; (b) Overall Relative Importance of Evaluation Factors; (c) Basis for Contract Award; (d) Evaluation Process and SEB Actions; and (e) Rating Considerations. Evaluation factors are listed in accordance with the Solicitation Section M.

#### (a) Evaluation Factors

**Factor A: Plateau Remediation Technical and Management Approach** (evaluated through written proposal information)

DOE will evaluate the depth, quality, effectiveness, and completeness of the Offeror's proposed strategy and approach to implement its plateau remediation technical and management approach to implement all of the requirements of the Contract except for any WBS element where the value has been provided as the Offerors direct cost in the Section L attachment entitled *Work Breakdown Structure/Cost Data*.

**Factor B: Organizational Structure and Key Personnel** (evaluated through written proposal information and oral presentation)

DOE will evaluate the written proposal for individual qualifications and capabilities of each key person to perform the key person's proposed position. DOE may consider key personnel references, including references from sources other than those provided by the Offerors, to further assess key personnel attributes. Offerors who do not submit a signed letter of commitment from each proposed key personnel will be deemed ineligible for award.

DOE will evaluate the written proposal for the effectiveness of the Offeror's organizational approach and structure for the Contract. DOE will also evaluate the oral presentation for the alignment of functions, responsibilities, and authorities to each key person and the suitability of each key person for his/her proposed position.

DOE will evaluate the oral presentation for the key personnel leadership, communications, teamwork, interactions, problem-solving capabilities, success in past positions, and understanding of the proposed strategy and approach prepared in response to evaluation factors A and D.

DOE's evaluation of the project manager (PM) will be the most important aspect of the evaluation of organizational structure and key personnel.

**Factor C: Environment, Safety, Health, and Quality (ESH&Q)** (evaluated through written proposal information and oral presentation)

DOE will evaluate the written proposal for the overall depth, quality, maturity and effectiveness of the Offeror's proposed ESH&Q programs and processes to implement all of the requirements of the Contract, including how the Offeror will evaluate the

effectiveness and maturity of the proposed programs and processes, and its programs and processes to drive improved ESH&Q performance.

DOE will evaluate the oral presentation for the key personnel team knowledge, expertise, capabilities, and commitment to implement the proposed ESH&Q programs and processes to implement all requirements of the Contract.

**Factor D: Project Management** (evaluated through written proposal information)

DOE will evaluate the depth, quality, maturity, and effectiveness of the Offeror's proposed project management strategy and approach to implement all of the requirements of the Contract.

**Factor E: Past Performance** (evaluated through written proposal information)

DOE will evaluate the Offeror's (including each member of the Offeror's team as described in FAR Subpart 9.6, *Contractor Team Arrangements*) past performance on activities similar to the scope of this Contract in contract type, scope, complexity, duration, and risk; including an evaluation of the past performance of entity(ies) (other than the Offeror itself) proposed to perform portions of the Section C.2, *Description of Project Performance Requirements* in the context of the areas of the scope of work the entity(ies) is proposed to perform. DOE may consider relevant past performance information from independent data sources.

DOE will also evaluate the Offeror's (including each member of the Offeror's team as described in FAR Subpart 9.6, *Contractor Team Arrangements*) ESH&Q past performance.

For Offerors without a record of relevant past performance or for whom past performance information is not available, the Offeror will not be evaluated favorably or unfavorably.

**Factor F: Experience** (evaluated through written proposal information)

DOE will evaluate the Offeror's relevant experience on activities similar to the work described in Section C.2, *Description of Project Performance Requirements* in contract type, scope, complexity, duration, and/or risk. This will include an evaluation of the experience of entity(ies) (other than the Offeror itself) proposed to perform portions of Section C.2, *Description of Project Performance Requirements* in the context of the areas of the scope of work the entity(ies) is proposed to perform.

**Factor G: Cost and Fee** (evaluated through written proposal information)

Offerors that propose a total available fee outside the fee range specified in Section L Provision entitled *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal* will be deemed ineligible for award.

The cost and fee proposal will not be adjectivally rated or point scored, but it will be considered in the overall evaluation of proposals in determining the best value to the Government.

DOE will evaluate the Offeror's cost proposal for realism and reasonableness. The evaluation will result in the determination of a most probable cost (MPC) for each Offeror.

The evaluated price used in the best value analysis will be the sum of the MPC and the proposed fee.

$$\text{MPC} + \text{Proposed Fee} = \text{Evaluated Price}^*$$

(\* to be used in the best value analysis)

[RFP at Provision M.4]

(b) Overall Relative Importance of Evaluation Factors

The technical and management proposal will be evaluated against technical and management evaluation factors A, B, C, D, E, and F. Evaluation factors A, B, and C are listed in descending order of importance. Within this descending order of importance, individual evaluation factors A and B are significantly more important than individual evaluation factor C. Individual evaluation factors C and D are equivalent. Individual evaluation factors E and F are equivalent. Individual evaluation factors C and D are each significantly more important than individual evaluation factors E and F.

The cost and fee proposal will be evaluated against factor G, *Cost and Fee*, and will be considered in the overall evaluation of proposals in determining the best value to the Government in accordance with the Solicitation Provision entitled *Basis for Contract Award of this Solicitation*.

Areas within an evaluation factor are not subfactors and will not be individually rated, but will be considered in the overall evaluation for that particular evaluation factor.

[RFP at Provision M.5]

(c) Basis for Contract Award

DOE intends to award one (1) Contract to the responsible Offeror whose proposal is responsive to the Solicitation and determined to be the best value and most advantageous to the Government. Selection of the best value to the Government will be achieved through a process of evaluating the strengths and weaknesses of each Offeror's proposal in accordance with the evaluation factors in the Solicitation.

In determining best value to the Government, the technical and management evaluation factors are significantly more important than the evaluated price. The Government is more concerned with obtaining a superior technical and management proposal than making an award at the lowest evaluated price. However, the Government will not make

an award at a price premium it considers disproportionate to the benefits associated with the evaluated superiority of one technical and management proposal over another. The Government will assess the strengths and weaknesses between or among competing technical proposals from the standpoint of: (1) what the difference might mean in terms of anticipated performance; and (2) what the evaluated price to the Government would be to take advantage of the difference. The closer or more similar in merit that Offerors' technical and management proposals are evaluated the more likely the evaluated price may be the determining factor.

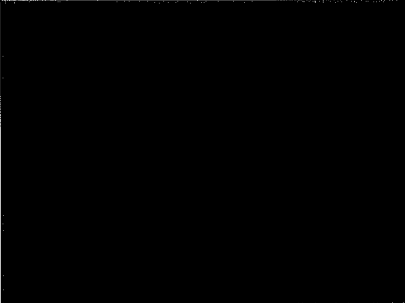
[RFP at Provision M.2]

(d) Evaluation Process and SEB Actions

The proposal preparation instructions in Solicitation Section L, *Instructions, Conditions, and Notices to Offerors*, were designed to provide guidance to the Offeror concerning the type and depth of information the SEB considered necessary to conduct an informed evaluation of each proposal. The proposals were to be submitted in three volumes: Volume I, *Offer and Other Documents*; Volume II, *Technical and Management Proposal*; and Volume III, *Cost and Fee Proposal*.

Based on the requirements of the Solicitation Section L (which is consistent with the requirements of the SSP), the SEB followed the process described in the following table:

**Table III-1. Evaluation Process and SEB Actions**

Evaluation Process	SEB Actions
<p>Upon receipt, the proposals will be reviewed to ensure that each Offeror meets the basic proposal requirements of Solicitation Provision M.1 entitled <i>Background/Introduction</i>. A proposal will be eliminated from further consideration before the evaluation if the proposal is so grossly and obviously deficient as to be totally unacceptable on its face. For example, a proposal will be deemed unacceptable if it does not represent a reasonable effort to address itself to the essential requirements of the Solicitation or if it clearly demonstrates that the Offeror does not understand the requirements of the Solicitation. In the event a proposal is rejected, a notice will be sent to the Offeror stating the reason(s) the proposal will not be considered for further evaluation under this Solicitation.</p>	<p>No proposals were deemed unacceptable on their face. All proposals were fully evaluated.</p>
<p>Using the SSP Attachment 3, <i>Document Submittal Checklist</i>, the Offeror's proposal will be reviewed by the CO to ensure that it complied with the Provisions in Solicitation Section L entitled <i>Instructions, Conditions, and Notices to Offerors</i>, and Section K entitled <i>Representations, Certifications, and Other Statements of Offerors</i>. The CO will report any findings to the SEB. Because DOE intends to award a contract without discussions, failure to submit required documentation or any exceptions or deviations to the terms and conditions of the Contract will make the offer unacceptable for award.</p>	

Evaluation Process	SEB Actions
<p>Oral presentations will be conducted in accordance with Solicitation Provision L.18 entitled <i>Proposal Preparation Instructions – Volume II, Technical and Management Proposal</i>, paragraph (b) entitled <i>Instruction – Oral Presentation</i>. Oral presentation information and written proposal information on Evaluation Factor B – <i>Organizational Structure and Key Personnel</i>, and Evaluation Factor C – <i>ESH&amp;Q</i>, will be evaluated in accordance with the evaluation factors contained in Solicitation Section M entitled <i>Evaluation Factors for Award</i>.</p>	<p>Oral presentations were conducted on October 18-19, 2007. The SSO and SEB attended the oral presentations.</p>
<p>Each SEB member will review each proposal sufficiently to understand its content and to make a meaningful evaluation. To facilitate the evaluation, SEB members may utilize SMEs in areas relating to the evaluation factors. If utilized, the SMEs will review the applicable portions of each proposal (including oral presentations, if appropriate) using the evaluation factors in Provision M.4 of the Solicitation. The SMEs will provide informal input to the SEB to support the SEB's evaluation.</p>	<p>Completed.</p>
<p>The SEB will consider the input of the SMEs as part of its process to develop a consensus set of strengths, weaknesses, and/or deficiencies for each proposal, but it will not replace the SEB's independent analysis and evaluation of the proposals.</p>	<p>Completed.</p>
<p>DOE will evaluate proposals in accordance with the evaluation factors in Solicitation Provision M.4. As part of this evaluation, DOE will also perform a technical analysis of the cost and fee proposal as described in Solicitation Provision M.3, and consider this analysis in the evaluation of Volume II, <i>Technical and Management Proposal</i> and as part of the evaluation of Volume III, <i>Cost and Fee Proposal</i>. As part of the technical analysis of the cost and fee proposal, DOE will evaluate traceability, errors and omissions, and other problem areas.</p>	<p>Completed.</p>
<p>The cost and fee proposal will not be adjectivally rated or point scored. However, the cost and fee team will provide cost analysis input to the SEB's cost realism analysis of each Offeror's proposed cost. The purpose of the cost realism analysis is to determine what DOE should realistically expect to pay for the proposed effort, the Offeror's understanding of the work, and the Offeror's ability to perform the Contract. The cost and fee team will present its analysis to the SEB and the SEB will develop a consensus estimate of the MPC. The evaluated price used in the best value tradeoff analysis will be the sum of the MPC and fee.</p>	<p>Completed.</p>
<p>In making its determinations, the SEB voting members will attempt to reach consensus. It is anticipated that consensus can and will be achieved on most, if not all, issues. If unable to reach consensus, the majority opinion of the SEB voting members will be adopted as the SEB's official position on a particular matter. In any case where a consensus cannot be achieved, the dissenting member(s) shall document his/her minority position with supporting detail and forward it to the SSO for consideration.</p>	<p>In making its determinations, the SEB voting members reached consensus on all issues.</p>
<p>The SEB consensus assessment of strengths, weaknesses, and/or deficiencies, and the relative significance of each will be documented in the SEB evaluation report.</p>	<p>Completed.</p>

The presentation medium (oral and/or written) for each evaluation factor is provided in the table below:

**Table III-2. Presentation Media for the Evaluation Factors**

Evaluation Factors		Presentation and Evaluation Medium
A	Technical and Management Approach	Written
B	Organizational Structure and Key Personnel	Written and Oral
C	Environment, Safety, Health, & Quality	Written and Oral
D	Project Management	Written
E	Past Performance	Written
F	Experience	Written
G	Cost and Fee	Written

(e) Rating Considerations.

The SEB evaluated the technical and management evaluation factors and gave each factor an adjectival rating. The adjectival ratings in order from worst to best were: unsatisfactory, marginal, satisfactory, very good, and excellent. The adjectival ratings took into consideration the quantity, nature, and significance of the identified strengths and weaknesses.

The adjectival rating definitions and the proposal strength definitions are shown in Tables III-3 and III-4, respectively, as follows:



**Table III-3. Adjectival Rating Definitions**

<b>Adjectival Rating</b>	<b>Guideline</b>
Excellent	Demonstrates a likely probability to achieve contract requirements and significantly exceed performance expectations. Such a response would normally be evidenced by significant strengths and/or strengths, and no significant weaknesses and/or weaknesses.
Very Good	Demonstrates a likely probability to achieve contract requirements and exceed performance expectations. Such a response would normally be evidenced by significant strengths and/or strengths, and few, if any, significant weaknesses and/or weaknesses.
Satisfactory	Demonstrates a likely probability to achieve contract requirements and meet performance expectations. Such a response would normally be evidenced by significant strengths and/or strengths, and offsetting significant weaknesses and/or weaknesses, or by few, if any, strengths or weaknesses. This rating would be considered neither favorable nor unfavorable for past performance of Offerors with no past performance history.
Marginal	Demonstrates a lower probability to achieve contract requirements and meet performance expectations. Such a response would normally be evidenced by significant weaknesses and/or weaknesses, and few, if any, significant strengths and/or strengths
Unsatisfactory	Demonstrates an unlikely probability to achieve contract requirements and meet performance expectations. Such a response would normally be evidenced by no significant strengths and/or strengths, and numerous significant weaknesses and/or weaknesses.

**Table III-4. Proposal Strength Definitions**

<b>Definition</b>	<b>Guideline</b>
Strength	A feature or benefit in the proposal that increases the likelihood of successful contract performance. A "significant strength" in the proposal is a feature or benefit that appreciably increases the likelihood of successful contract performance.
Weakness	A flaw or aspect of the proposal that increases the likelihood of unsuccessful contract performance. A "significant weakness" is a flaw or aspect of the proposal that appreciably increases the likelihood of unsuccessful contract performance.
Deficiency	A material failure of a proposal to meet a government requirement or a combination of significant weaknesses in a proposal that increases the likelihood of unsuccessful contract performance to an unacceptable level.

IV. EVALUATION RESULTS – VOLUME I, OFFER AND OTHER DOCUMENTS

This section is divided into five subsections: (a) Completeness of Offers; (b) Foreign Ownership, Control, or Influence (FOCI); (c) Organizational Conflict of Interest (OCI); (d) List of Parties Excluded from Federal Procurement and Nonprocurement Programs; (e) Small Business-Related Requirements; and (f) Other Matters of Interest.

(a) Completeness of Offers

The requirements for offers were set forth in Solicitation Provision L.17, *Proposal Preparation Instructions – Cover Letter and Volume I, Offer and Other Documents*. A review of the submitted offers is as follows:

**Table IV-1. Satisfaction of Requirements of Volume I, Offer and Other Documents**

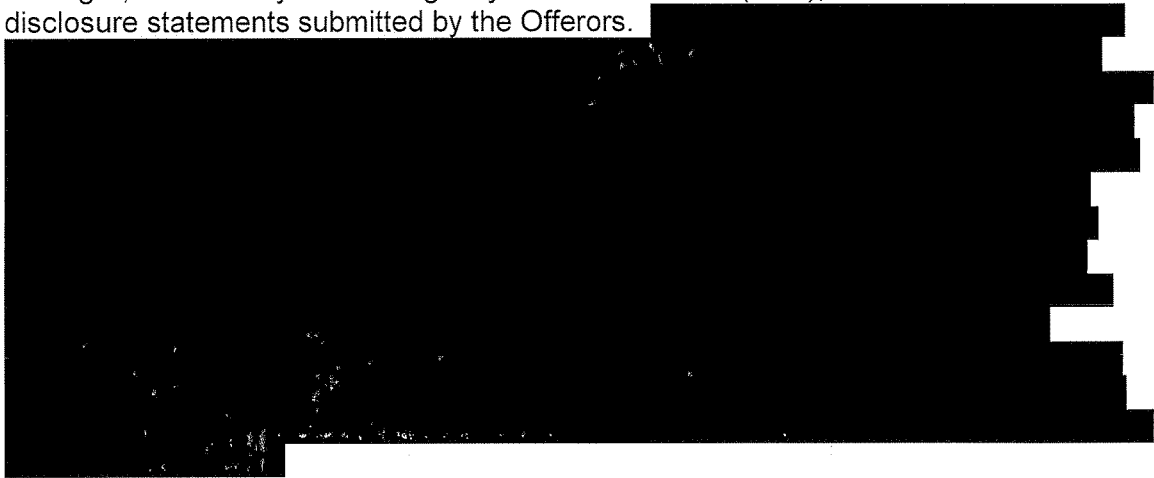
L.17(b)	Element	Requirement	CPRC
(1)	Standard Form (SF) 33	Signed and executed SF 33. All amendments acknowledged. No exceptions or deviations to the model Contract	[REDACTED]
(2)	Representations and Certifications	Fully completed and executed	
(3)	Small Business Subcontracting Plan	Compliant with FAR 52.219-9. Met or exceeded goals required in Solicitation	
(4)	Self Performed Limitation and Small Business Participation	Compliant with H.20, <i>Self-Performed Work</i>	
(5)	Small, Disadvantaged Business Participation Program Targets	Completed Section L, Attachment L-1	
(6)	Listing of Key Personnel	Completed Section L, Attachment L-2 and will become a part of Section H Clause H.15 at Contract award	
(7)	Performance Guarantee Agreement	Fully completed and executed	
(8)	Responsible Corporate Official	Responsible corporate official named	
(9)	Corporate Board of Directors	Corporate board of directors named	
(10)	Earned Value Management System (EVMS) Documentation	EVMS documentation prepared in accordance with Section L Provision FAR 52.234-3, <i>Notice of Earned Value Management System – Post Award Initial Baseline Review (IBR)</i>	

(b3)

(b5)

(b) Foreign Ownership, Control, or Influence

All Offerors were required to submit a FOCI statement and related documents with Volume I, *Offer and Other Documents* of their proposal. The CO and the FOCI program manager, RL Security and Emergency Services Division (SES), reviewed the FOCI disclosure statements submitted by the Offerors.



(c) Organizational Conflict of Interest

No OCIs have been identified under this acquisition.

(d) List of Parties Excluded from Federal Procurement and Nonprocurement Programs

Each of the Offeror's companies (and predecessor companies) was checked against the U.S. General Services Administration's list of parties excluded from federal procurement and nonprocurement programs prior to issuance of this report. No matches were found.

(e) Small Business-Related Requirements

Provision L.17, *Proposal Preparation Instructions – Cover Letter and Volume I, Offer and Other Documents* required Offerors to submit:

- Small Business Subcontracting Plan (SBSP). A completed and acceptable small business plan is required to be submitted in accordance with the Section I Clause, FAR 52.219-9, *Small Business Subcontracting Plan*, and proposal instructions herein. This plan will become part of the Contract as Section J Attachment entitled *Small Business Subcontracting Plan*. The minimum goals to constitute a valid offer under this Solicitation are as follows:

<u>Component</u>	<u>Percent (%)</u>
Small Business (SB)	41.3
Small Disadvantaged Business	6.3
Women-Owned SB	5.8
HUBZone SB	2.2
Veteran-Owned SB (VOSB)	1.3
Service-Disabled VOSB	1.3

Percentages shown above are percent of total subcontracted work required by Section I Clause entitled *Small Business Subcontracting Plan*. Amounts proposed for subcontracting base and small business participation shall comply with the limitations of the Section H Clause entitled *Self-Performed Work*.

- Self-Performed Limitation and Small Business Participation. A table identifying the dollar amount and percentage of the proposed total Contract price, in accordance with the requirements of Section H Clause entitled *Self-Performed Work*, that will be self-performed by large business(es) of the contractor team arrangement (as described in FAR 9.6, *Contracting Team Arrangements*), and performed by small business.
- Small Disadvantaged Participation Program Targets. A completed Section L Attachment entitled *Small Disadvantaged Business Participation Program Targets Form* is required to be submitted in accordance with FAR 52.219-24, *Small Disadvantaged Business Participation Program – Targets*. The targets will become part of the Contract as Section J Attachment entitled *Small Disadvantaged Business Participation Program Targets*.

Both Offerors submitted a SBSP that complied with the requirements of FAR 52.219-9, *Small Business Subcontracting Plan*.

Both Offerors submitted a table identifying self-performed work that complied with the requirements of Section H Clause H.20, *Self-Performed Work*.

Both Offerors submitted a completed small disadvantaged business participation program targets table that complied with the requirements of FAR 52.219-24, *Small Disadvantaged Business Participation Program – Targets*.

(f) Other Matters of Interest

There were no other matters of interest.

V. EVALUATION RESULTS – VOLUME II, TECHNICAL AND MANAGEMENT PROPOSAL

This section is divided into six subsections: (a) Evaluation Factor A – Technical and Management Approach; (b) Evaluation Factor B – Organizational Structure and Key Personnel; (c) Evaluation Factor C – ESH&Q; (d) Evaluation Factor D – Project Management; (e) Evaluation Factor E – Past Performance; and (f) Evaluation Factor F – Experience. To provide background and a basis for the evaluation of the above factors, the narrative in each subsection is presented in the following order: (1) Proposal Summary; (2) Strengths and Weaknesses; and (3) Adjectival Rating. The information presented under (1) *Proposal Summary* was designed to provide a simple overview; details are located within each Offeror’s proposal.

Evaluation of Volume II, *Technical and Management Proposal*, was performed in accordance with the requirements of Solicitation Provision M.4, *Evaluation Factors*. The SEB assigned an adjectival rating for each evaluation factor for CPRC and [REDACTED] Table V-1, *Summary of Technical and Management Evaluation Results*, provides a summary of the adjectival ratings for all evaluation factors for each Offeror. Individual adjectival ratings for each evaluation factor are provided for each Offeror at the end of each subsection (2) *Strengths and Weaknesses*, within this section.

(b3)

Where elements of the Offeror’s proposal did not rise to a strength or fall to a weakness, they were considered satisfactory and were not discussed further in this report.

**Table V-1. Summary of Technical and Management Evaluation Results**

Technical and Management Factors		CPRC
A	Technical and Management Approach	[REDACTED]
B	Organizational Structure and Key Personnel	[REDACTED]
C	Environment, Safety, Health, and Quality	[REDACTED]
D	Project Management	[REDACTED]
E	Past Performance	[REDACTED]
F	Experience	[REDACTED]

(b3)

(b5)

Refer to Section III(b) of this report regarding the overall relative importance of the evaluation factors.

(a) Evaluation Factor A – Technical and Management Approach

DOE will evaluate the depth, quality, effectiveness, and completeness of the Offeror's proposed strategy and approach to implement its plateau remediation technical and management approach to implement all of the requirements of the Contract, except for any WBS element where the value has been provided as the Offeror's direct cost in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*.

(1) Proposal Summary: Factor A – Technical and Management Approach

(b5)



(b5)

Section L.18(c)(1) of the RFP required offerors to organize the technical/management approach discussion in accordance with the WBS as identified in the Section L Attachment entitled *Work Breakdown Structure/Cost Data* and consistent with the WBS Dictionary provided in the RFP. The upper tier of the WBS is as follows:

- WBS 040.07 – Transition
- WBS 011 – Nuclear Material Stabilization and Disposition
- WBS 012 – SNF Stabilization and Disposition
- WBS 013 – Solid Waste Stabilization and Disposition
- WBS 080 – Operate Waste Disposal Facility
- WBS 030 – Groundwater Remediation
- WBS 040 – Nuclear Facility D&D – Central Plateau
- WBS 041 – Nuclear Facility D&D – River Corridor
- WBS 042 – Nuclear Facility D&D – FFTF
- WBS 000 – Closure Services

Each of these WBS elements consists of several sub-elements of workscope that were identified in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. Both CPRC and [REDACTED] organized their proposals in accordance with this Section L attachment.

(b3)

(2) Strengths and Weaknesses: Factor A – Technical and Management Approach

The SEB evaluated factor A through written proposal information. WBS elements identified within this factor were not assigned individual ratings, but were considered in total in the overall adjectival rating for factor A.

The SEB evaluated each WBS element/sub-element above and listed the factor evaluation results (strengths and weaknesses) in accordance with the WBS. In some cases strengths or weaknesses refer to the Offeror proposal for an entire upper tier WBS element and in other cases strengths or weaknesses refer to sub-elements under the upper tier WBS elements. Where no strength or weakness was identified for a WBS element, the report states "None."

The section L Attachment entitled *Work Breakdown Structure/Cost Data* provided fixed values for the Offeror's direct cost for the following WBS activities:

- WBS 011.02.01.04 – Maintain Special Projects P1BEAA
- WBS 012.16 – Sludge Treatment
- WBS 013.03.03 – Fuel Prep Facility
- WBS 013.03.05 – CSB Security Upgrades
- WBS 013.07.04 – WRAP Transition
- WBS 013.08.04 – T Plant M-91 Upgrades
- WBS 030.31.12 – MG-1 Model Group
- WBS 040.01.26 – Emergency Response for Facility/Waste Site ESH&Q or Remediation
- WBS 040.02.18.03 – Waste Sites

Fixed values for the above activities were provided on the basis that either predecessor work (e.g., alternatives analysis, conceptual design, regulatory decision making, etc.) is required to establish detailed performance requirements, or the information necessary to estimate the activity is classified (WBS 013.03.05, CSB Security Upgrades). The \$543M total for these activities represents the best estimate, given current knowledge.

Fixed values were also provided for WBS elements that capture distribution of costs from services provided by other Hanford contractors (i.e., protective forces, fire protection, crane & rigging, occupational medical services). These distributions are based on total project cost at the upper tier of the WBS (excluding the usage-based services sub-element), and total \$441M of the government estimate. These elements are:

- WBS 000.13 – Usage-Based Services Distributions
- WBS 011.90 – Usage-Based Services Distributions
- WBS 012.90 – Usage-Based Services Distributions
- WBS 013.90 – Usage-Based Services Distributions
- WBS 030.90 – Usage-Based Services Distributions
- WBS 040.90 – Usage-Based Services Distributions
- WBS 042.90 – Usage-Based Services Distributions
- WBS 080.90 – Usage-Based Services Distributions

The RFP required the Offeror to utilize the value provided in the Offeror's direct cost column for those WBS elements where it was provided in the Section L Attachment L.4. In accordance with the RFP, the SEB did not evaluate any portions of the Offerors' proposals that provided a strategy and/or approach for performing the above WBS elements.

The SEB evaluated factor A for completeness in compliance with the instructions in Section L.18(c)(1) of the RFP, including conformance with the WBS Dictionary. For some activities, the Offerors' proposals provided innovations or alternative approaches that varied from the WBS Dictionary. These variances from the WBS Dictionary were evaluated on a case-by-case basis.

A summary table of the SEB's evaluation, identifying Offerors' strengths and weaknesses for factor A, is provided below.

**Table V-2. Summary of Factor A Strengths and Weaknesses by WBS Element**

WBS Element	CPRC			
	Strengths	Weaknesses	Strengths	Weaknesses
• 040.07 – Transition				
• 011 – Nuclear Material Stabilization and Disposition				
• 012 – SNF Stabilization and Disposition • 041.02.01 – 100 K Area Remediation				
• 013– Solid Waste Stabilization and Disposition • 040.02.02 – 618/10 and 618/11 Burial Ground Remediation • 080 – Operate Waste Disposal Facility				
• 030 – Groundwater Remediation				
• 040 – Nuclear Facility D&D – Central Plateau				
• 042 – Nuclear Facility D&D – FFTF				
• 000 – Closure Services				

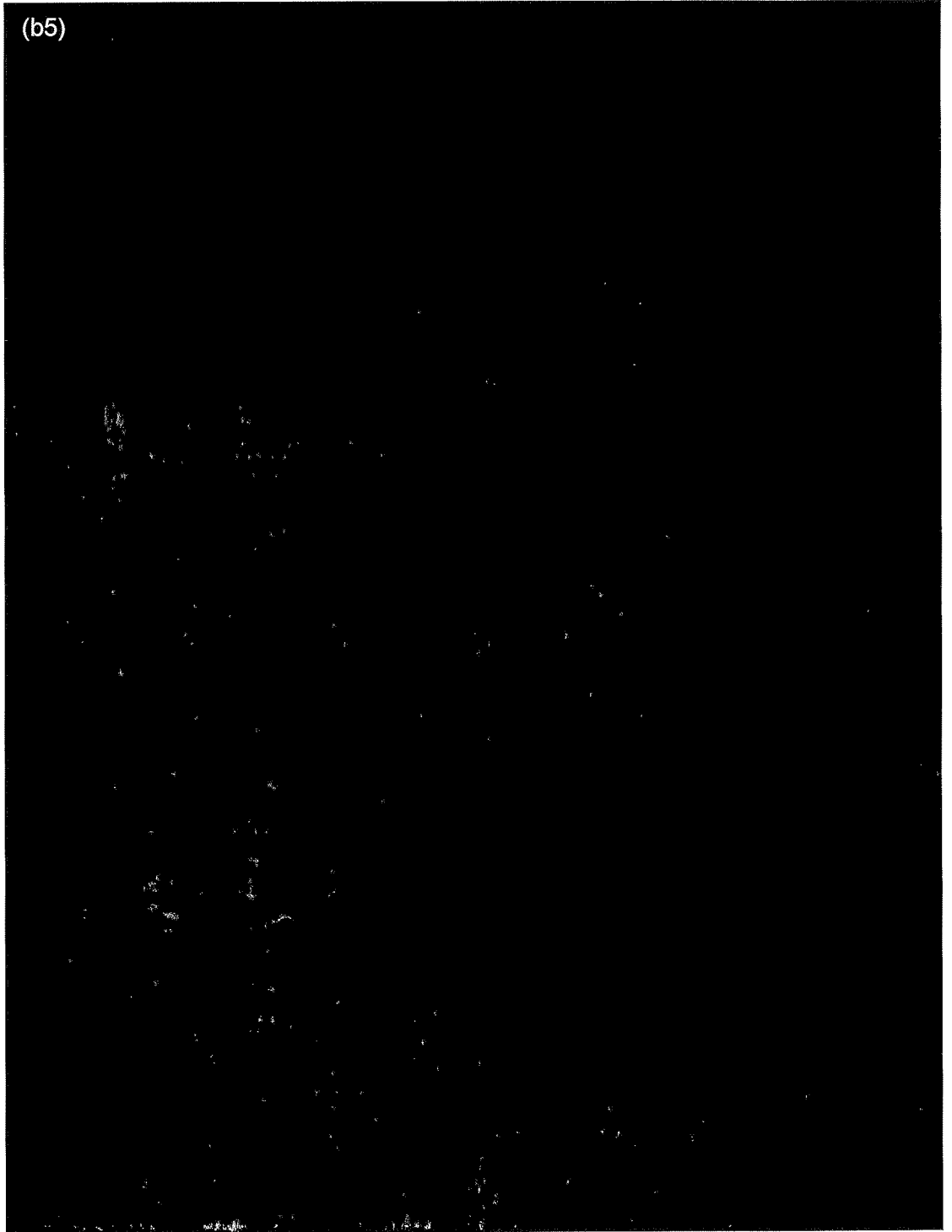
(b3)

(b5)

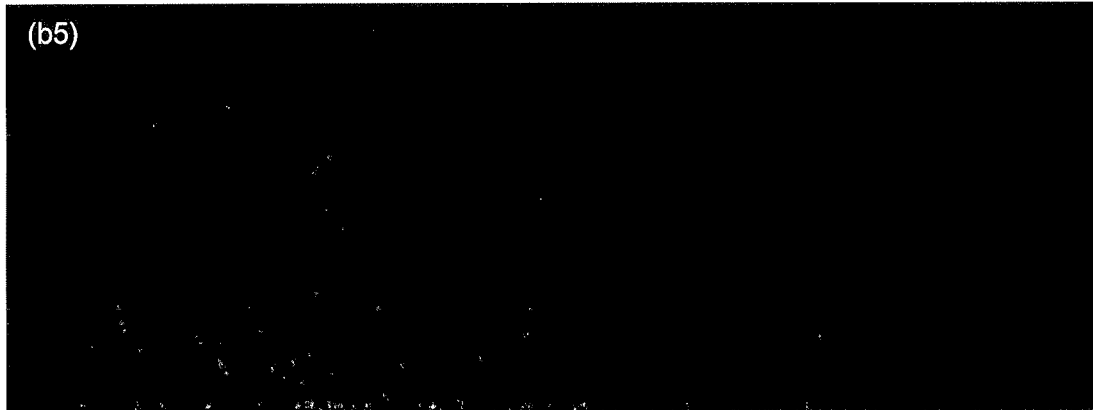


(i) WBS 040.07 – Transition

**CPRC – Strength(s)**



(b5)



(ii) WBS 011 – Nuclear Material Stabilization and Disposition

**CPRC – Strength(s)**



(b5)

(b5)



(b5)

(b5)



(b5)

(b5)



(b5)

(b5)



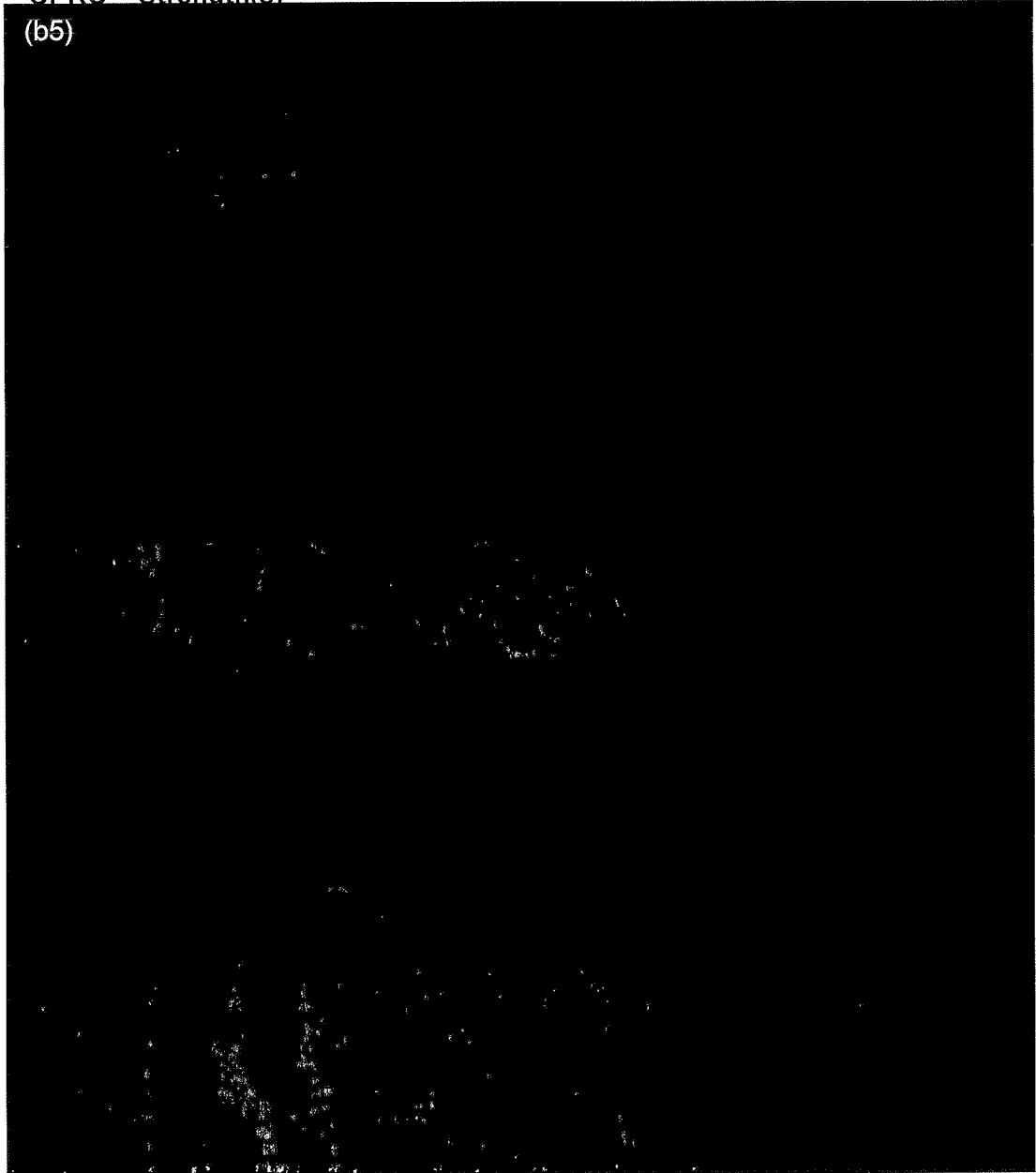
(b5)



- (iii) WBS 012 – SNF Stabilization and Disposition  
WBS 041.02.01 – 100 K Area Remediation<sup>1</sup>

**CPRC – Strength(s)**

(b5)



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<sup>1</sup> Strengths and weaknesses for WBS 012 – SNF Stabilization and Disposition are addressed with strengths and/or weaknesses in WBS 041.02.01 – 100 K Area Remediation, as these two activities are closely coordinated within the 100 K Area.

(b5)

(b5)



- (iv) WBS 013 – Solid Waste Stabilization and Disposition
- WBS 041.02.02 – 618-10 and 618-11 – Burial Ground Remediation
- WBS 080 – Operate Waste Disposal Facility<sup>2</sup>

**CPRC – Strength(s)**

(b5)



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<sup>2</sup> Strengths and weaknesses for WBS 013 – Solid Waste Stabilization and Disposition are addressed with strengths and/or weaknesses in WBS 041.02.02 - 618-10 and 618-11 – Burial Ground Remediation, and WBS 080 – Operate Waste Disposal Facility, as these activities are all similar in nature.

(b5)



(b5)



(b5)

(b5)



(v) WBS 030 – Groundwater Remediation

**CPRC – Strength(s)**


(b5)



(b5)

(b5)



3 This strength addresses a 

(b5)

(b5)



(b5)



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4 This weakness addresses [REDACTED]

(b5)

(b5)

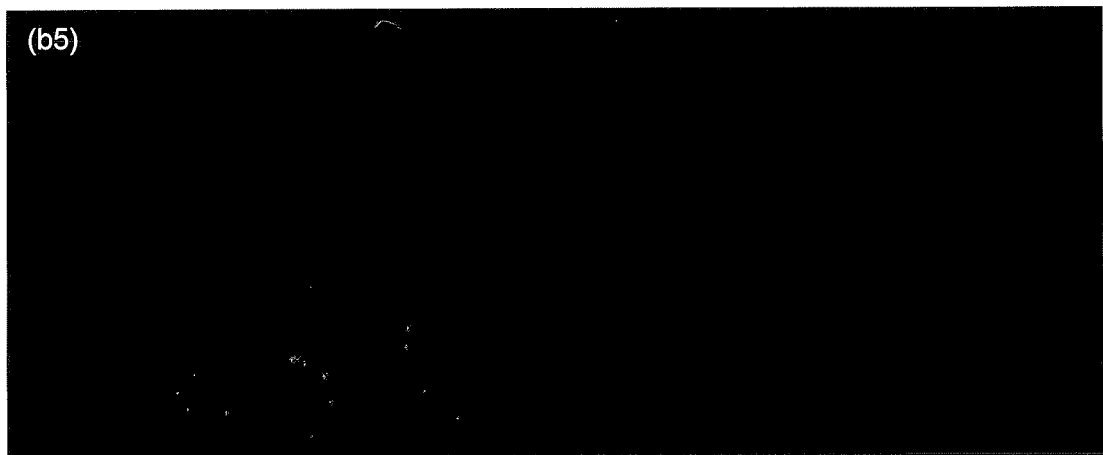


(b5)



(vi) WBS 040 – Nuclear Facility D&D - Central Plateau

**CPRC – Strength(s)**



(b5)

(b5)



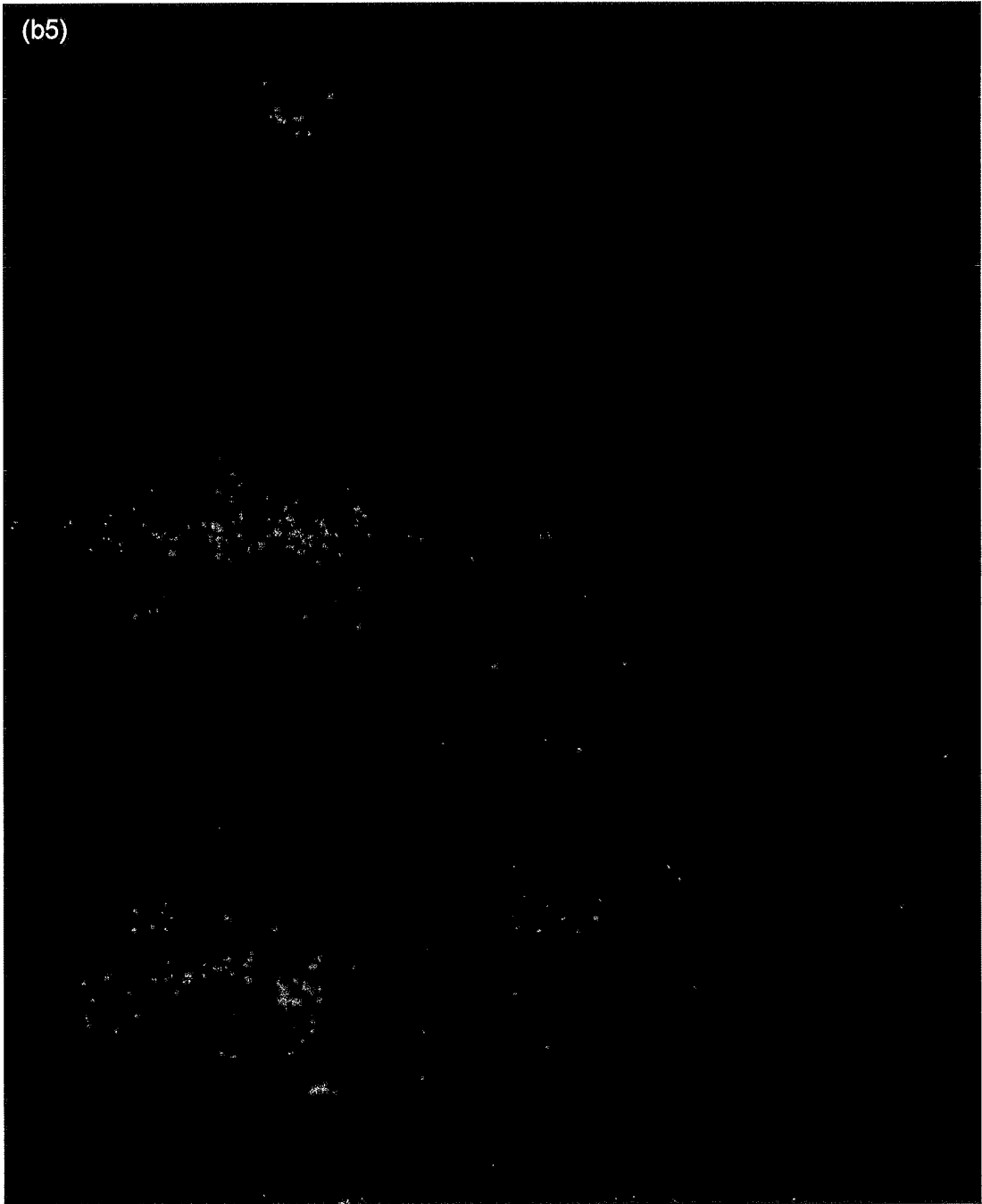
(b5)



(b5)



(b5)

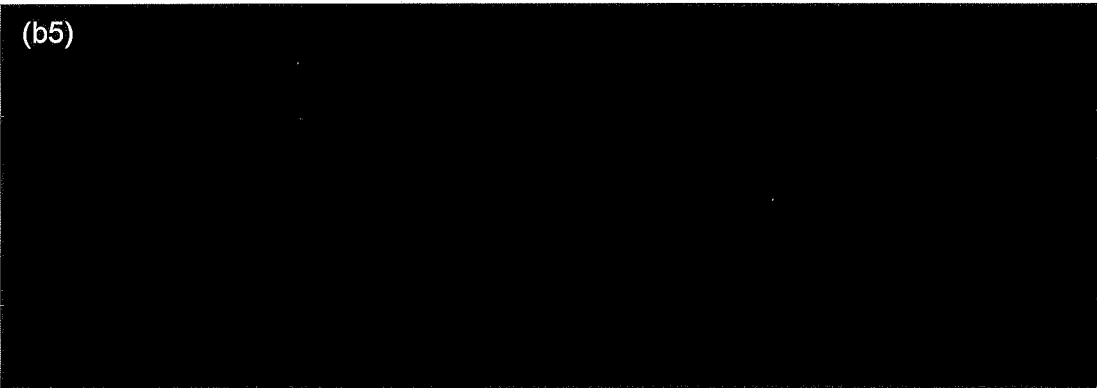


(vii) WBS 042 – Nuclear Facility D&D – FFTF

**CPRC – Strength(s)**



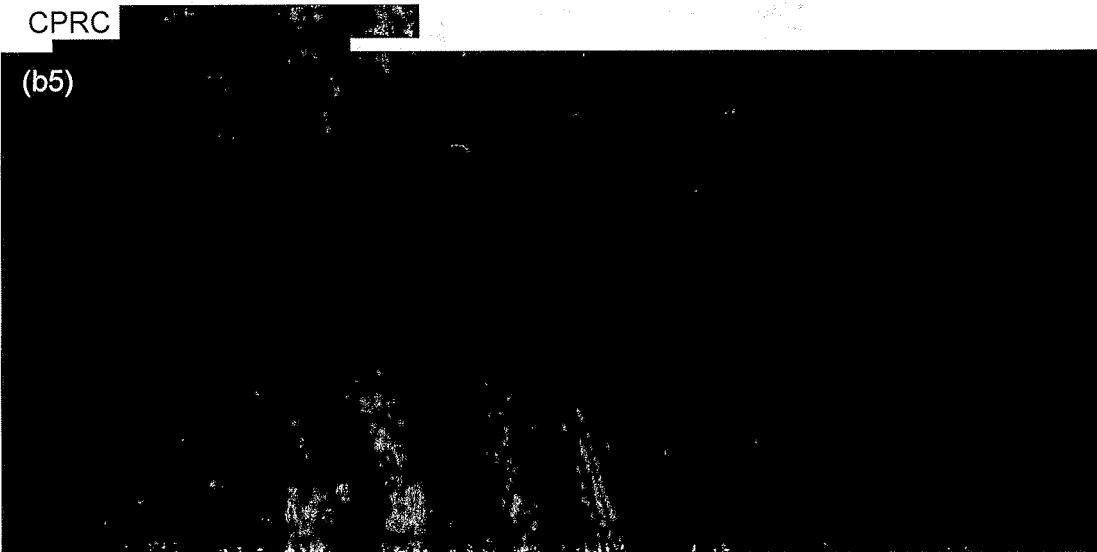
(b5)



(viii) WBS 000 – Closure Services



(3) Adjectival Rating: Factor A – Technical and Management Approach

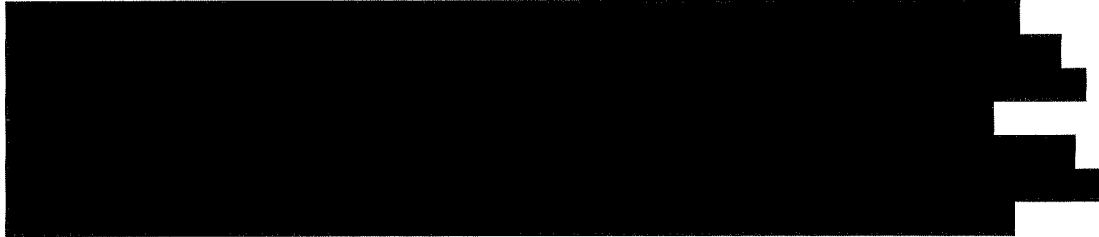


(b5)

(b5)



(b5)



(b5)

**Table V-3. Adjectival Rating: Factor A – Technical and Management Approach**

CPRC	

(b3)

(b5)

**(b) Evaluation Factor B – Organizational Structure and Key Personnel**

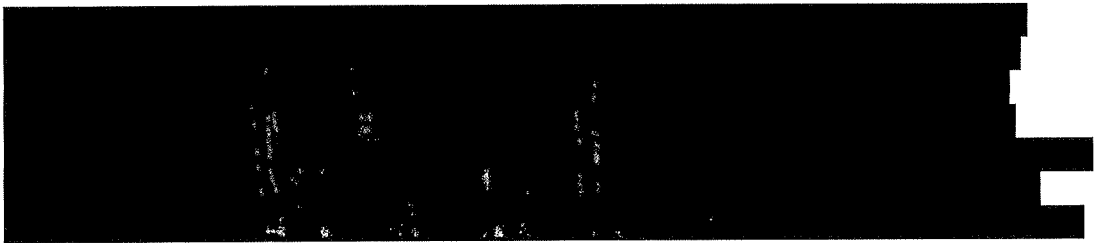
*DOE will evaluate the written proposal for individual qualifications and capabilities of each key person to perform the key person's proposed position. DOE may consider key personnel references, including references from sources other than those provided by the Offerors, to further assess key personnel attributes. Offerors who do not submit a signed letter of commitment from each proposed key person will be deemed ineligible for award.*

*DOE will evaluate the written proposal for the effectiveness of the Offeror's organizational approach and structure for the Contract. DOE will also evaluate the oral presentation for the alignment of functions, responsibilities, and authorities to each key person and the suitability of each key person for his/her proposed position.*

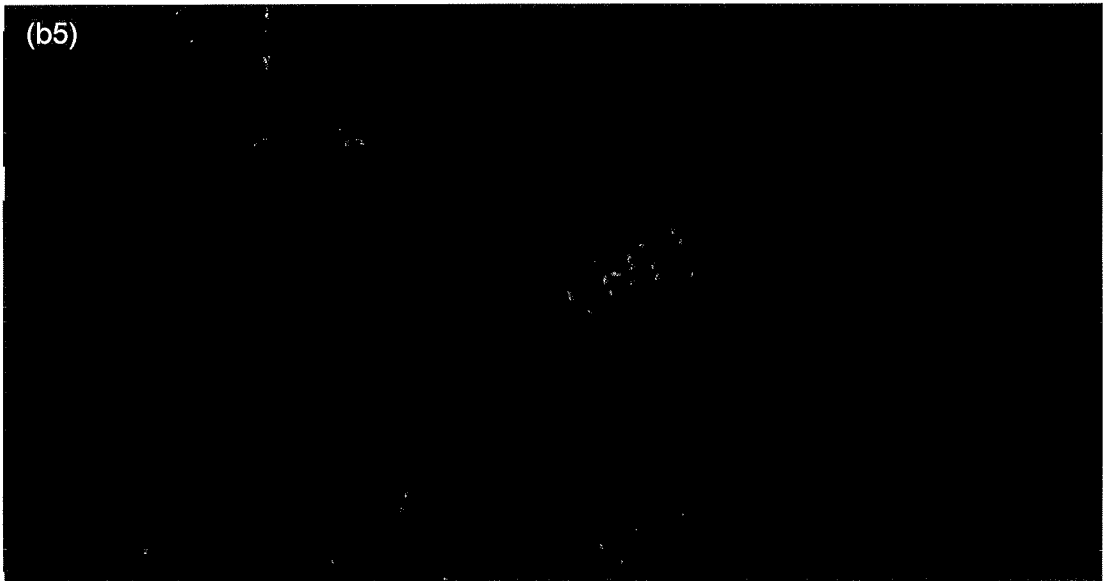
*DOE will evaluate the oral presentation for the key personnel leadership, communications, teamwork, interactions, problem-solving capabilities, success in past positions, and understanding of the proposed strategy and approach prepared in response to evaluation factors A and D.*

*DOE's evaluation of the PM will be the most important aspect of the evaluation of organizational structure and key personnel.*

**(1) Proposal Summary: Factor B – Organizational Structure and Key Personnel**

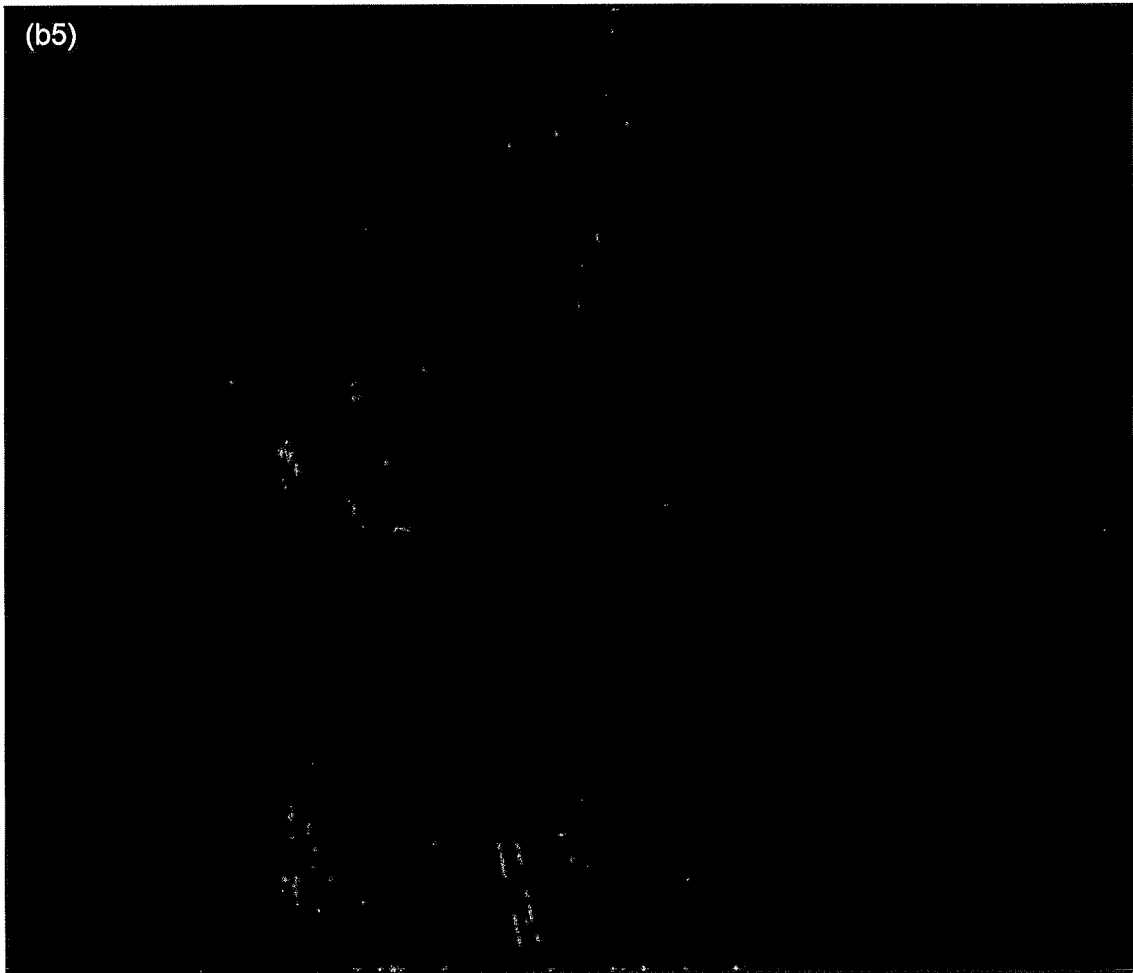


(b5)



(2) Strengths and Weaknesses: Factor B – Organizational Structure and Key Personnel

**CPRC – Strength(s)**



(b5)



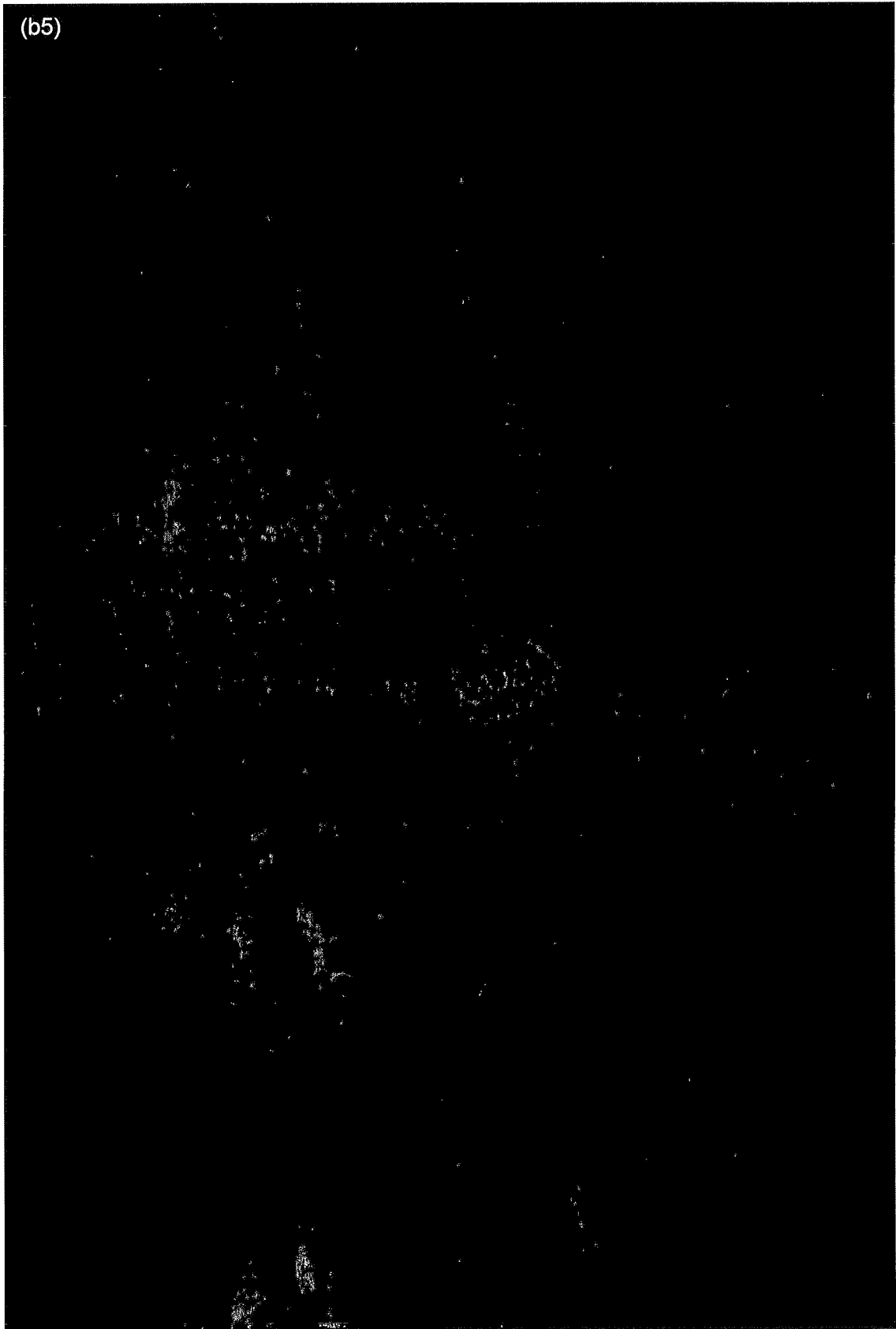
(b5)

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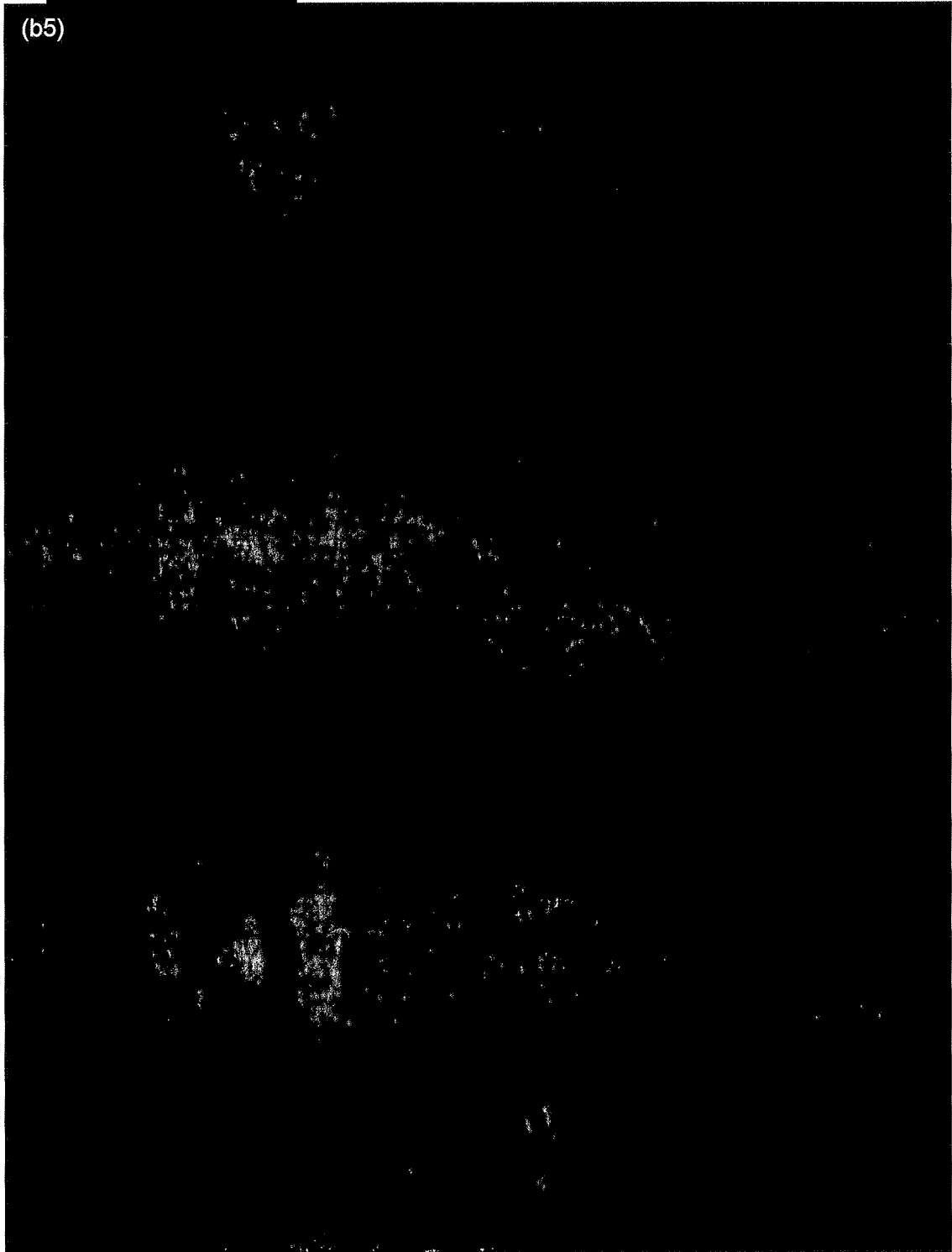
(b5)



(b5)

(3) Adjectival Rating: Factor B – Organizational Structure and Key Personnel

CPRC was evaluated to have:





(b5)

**Table V-4. Adjectival Rating: Factor B – Organizational Structure and Key Personnel**

CPRC	

(b3)

(b5)

(c) Evaluation Factor C – ESH&Q

*DOE will evaluate the written proposal for the overall depth, quality, maturity and effectiveness of the Offeror's proposed ESH&Q programs and processes to implement all of the requirements of the Contract, including how the Offeror will evaluate the effectiveness and maturity of the proposed programs and processes, and its programs and processes to drive improved ESH&Q performance.*

*DOE will evaluate the oral presentation for the key personnel team knowledge, expertise, capabilities, and commitment to implement the proposed ESH&Q programs and processes to implement all requirements of the Contract.*

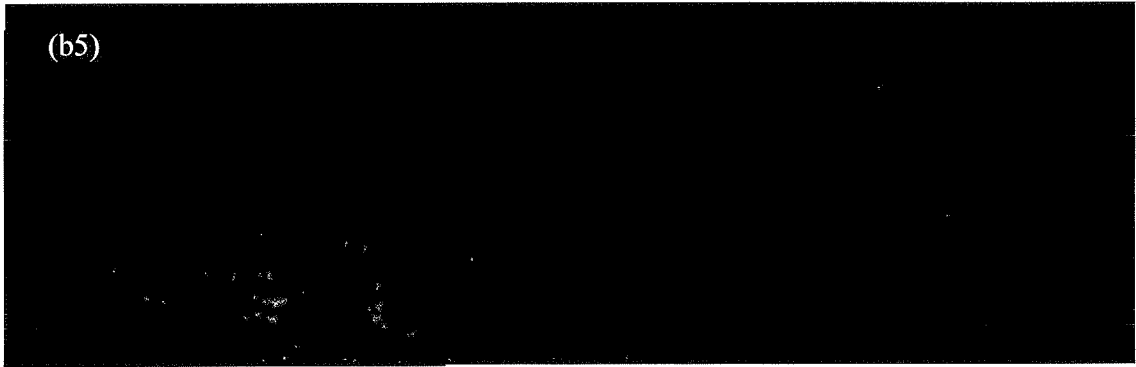
(1) Proposal Summary: Factor C – ESH&Q



(b5)

(b5)





(2) Strengths and Weaknesses: Factor C – ESH&Q

**CPRC – Strength(s)**

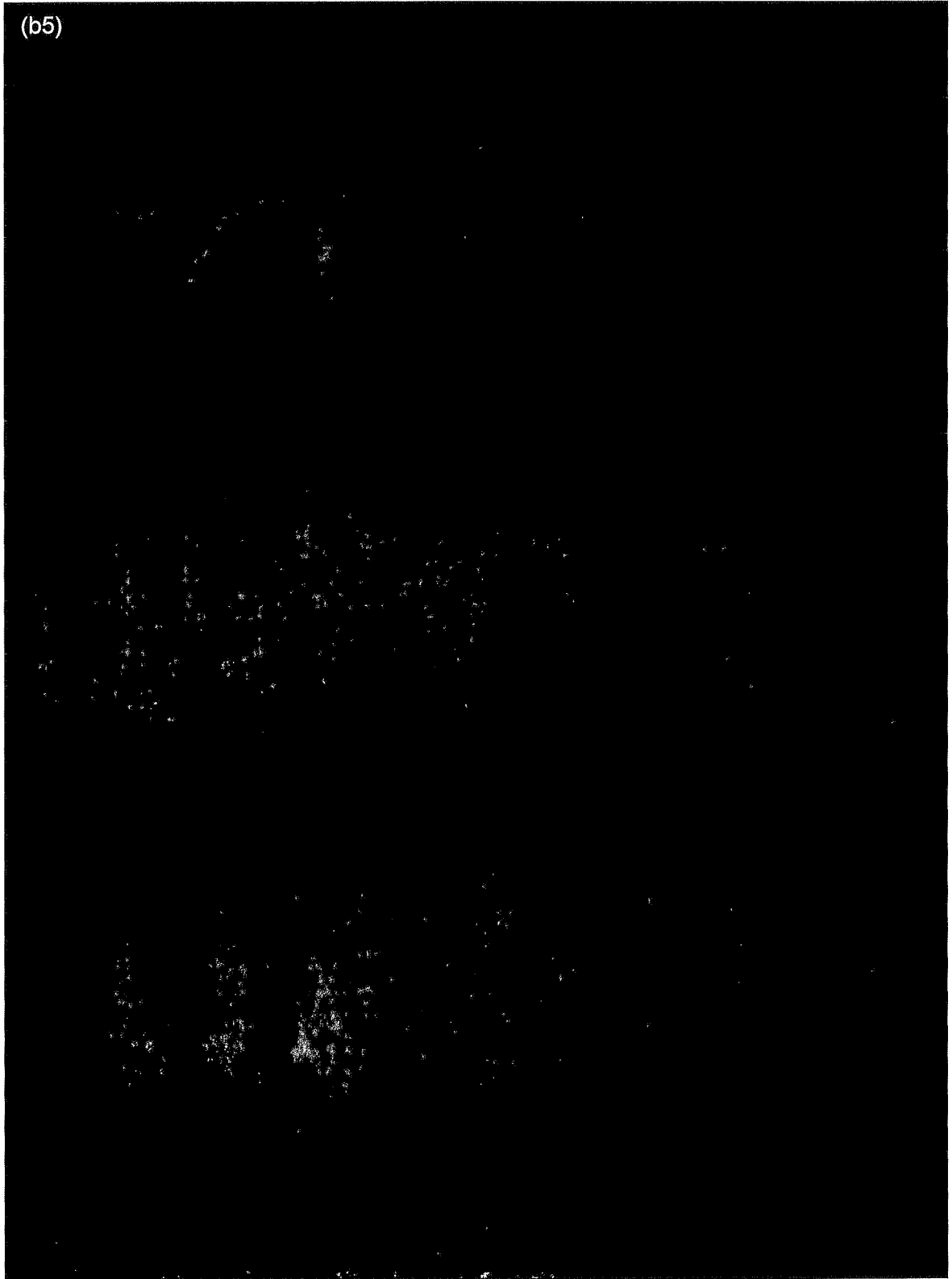


(b5)

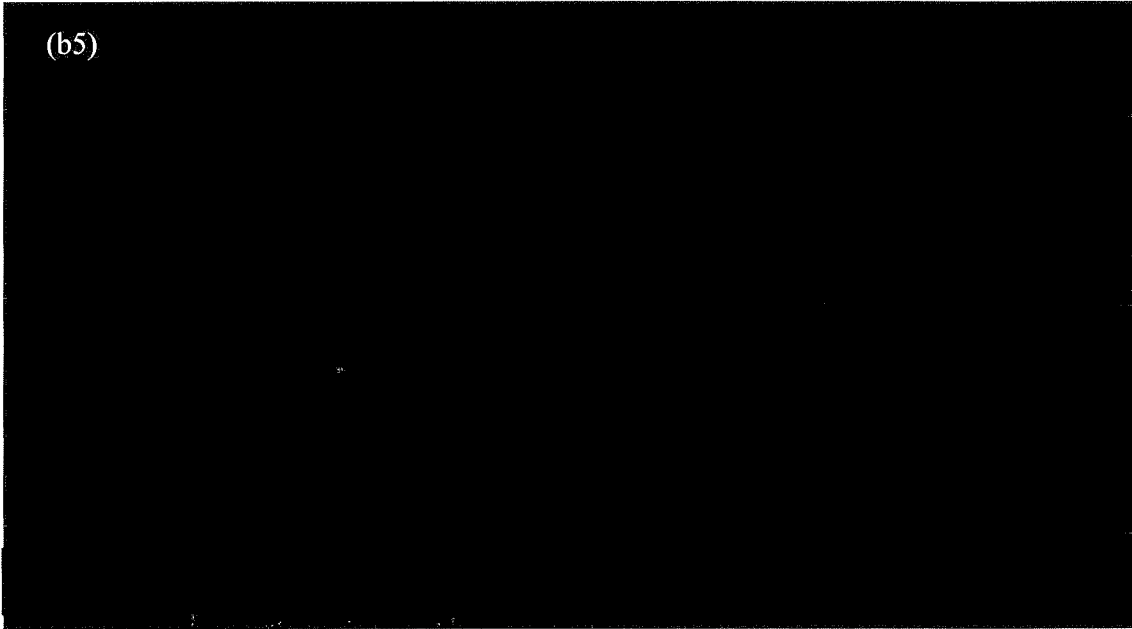
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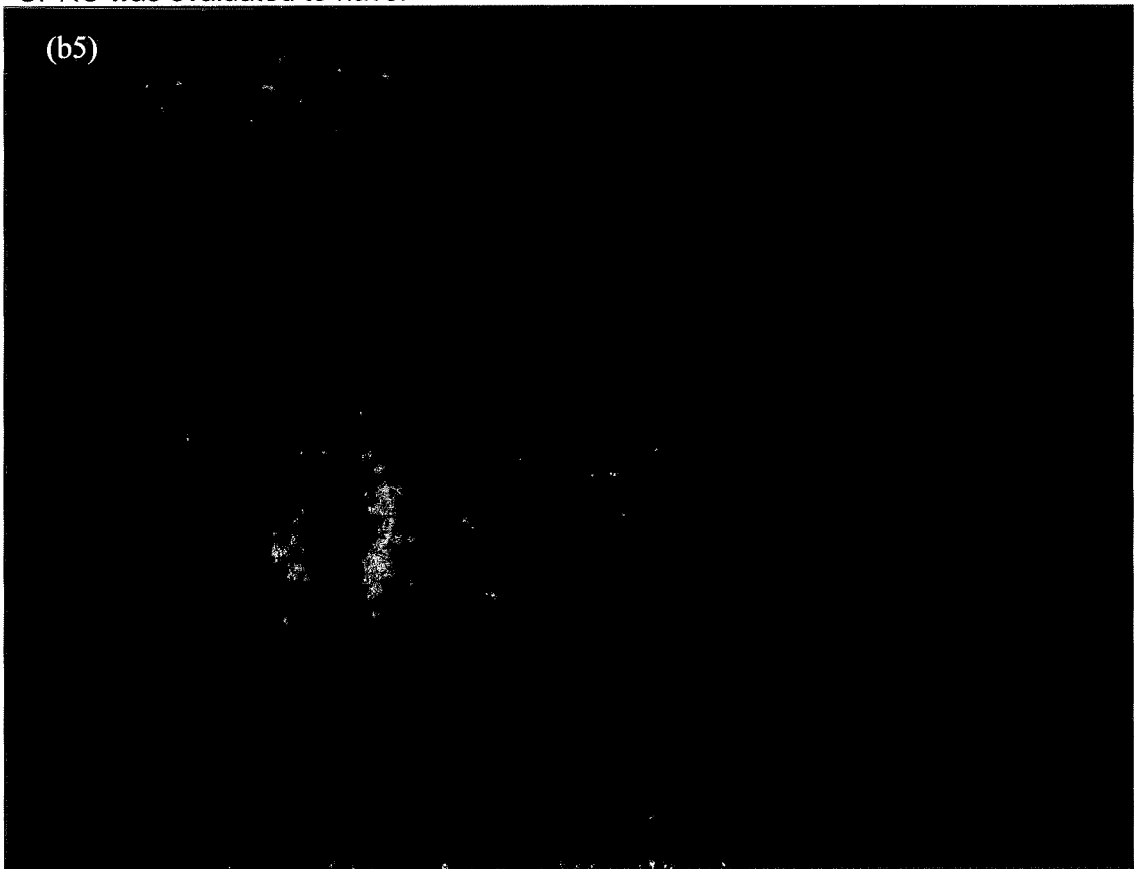


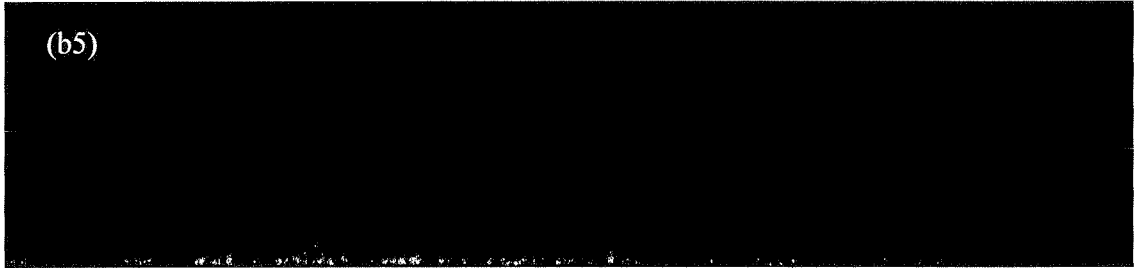
(b5)



(3) Adjectival Rating: Factor C – ESH&Q

CPRC was evaluated to have:





(b5)

Table V-5. Adjectival Rating: Factor C – ESH&Q

CPRC	[Redacted]
[Redacted]	[Redacted]

(b3)

(b5)

(d) Evaluation Factor D – Project Management

*DOE will evaluate the depth, quality, maturity, and effectiveness of the Offeror's proposed project management strategy and approach to implement all of the requirements of the Contract.*

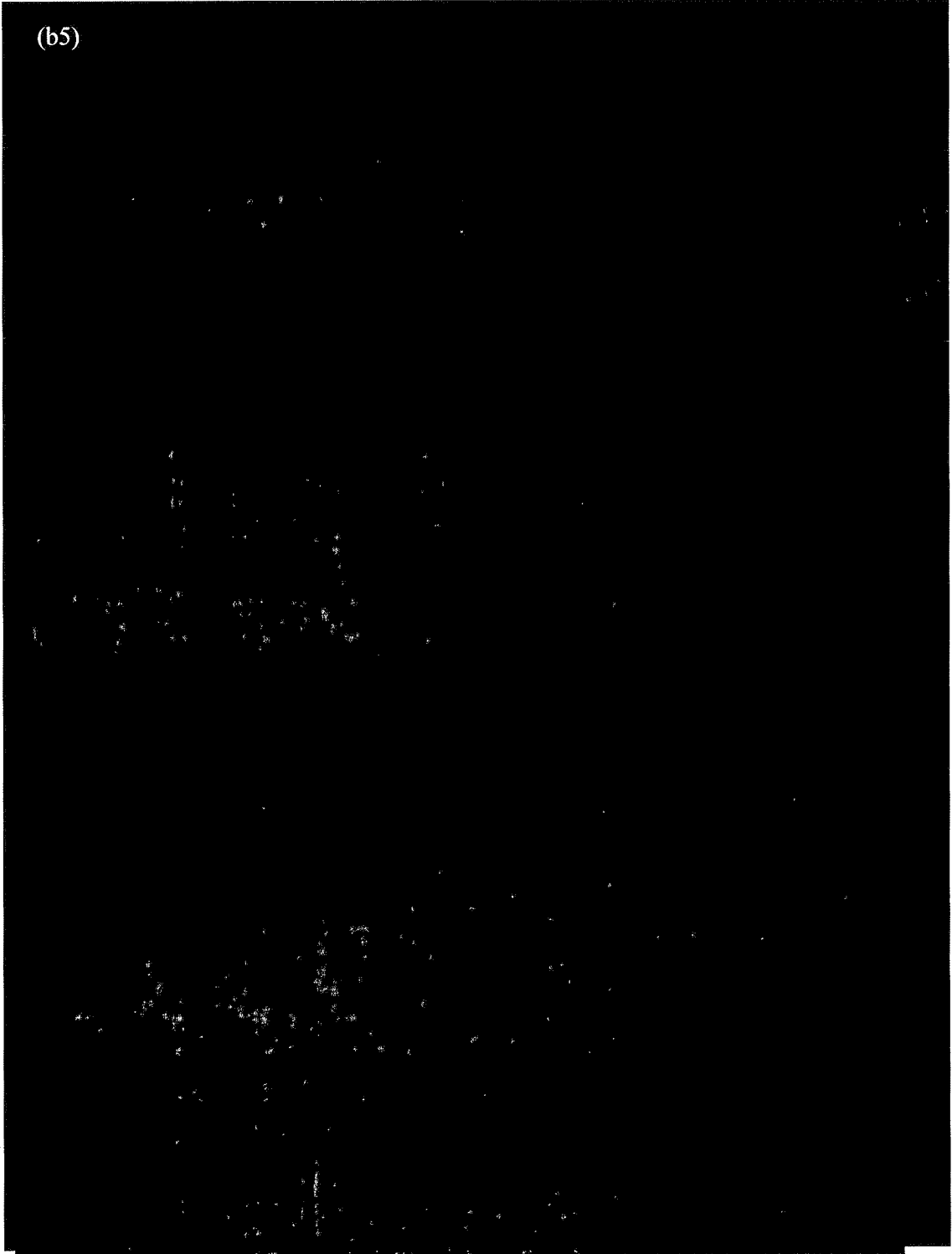
(1) Proposal Summary: Factor D – Project Management



(b5)

(2) Strengths and Weaknesses: Factor D – Project Management

**CPRC – Strength(s)**



(b5)



(b5)

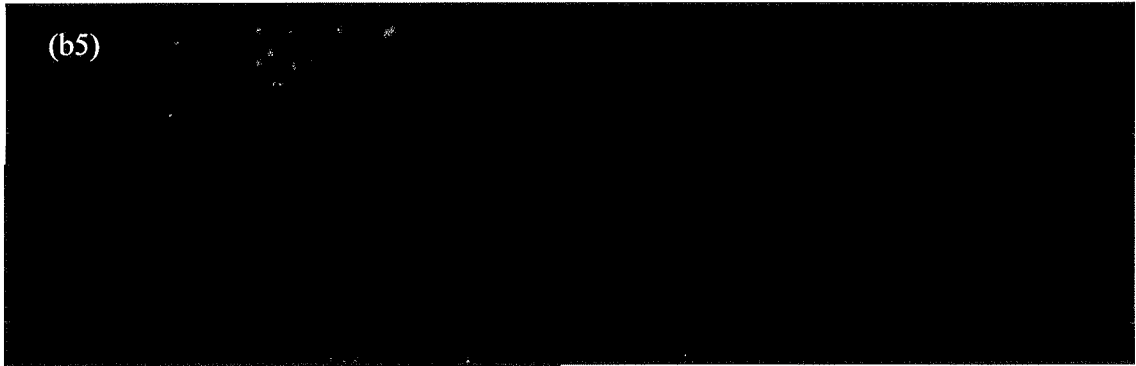
(b5)



(b5)







(3) Adjectival Rating: Factor D – Project Management

CPRC was evaluated to have:





(b5)

**Table V-6. Adjectival Rating: Factor D – Project Management**

CPRC	

(b3)

(b5)

(e) Evaluation Factor E – Past Performance

*DOE will evaluate the Offeror's (including each member of the Offeror's team as described in FAR Subpart 9.6, Contractor Team Arrangements) past performance on activities similar to the scope of this Contract in contract type, scope, complexity, duration, and risk; including an evaluation of the past performance of entity(ies) (other than the Offeror itself) proposed to perform portions of the Section C.2, Description of Project Performance Requirements in the context of the areas of the scope of work the entity(ies) is proposed to perform. DOE may consider relevant past performance information from independent data sources.*

*DOE will also evaluate the Offeror's (including each member of the Offeror's team as described in FAR Subpart 9.6, Contractor Team Arrangements) ESH&Q past performance.*

*For Offerors without a record of relevant past performance or for whom past performance information is not available, the Offeror will not be evaluated favorably or unfavorably.*

(1) Proposal Summary. Factor E – Past Performance

The Solicitation instructed Offerors to submit the following information regarding past performance:

- Solicitation Section L, Attachment L-6, *Offeror Past Performance Reference Information Worksheet and Questionnaire*, for each member of the Offeror's team in accordance with Section L, Provision L.18(c)(5)(i)(A-D).
- Solicitation Section L, Attachment L-7, *ESH&Q Past Performance Indicators*—one completed form from each team member (as described in FAR Subpart 9.6) in accordance with Section L, Provision L.18(c)(5)(ii).

As indicated above, the Solicitation stated that Offerors' past performance would be evaluated on activities similar to the scope of the PRC in "contract type, scope, complexity, duration, and/or risk; including an evaluation of the past performance of entity(ies) (other than the Offeror itself) proposed to perform portions of the Section

C.2, *Description of Project Performance Requirements* in the context of the areas of scope of work the entity(ies) is proposed to perform" [RFP at Provision M.4]. In evaluating past performance, the SEB considered the relevancy of the projects submitted for each Offeror. Because the relevancy considerations are applicable to both factor E, *Past Performance* and factor F, *Experience*, project relevancy is listed in one table for both factors in Appendix 5, Tables F-1 and F-2. The portion of factor E, *Past Performance*, related to the Section L, Attachment L-7, *ESH&Q Past Performance Indicators*, provided for each member of the Offeror team (as defined in FAR 9.601) cannot be isolated to a project or contract. ESH&Q past performance indicator data is maintained for the entire business entity, and therefore cannot be evaluated for relevancy by project or contract in the same manner as the past performance questionnaires or experience. DOE requested relevant ESH&Q information to assess the Offerors' past performance in these areas. DOE understands that certain indicators could have limited applicability depending upon the industry or sector a business entity serves. For example, DOE provides occupational safety oversight for its sites, instead of the Occupational Safety and Health Administration (OSHA), and therefore OSHA-defined indicators would not reflect DOE work. Similarly, conditional payment of fee (CPOF) and Price Anderson Act amendments (PAAA) actions are DOE-specific and would not be reported for entities with no DOE work. The SEB utilized applicable indicator data in developing strengths and weaknesses.

#### **Past Performance Questionnaires**

The SEB sent the past performance letter and questionnaire included in the Section L Attachment entitled *Offeror Past Performance Reference Information Worksheet and Questionnaire* to each of the three points of contact (POCs) identified by each of the Offerors as specified in the RFP [RFP at Provision L.18(c)(5)(i)]. Several POCs declined to complete questionnaires, primarily citing the lack of a direct contractual relationship or limited knowledge of the contractor's performance. The results of the past performance questionnaires can be found in Appendix 4 of this report.



In accordance with the RFP, the Government also considered relevant past performance information from independent data sources [RFP at Provision M.4]. One independent data source utilized was questionnaires completed by POCs identified on the Tank Operations Contract (TOC). The TOC, together with the PRC and the MSC are the three parts of the Hanford central plateau acquisition project and represent an overall management approach for the central plateau. The TOC and PRC acquisitions utilize the same Section L Attachment L-6 past performance questionnaire



The SEB's determination of project relevance for all questionnaires evaluated is shown in Appendix 5, Tables F-1 and F-2, with the basis for the determination shown in Tables F-3, F-3a, and F-4. Additional past performance information for each of the Offerors was obtained by research in the Federal Government's Past Performance Information Retrieval System (PPIRS) database and other commercial and governmental information sources.



DOE had access to roughly equal amounts of past performance information on each Offeror through the Attachment L-6 questionnaires. Information available in PPIRS was roughly equal, as well, which provided additional corroboration of information available from questionnaires.



The remarks portion of the Attachment L-6 questionnaires was also reviewed by the SEB. This information corroborated the quantitative information received on the Attachment L-6 questionnaires and was used in developing strengths and weaknesses.

#### **ESH&Q Past Performance Indicators**

The SEB also reviewed the specific ESH&Q past performance indicators of each Offeror. The narrative references portion of the Attachment L-7, *ESH&Q Past Performance Indicators* was reviewed by the SEB. The narrative information supported and corroborated the quantitative information received and was used in developing strengths and weaknesses. The results of the ESH&Q past performance indicators can be found in Appendix 4 of this report.

The CPRC proposal included Attachment L-7, *ESH&Q Past Performance Indicators* as required by Section L, Provision L.18(c)(5)(ii) for CH2M Hill Constructors Inc., AREVA NP, Inc., AREVA NC, Inc., Fluor, and M&EC [pp. Vol. II - L7-1 through L7-71].

[REDACTED]

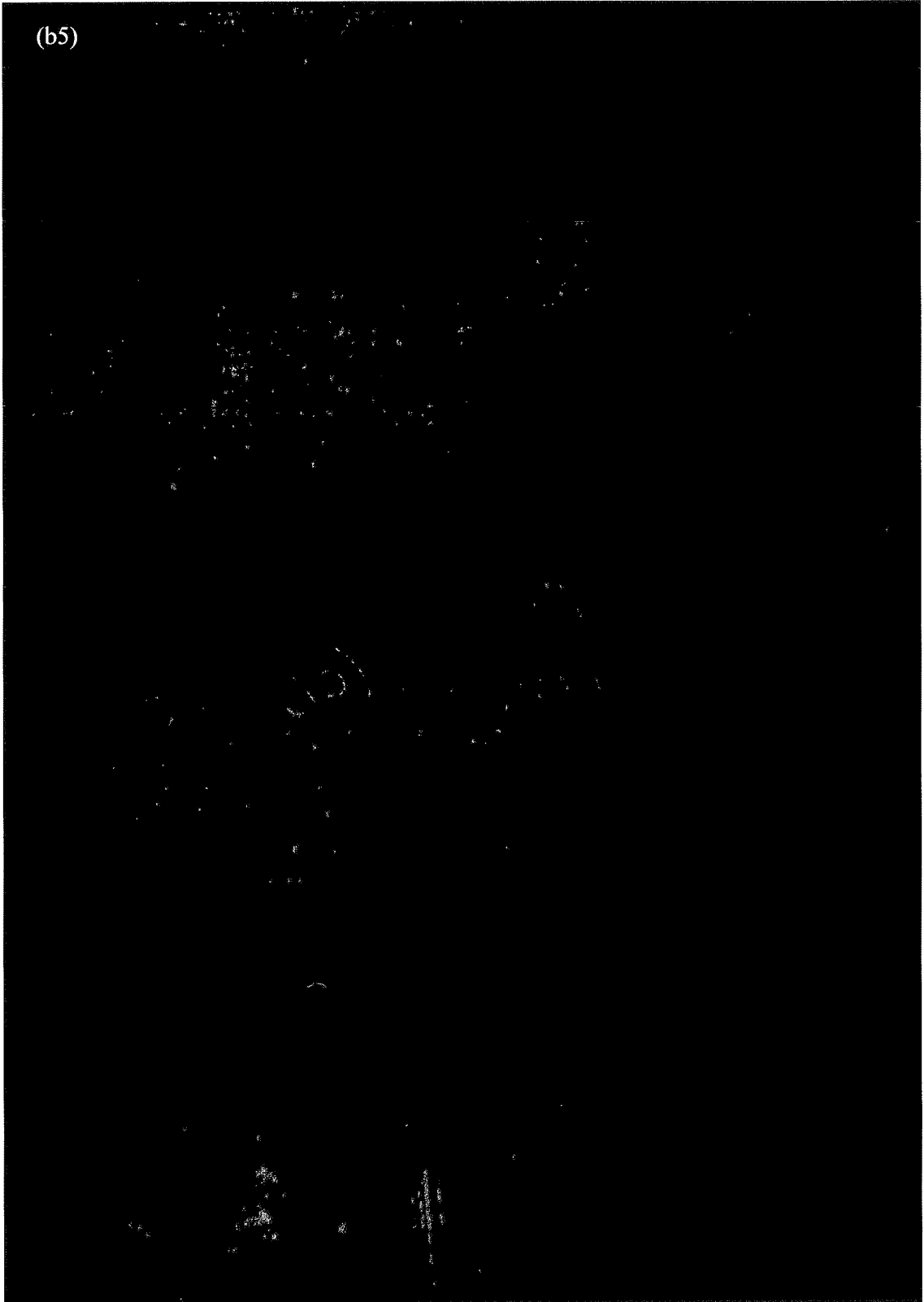
[REDACTED]

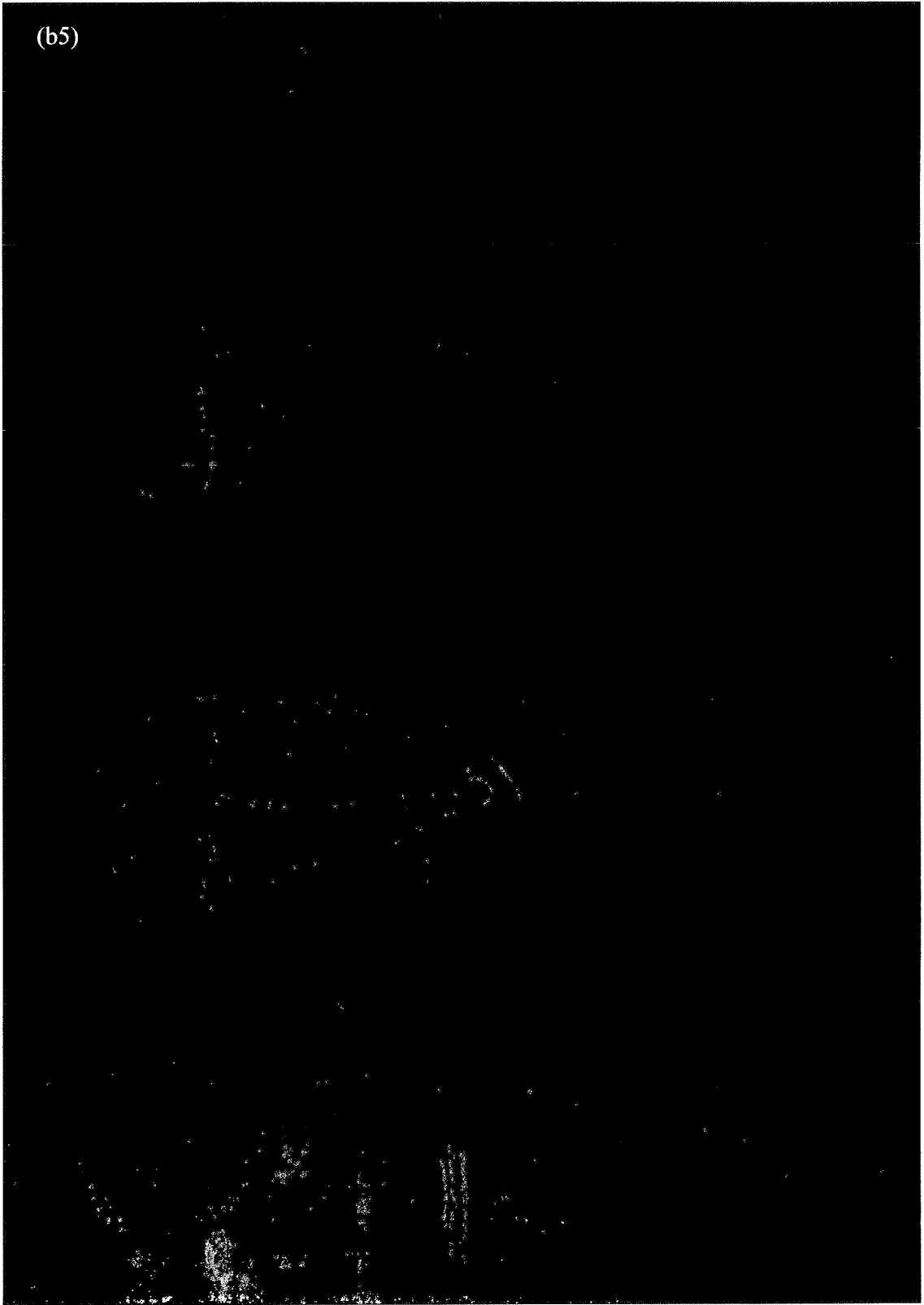
#### (2) Strengths and Weaknesses: Factor E – Past Performance

##### **CPRC – Strength(s)**

(b5)

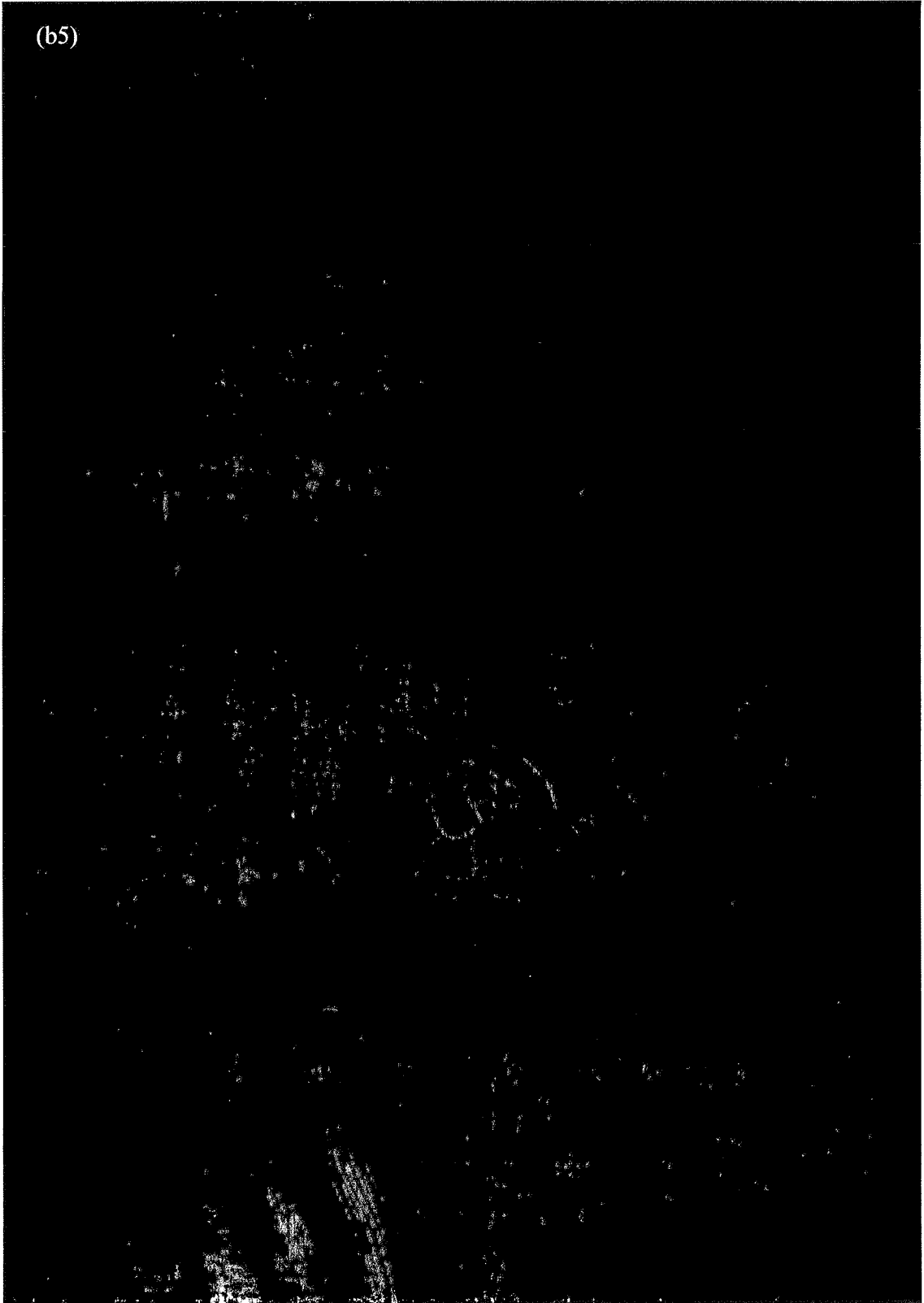
[REDACTED]











(b5)

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(3) Adjectival Rating: Factor E – Past Performance

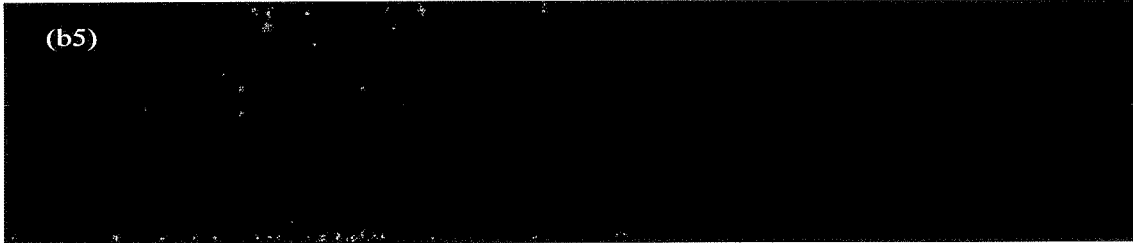
CPRC was evaluated to have:

(b5)

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(b5)

(b5)



(b5)

**Table V-7. Adjectival Rating: Factor E – Past Performance**

CPRC	

(b3)

(b5)

(f) Evaluation Factor F – Experience

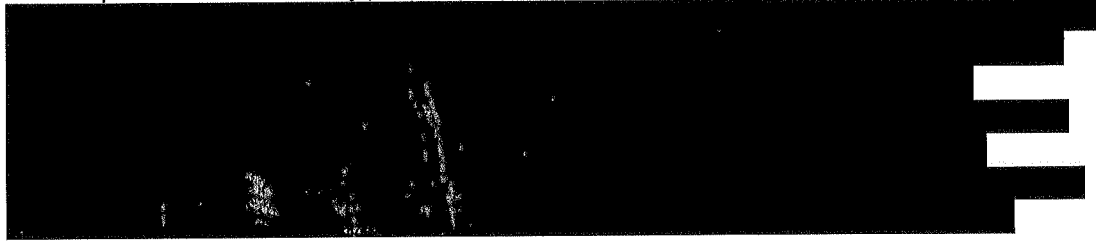
*DOE will evaluate the Offeror's relevant experience on activities similar to the work described in Section C.2, Description of Project Performance Requirements in contract type, scope, complexity, duration, and risk. This will include an evaluation of the experience of entity(ies) (other than the Offeror itself) proposed to perform portions of Section C.2, Description of Project Performance Requirements in the context of the areas of the scope of work the entity(ies) is proposed to perform.*

(1) Proposal Summary: Factor F – Experience

Offerors were required to provide information on relevant experience demonstrating capabilities to perform work similar to the work described in Section C.2, *Description of Project Performance Requirements* based on five characteristics listed in Section M, Evaluation Factor F in contract type, scope, complexity, duration, and risk. Only experience provided by the Offeror was considered in the evaluation.



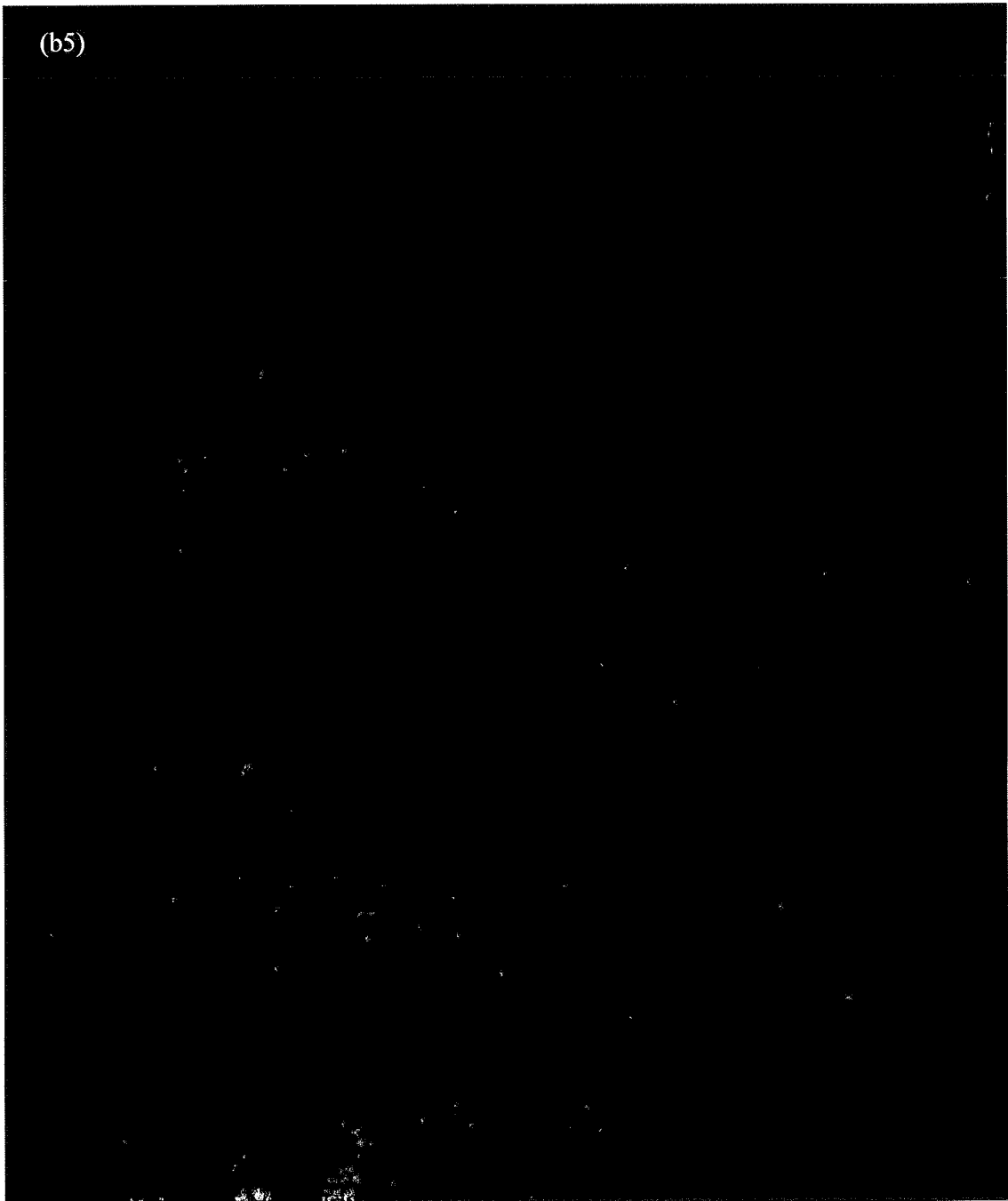
The RFP specified that for an entity(ies) other than the Offeror, experience would be evaluated in the context of the area(s) of the scope of work the entity(ies) is proposed to perform [RFP at Provision M.4]



(b5)

Tables F-1 and F-2, with the basis for the determination shown in Tables F-3, F-3a, and F-4, was considered an adequate basis from which to draw conclusions regarding the Offerors' experience; consequently, additional sources were not sought.

(2) Strengths and Weaknesses: Factor F – Experience



(b5)

(b5)

(3) Adjectival Rating: Factor F – Experience

CPRC was evaluated to have:

(b5)

(b5)

Table V-8. Adjectival Rating: Factor F – Experience

CPRC	

(b3)

(b5)

## VI. EVALUATION RESULTS – VOLUME III, COST AND FEE PROPOSAL

This section is divided into six subsections: (a) Evaluation Factor G – Cost and Fee; (b) Evaluated Price Summary; (c) Evaluation Process; (d) Evaluated Price Schedule; (e) Evaluated Price Analysis; and (f) Evaluated Price Analysis Summary and Discriminators.

Please note: Some numbers in this section may not add precisely to the value shown, due to rounding.

### (a) Evaluation Factor G – Cost and Fee

*Offerors that propose a total available fee outside the fee range specified in Solicitation Provision Section L entitled Proposal Preparation Instructions – Volume III, Cost and Fee Proposal will be deemed ineligible for award.*

*The cost and fee proposal will not be adjectivally rated or point scored, but it will be considered in the overall evaluation of proposals in determining the best value to the Government.*

*DOE will evaluate the Offeror's cost proposal for realism and reasonableness. The evaluation will result in the determination of a most probable cost for each Offeror.*

*The evaluated price used in the best value analysis will be the sum of the MPC and the proposed fee.*

*MPC + Proposed Fee = Evaluated Price\*  
(\* to be used in the best value analysis)*

(b) Evaluated Price Summary

**Table VI-1. Evaluated Price Summary**  
 (Transition + Base + Option Periods, \$ in K)

Cost and Fee Element	CPRC	
Offeror-Proposed Direct Cost		(b3)
Offeror-Proposed Fee Percentage (calculated by SEB)		(b4)
Offeror-Proposed Fee		(b5)
Offeror-Proposed Contract Price (including fee)		(b4)
Offeror-Proposed Escalation		(b5)
Offeror-Proposed Total Contract Price (including fee & escalation)	\$4,515,556	(b3)
Offeror-Proposed Direct Cost		(b4)
Offeror-Proposed Escalation		(b5)
SEB Adjustments – Cost Realism		(b3)
SEB Adjustments - DCAA		(b4)
Escalation on SEB Adjustments		(b5)
Most Probable Cost (including escalation)		(b3)
Offeror-Proposed Fee	\$203,190	
<b>SEB Evaluated Price</b>		

Please note: Some numbers may not add precisely, due to rounding.

(c) Evaluation Process

The SEB performed a cost realism analysis of each proposal to determine what DOE should realistically expect to pay for the proposed effort, the Offeror's fundamental understanding of the work, and the Offeror's ability to perform the PRC. Additionally, the SEB independently reviewed and evaluated each Offeror's cost proposal for cost reasonableness and realism using applicable techniques and processes described in FAR 15.404-1(c) and (d).

In performing the cost realism analysis, the SEB independently reviewed and evaluated each Offeror's proposed cost estimate and schedule to determine whether the estimated cost elements were: (1) realistic for the work to be performed; (2) reflected a clear understanding of the requirements; and (3) were consistent with the unique methods of performance and materials described in the Offeror's Volume II, *Technical and Management Proposal* and Volume III, *Cost and Fee Proposal*. The MPC was determined by adjusting the Offeror's proposed direct cost, when appropriate, to reflect any additions or reductions in cost based on the results of the cost realism analysis. The



cost realism analysis resulted in a determination of an SEB evaluated price, which is the sum of the MPC and the Offeror-proposed fee. The SEB evaluated price is supported by technical analysis of the Offeror's cost proposal.

Cost reference data (CRD) was provided to Offerors for information to assist in preparation of Offeror cost proposals. The CRD was derived from the government estimate for performance of work under the PRC. The government estimate and the CRD represent the current technical and management approach that provides a basis for the government's planning baseline for execution of work under the PRC. Presentation of CRD for Offeror information and potential use was not intended to limit the Offeror with respect to development and presentation of technical and management innovations in its technical and cost proposals for execution of work under the PRC.

The government estimate for execution of work under the PRC was used by the SEB as reference material to support its cost realism analysis of Offeror cost proposals. Application of the government estimate in evaluation of Offeror cost proposals was only in the context of a reference comparison as appropriate in determining cost realism. During the cost realism analysis, the government estimate was not applied in a manner that would result in changing the Offeror's proposed technical and management approach for execution of work under the PRC where that approach had been accepted by the SEB either in full or in part.

It should be noted that in performing the cost analysis for both reasonableness and realism, consistent with FAR 15.405, the SEB's primary concern is the cost the government will actually pay. The SEB evaluated price is the most important element of the cost evaluation, and is considered along with competitive forces in the acquisition, the contract type, the evaluation factors, and the best value model described in the RFP. For this reason, no single element of cost was controlling in the cost evaluation and any single element of cost was secondary in importance to the SEB evaluated price.

RFP Provision L.19 (a)(1) provided proposal instructions for the Offeror to support its proposed target cost and schedule as follows:

(1) Proposed Cost

The Offeror shall prepare its proposed cost information in accordance with the following instructions:

- Provide a narrative describing the Offeror's supporting rationale, the estimating methodologies used, and the basis of the data used in support of the proposed costs. Offers shall be sufficiently detailed to demonstrate reasonableness and realism. Overall assumptions used by the estimator to prepare the estimate shall be described.
- Provide proposed cost (in constant FY 2007 dollars) using the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. DOE intends to use the data provided in the cost table to create an Excel® Pivot table for the evaluation of the proposed cost information. Offerors shall populate all fields in

the table (Section L Attachment), except where numbers have been provided in the table. Offerors shall not alter or modify any of the provided values and shall use the provided values in the proposed cost. The proposed cost shall be prepared consistent with the narrative descriptions in the WBS Dictionary in the Section L Attachment entitled *Supplemental Data Tables for Proposal Preparation* at the WBS level specified in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*.

- Provide a BOE that thoroughly documents all estimates. The BOE may be incorporated into the estimate file or report (i.e., as a note field), or may be a stand-alone document that is separate from the estimate calculations. A BOE description shall be provided for each activity at the lowest level in the estimate. If the estimate is repeated within the proposal and would result in duplication of the BOE note multiple times, then that note may be shown at a sufficiently high level to cover all the instances where that estimate is used. In cases where parametric estimates or models are used, the BOE shall thoroughly describe each model type once, but a separate description is not required each time the model is used in the estimate. The BOE shall provide the Offeror's documentation of the following information:
  - Description of any detailed assumptions used by the estimator to prepare the estimate
  - Source(s) of estimate information
  - Summary of workscope
  - Unit costs and quantity of labor, materials, and equipment (where a unit cost estimate approach was used)
  - Parameters, values, model approach, and model calibration (where parametric estimates were used)
  - Labor information (where applicable), including manual and non-manual labor hours, unit rates, and productivity (where applicable)
  - Unit placement/performance rates (where available)
  - Subcontract costs
  - Escalation, including escalation rate(s) used, basis, and dollar amount
  - Other related information that provides clarity and understanding of the Offeror's BOE
- Provide a completed labor rate calculation spreadsheet that shows the complete build-up of labor rates used in the Offeror's proposal. The spreadsheet shall include, at a minimum, the bare rate, fringe benefits, absence adder, taxes and insurance, worker's compensation, etc. The Offeror shall not include items such as general and administrative (G&A) costs and indirect costs as stated in Section L.19 (a)(1)(v)(E).
- Other proposed cost preparation requirements:
  - All proposed cost information shall be fully traceable and consistent between the completed Section B table entitled *Contract Cost and Contract Fee*; the Section L Attachment entitled *Work Breakdown Structure/Cost*

*Data; and the information required in Provision L.18, Factor A, Plateau Remediation Technical and Management Approach.*

- The CRD provided on the website established for the Hanford central plateau acquisitions (MSC, PRC, and TOC) were developed using MII software. A copy of the MII estimating software and the supporting data base is available for use by the Offerors. Eligible Offerors who have been provided a password in accordance with Section L Provision entitled *Proposal Preparation Instructions – General Information*, may download a copy of the MII software from the secure website established for this Solicitation. If the Offerors wish to procure training or support services for the MII software, contact the software developer, Project Time and Cost (PT&C) directly. The PT&C point of contact is Mr. Ken Roberts at (770) 444-9799.
- Estimating software (except for the MII software provided on the secure website), software data files, software license(s), software user's manual(s), and any proprietary software used to prepare the estimate shall be included in the proposal. For such estimating software and information, the contractor shall grant to DOE and others acting on its behalf, a paid-up nonexclusive, irrevocable worldwide license, in such copyrighted software to reproduce, prepare derivative works, and use as otherwise necessary for this Solicitation by or on behalf of DOE. The proposal shall also include all parametric models and assemblies used to develop the proposed costs. The parametric models and assemblies shall be provided in their native files along with supporting information and basis.
- All proposed cost information shall be fully traceable between the detailed costs of the estimating software used and the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. Examples of the type of information that would provide traceability include spreadsheets with formulas that sum the detailed costs from the lowest level of the estimate through the intermediate WBS levels. It is not acceptable to provide a diagram describing the process used to sum costs through the WBS levels.
- All costs, including those normally considered indirect, general and administrative, etc., shall be directly estimated, not spread across multiple WBS elements and shall be applied to a specific WBS element in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*, and consistent with the WBS Dictionary in the Section L Attachment entitled *Supplemental Data Tables for Proposal Preparation*.
- The Offeror shall not modify table formats of the cost data table in Section L Attachment entitled *Work Breakdown Structure/Cost Data*.
- The Contract includes Section I Clause entitled FAR 52.215-17, *Waiver of Facilities Capital Cost of Money*; thus, as a condition of award, the Offeror shall not propose facilities capital cost of money.

- The Offerors shall assume for proposal preparation purposes that available funding shall not exceed \$800M in any one fiscal year for proposed contract cost (as defined in the Section B Clause entitled *Contract Cost and Contract Fee*). Note: Annual budgets are subject to congressional authorization and budget targets for succeeding years are subject to the Federal budget process and both will be provided to the contractor following award and annually thereafter.
- The cost proposal for remediation of all structures, waste sites, and pipelines; and for construction of barriers (WBS elements 040.02 and 041.02) shall be based on and consistent with the data provided in the Section L Attachment entitled *Supplemental Data Tables for Proposal Preparation*.

## (2) Proposed Schedule

Provide a resource-loaded P3 schedule that shows individual activities for each WBS element in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. For those WBS elements that have a DOE-provided cost, the schedule shall reflect the provided cost as a resource, consistent with the fiscal year allocation in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. The schedule activities shall be presented at one level of detail below the Section L Attachment entitled *Work Breakdown Structure/Cost Data*. The schedule shall include logic ties. This schedule shall be fully traceable to Volume II, *Technical and Management Proposal*.

The technical and management approach shall result in a schedule that complies with the schedule milestones and constraints provided in the project milestones table in the Section L Attachment entitled *Supplemental Data Tables for Proposal Preparation*.

## (3) Proposed Fee

- The Offeror shall submit proposed fee in Section B table entitled *Contract Cost and Contract Fee*.
- Proposed fee shall not be less than 5%, or exceed 10% of the cost basis established below, for each contract period, excluding transition.
- The cost basis for total available fee is the contract cost excluding:
  - Pass-through funding provided to other contractors for Hanford Site services identified in the Section J Attachment entitled *Hanford Site Services and Interface Requirements Matrix*.
  - Costs associated with work-for-others performed under Section I Clause entitled *DEAR 970 5217-1, Work-for-Others Program*.

- Costs associated with sponsorship, management, administration and/or contributions for any defined benefit pension plan.

(d) Evaluated Price Schedule

**Table VI-2. Evaluated Price Summary – CPRC**  
 (Transition + Base + Option Periods, \$ in K)

WBS	Description	CRD	Offeror Proposed	SEB Adjustment	SEB Calculation <sup>5</sup>
040.07	Transition				
000	Services				
011	Plutonium Finishing Plant				
012	K Basin Closure				
013/080	Waste Management				
030	Groundwater Remediation				
040	Nuclear Facility D&D				
041	River Corridor (100 K Area/618-10 & 618-11)				
042	Fast Flux Test Facility				
	Total				
SEB Adjustments - DCAA					
Total					
Escalation					
Most Probable Cost (including escalation)					
CPRC-Proposed Fee					\$203,190
<b>SEB Evaluated Price</b>					

Please note: Some numbers may not add precisely, due to rounding.

<sup>5</sup> Defined as Offeror-proposed and SEB adjustments for each entry in this table.

(b5)  
 (b4)  
 (b3)

**Table VI-3. Evaluated Price Summary – [REDACTED]**  
 (Transition + Base + Option Periods, \$ in K)

(b3)

WBS	Description	CRD	Offeror Proposed	SEB Adjustment	SEB Calculation
040.07	Transition				
000	Services				
011	Plutonium Finishing Plant				
012	K Basin Closure				
013/080	Waste Management				
030	Groundwater Remediation				
040	Nuclear Facility D&D				
041	River Corridor (K Area/618-10 & 618-11)				
042	Fast Flux Test Facility				
	Total				
SEB Adjustments - DCAA Recommendations					
	Total				
Escalation					
Most Probable Cost (including escalation)					
EWTH-Proposed Fee					
<b>SEB Evaluated Price</b>					

(b3)  
 (b4)  
 (b5)

Please note: Some numbers may not add precisely, due to rounding.

(e) Evaluated Price Analysis

Since RL's WBS, WBS Dictionary, and government estimate were developed with more detail than what was required by the RFP for each Offeror's cost proposal, a detailed comparison of the Offeror's proposal was possible down to any level of the WBS the Offeror provided. The SEB was able to utilize this greater level of detail to evaluate each Offeror's cost proposal against its technical and management proposal.

The SEB obtained Defense Contract Audit Agency (DCAA) audit assistance as part of its analysis in accordance with FAR 15.404-2(c) (DCAA Audit Report No. 3231-2008M27000002 and DCAA Audit Report No. 3121-2008B27000003, both dated December 14, 2007). The DCAA evaluated each Offeror's cost estimate, labor rates and burdens, financial capability, and accounting system.

Results of the SEB and DCAA reviews are summarized for each Offeror in the sections which follow.

**CPRC**

(b5)

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Proposed Cost

(b5)

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(b5)

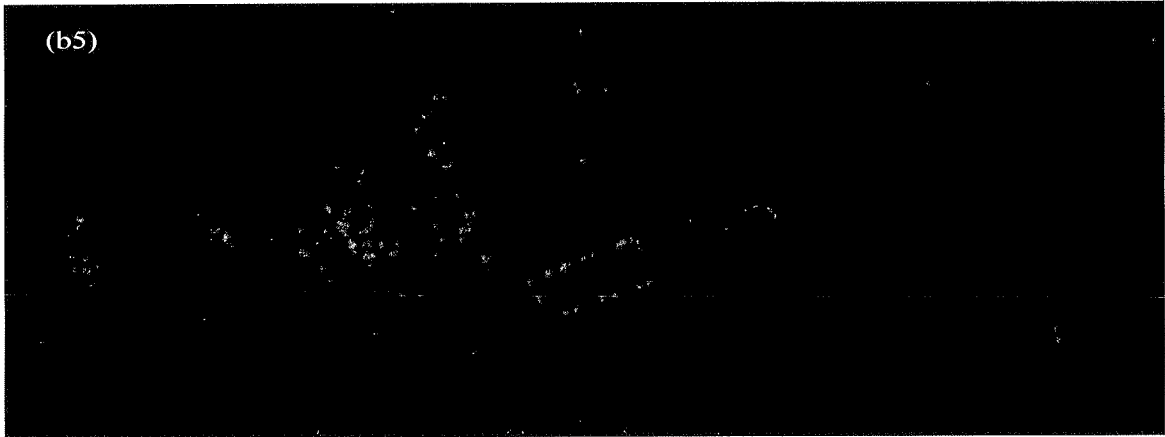
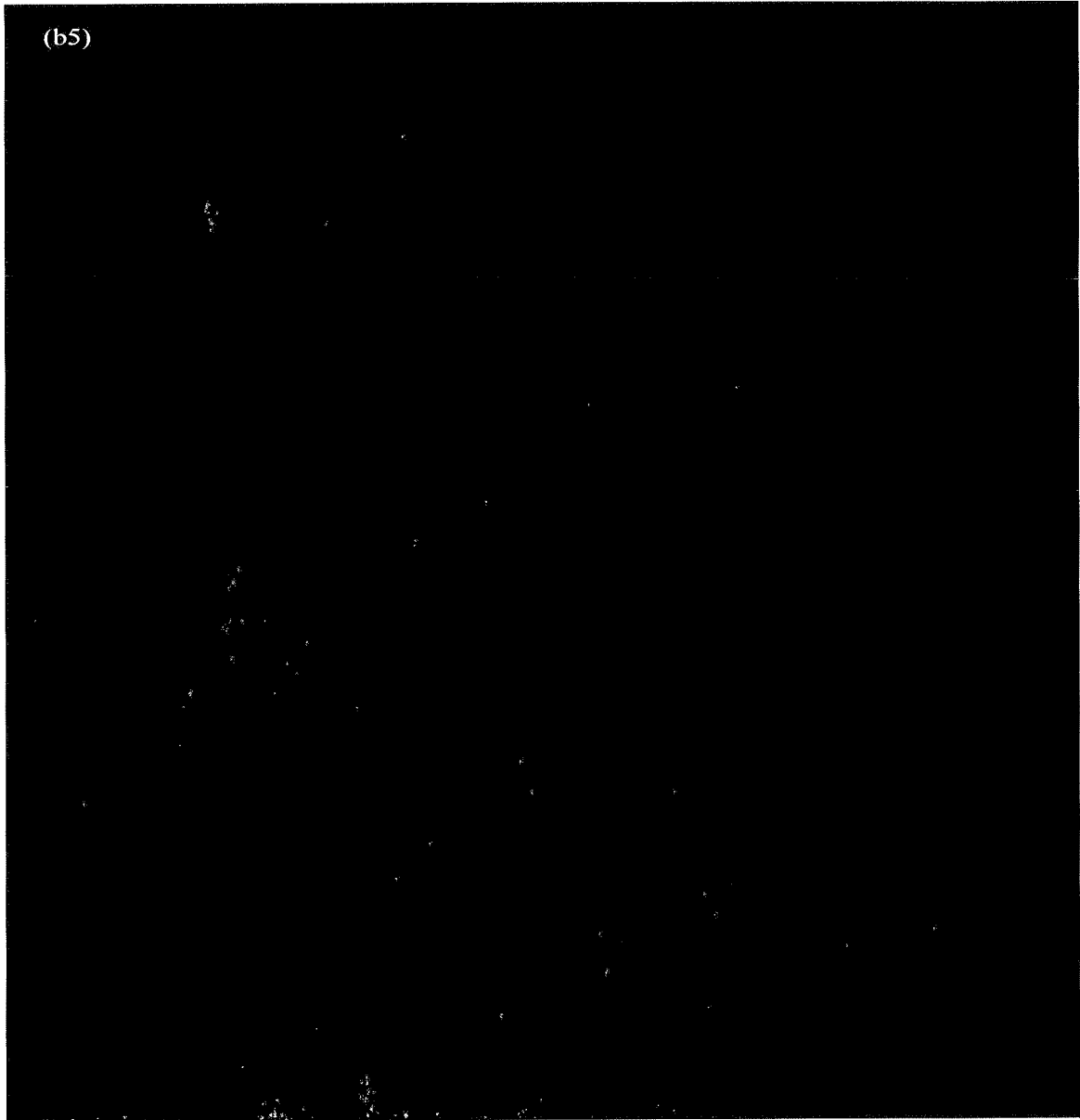


Table VI-4. DCAA Report Reconciliation – CPRC

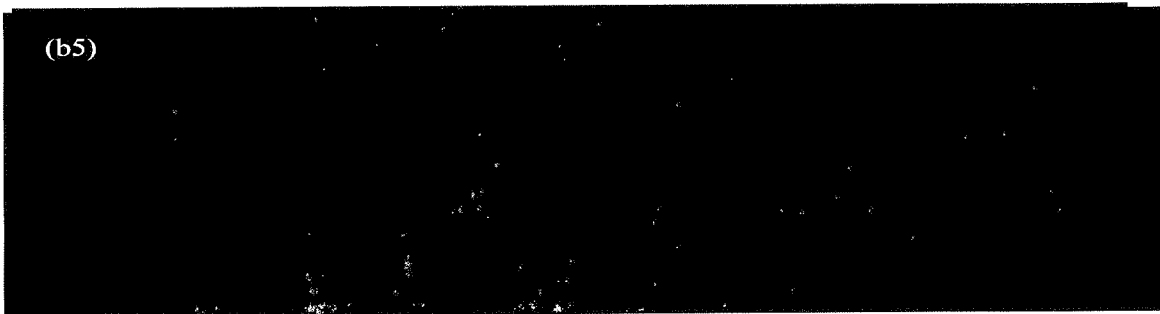
Cost Element	Summary Analysis
[Redacted content]	





(b5)

Proposed Schedule



(b5)

(b5)

Proposed Fee

(b5)

Accounting System

(b5)

Financial Capability

(b5)

Proposed Cost

(b5)

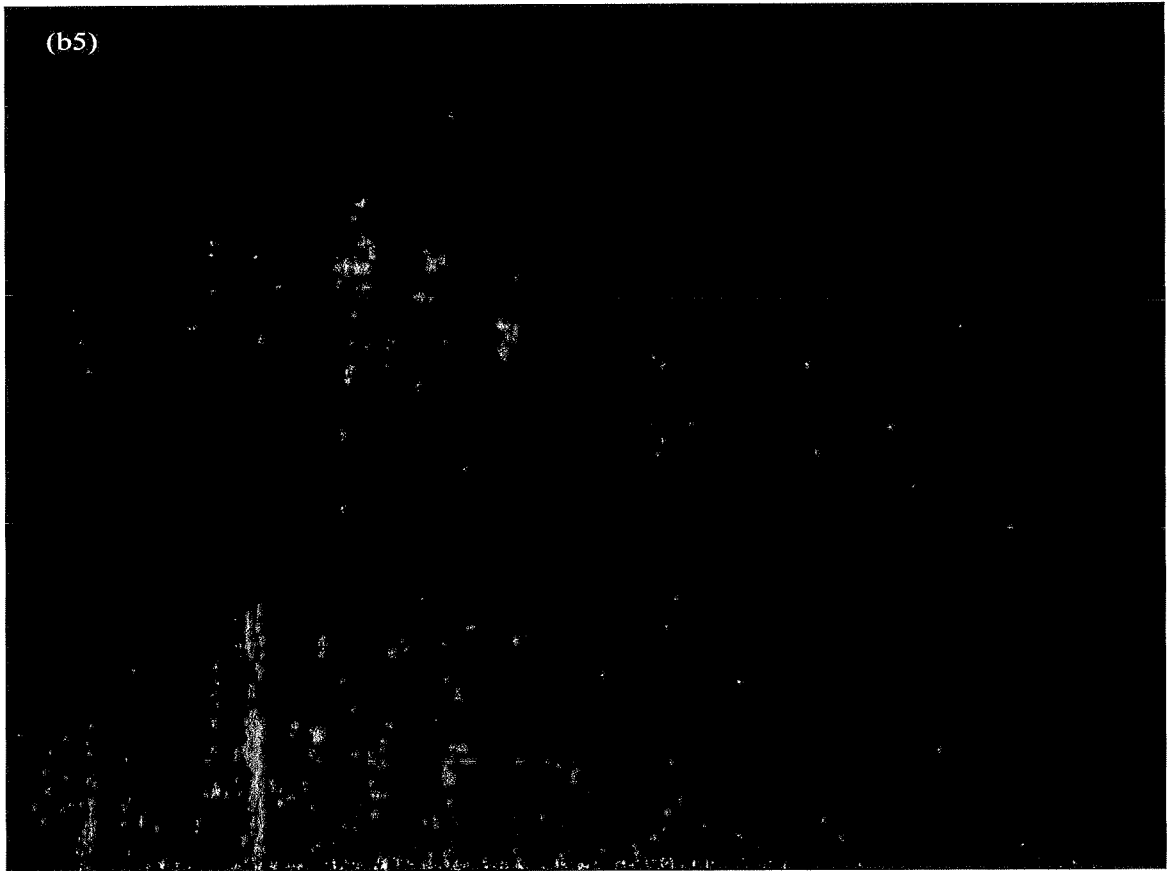


Table VI-5. DCAA Report Reconciliation - [REDACTED]

(b3)

Cost Element	Summary Analysis
[REDACTED]	

(b5)

(b5)

[REDACTED]	
------------	--

(b5)

(b5)

Proposed Schedule

(b5)

Proposed Fee

(b5)

Accounting System

(b5)

Financial Capability

(b5)

(b5)

(f) Evaluated Price Analysis Summary and Discriminators

Based on SEB evaluation of both Offeror's cost proposals, it was determined that [REDACTED] (b5) provided the lowest SEB evaluated price at [REDACTED] compared to the [REDACTED] SEB (b3)(b4) evaluated price at [REDACTED]

## Appendix 1. Listing of Amendments

### Amendment A001:

The purpose of this amendment is to correct the proposal due date shown in block 9 of the Standard Form 33, Solicitation, Offer and Award. The date is changed from "09/22/2007" (Saturday) to "09/21/2007" (Friday).

- A corrected SF33 is included as page 2 of this amendment.

### Amendment A002:

The following Section J attachments are replaced:

- Section J Attachment J.13, Hanford Site Structures List. Changes made to this table were limited to geographical zone identification and 100 K and 600 Area post-transition contractor assignments.
- Section J Attachment J.14, Hanford Waste Site Assignment List. Changes made to this table were limited to geographical zone identification and 100K and 600 Area post-transition contractor assignments.

The following attachments are provided in separate file attachments:

- Section J Attachment J.11, CLIN Assignment Against Contract Structure (Microsoft Excel file)
- Section L Attachment L-4, WBS/Cost Data (Microsoft Excel file)
- Section L Attachment L-8, WBS (Microsoft Excel file)
- Section L Attachment L-8, WBS Dictionary (Microsoft Access file)
- Section L Attachment L-8, Project Milestones Table (Microsoft Excel file)
- Section L Attachment L-8, Structures Supplemental Instructions Table (Microsoft Excel file)
- Section L Attachment L-8, Waste Site Supplemental Instructions Table (Microsoft Excel file)

### Amendment A003:

The following Section L attachments are replaced:

- Section L Attachment L-8, Structures Supplemental Instructions Table. Changes are as follows:
  - Structures identified as "105KE" and "105KW" on page 1 have been removed. No supplemental information was required for these structures.

- Structures identified as “252A,” “252AB,” and “252AC” on page 2 have been changed to read, “No estimate required; MSC to operate/disposition” in the column entitled “Solicitation Notes: Estimating Instructions.”
- Structures identified as “203U,” “222U,” and “2716A” on page 4 have been changed to read, “Estimate required; however, note that facility may be dispositioned by others prior to transition” in the column entitled “Solicitation Notes: Estimating Instructions.”
- Structure identified as “207S” on page 4 has been changed to read, “No separate estimate required; include with 207S Redox Retention Basin remediation” in the column entitled “Solicitation Notes: Estimating Instructions.”
- Section L Attachment L-8, Waste Site Supplemental Instructions Table. Changes are as follows:
  - In each line where the column entitled, “Solicitation Notes: Estimating Instructions” contained the note, “No estimate required; assume waste closed when corresponding structure removed,” the word “site” has been inserted after the word “waste” in the sentence.
  - Waste sites identified as “204-AR” and “215-C” on page 3 have been changed to read, “No estimate required; assume waste site closed when corresponding structure removed” in the column entitled “Solicitation Notes: Estimating Instructions.”

The Section L Attachment entitled “Structures, Waste Site, Pipeline, and Barrier Parameter Table” (Microsoft Excel File) is provided in a separate file attachment.

**Amendment A004:**

Section A

Section A, Solicitation, Offeror and Award Form: Blocks 1 and 11 are updated to reflect the change in total number of pages and pages by section resulting from this amendment.

Section B

Page B-2, Clause B.2 entitled *Item(s) Being Acquired*, paragraph (b)(3)(v): The following phrase is inserted at the end of this paragraph, “in the event that these activities are not completed under the River Corridor Closure Contract.”

Page B-4, footnote number 2: The following parenthetical phrase is inserted after the words “fiscal year,” “(in escalated dollars).”



## Section C

Page C-ii: The Table of Contents is changed for C.4, Government-Furnished Services and Information (GFS/I), to show the revised page number 73.

Page C-7, third paragraph on the page: The number of “casks of un-irradiated fuel” is corrected to read, “13 casks of un-irradiated fuel.”

Page C-28, Subsection C.2.4, *Groundwater Vadose Zone Project and Soil Remediation Decision Documents*, under the subheading Background: The sixth bullet, “Ecological Risk Assessments,” is deleted, as these activities are anticipated to be complete prior to the PRC period of performance.

Page C-32, Subsection C.2.4.3, *Modeling and Risk Assessment*, under the subheading General Scope: The second sentence beginning with, “The Contractor shall complete,” is removed.

Page C-33, Subsection C.2.4.3, *Modeling and Risk Assessment*, under the subheading Detailed Scope and Requirements: The third bullet beginning with, “Conduct, maintain, update and revise the central plateau,” is removed.

Pages C-42 and C-43, Subsection C.2.6.1, *Maintain Safe and Compliant FFTF Complex*, and C.2.6.2, *FFTF Shutdown Activities*, are rewritten, replacing and/or deleting paragraphs consistent with the change made to the Section J Attachment at J.11, *Supplemental Work Description Tables*.

Page C-47, Subsection C.2.8, *618-10 & 618-11 Burial Ground Remediation*, under the subheading General Scope: The following phrase is inserted at the end of the first paragraph, “in the event that these activities are not completed under the RCCC.”

Page C-59: The revision number identified for the third bulleted item, DOE/CBFO-94-1012, DOE Carlsbad Field Office, *Quality Assurance Program Description*, is changed to Revision 8.

Page C-59: The revision number identified for the fourth bulleted item, DOE/RW-0333P, DOE Office of Civilian Radioactive Waste management, *Quality Assurance Requirements and Description*, is changed to “Revision 18.”

Page C-67 and C-68: Subsection C.3.3.1.7, *Cyber Security*, is rewritten, replacing and/or inserting paragraphs that clarify classified and unclassified cyber security requirements. Replacement pages are provided for the remainder of Section C through page C-78, without any changes due to the change in pagination.

## Section H

Page H-22, Clause H.19 entitled *Environmental Responsibility*, paragraph (b)(2):

- The title, “Contractor and DOE as Joint Permittees” is changed to, “DOE as Permittee, or Contractor and DOE as Joint Permittees.”

- The second sentence is revised to add “permittee,” after the phrase, “DOE will sign permits as.”
- Page H-34, Clause H.33 entitled *Separate Corporate Entity*, first sentence: The words, “Plateau Remediation,” are added before the words “Contract activities.”

## Section J

J-i: The number of pages is updated for Attachments J.11, *Supplemental Work Description Tables*, J.13, *Hanford Site Structure List*, and J.14, *Hanford Waste Site Assignment List*. Changes for these attachments are identified below.

Attachment J.11, *Supplemental Work Description Tables*: The tables entitled “FFTF Systems Remaining to be Dispositioned,” and “FFTF Systems/Buildings to Remain Operable or Partially Operable During S&M Period,” are removed from this attachment.

Attachment J.13, *Hanford Site Structure List*: This attachment is replaced in its entirety. The changes made to the attachment include removal of the “Sort,” “Facility Bin” and “Current Lifecycle” columns, because this data was not required to prepare an offer. Additional row height and column width changes were made to refit the table to a portrait-style page format; however, no changes were made in the assignment or identification of individual structures.

Attachment J.14, *Hanford Waste Site Assignment List*: This attachment is replaced in its entirety. The changes made to the attachment include removal of the “Operable Unit” column, because this data is currently provided in Appendix C to the *Hanford Federal Facility Agreement and Consent Order*, and a column title change from “Designated Area” to “Hanford Geographic Area,” was made in order to be consistent with the titles used in other attachments. Additional row height and column width changes were made to refit the table to a portrait-style page format; however, no changes were made in the assignment or identification of individual waste sites.

## Section L

Page L-6, Provision L.14 entitled *Questions on Solicitation*: The last sentence of this Provision is modified to allow Offerors to submit questions until August 21, 2007.

Page L-10, Table L-1:

- At the end of the sentence describing proposal page specifications and instructions under the heading “Page Numbering,” the parenthetical phrase, “(excluding Volume III – Financial Statements, Annual Reports, and Estimating Software Manual)” is added.
- In the bulleted list describing proposal page specifications and instructions under the heading “Page Count,” a bullet is added, stating “8½” X 11” paper shall be printed on both sides of the paper, 11” X 17” paper shall be printed on one side of the paper.”

Page L-11, Table L-2:

- In the column entitled "Page Limitations," for Volume II, Technical – Management, Offeror's Oral Presentation Materials, the parenthetical phrase, "(Separately Bound)" is added following the words "No Page Limit."
- In the column entitled Proposal Volume Title for Volume II, Technical – Management, Offeror Reference Information Worksheet and ESH&Q Past Performance Indicators, the word "Offeror" is removed from the title.
- In the column entitled "Page Limitations," for Volume II, Technical – Management, Reference Information Worksheet and ESH&Q Past Performance Indicators, the words "No Page Limit" are replaced with, "2 pages per Reference Information Worksheet; no page limit for ESH&Q Past Performance Indicators."

Page L-15, Provision L.18, *Proposal Preparation Instructions – Volume II, Technical and Management Proposal*, paragraph (b)(4)(ii): The wording of this paragraph is modified to allow corporate officers to attend and present only during the Offeror formal presentation segment of the oral presentations.

Page L-17, Provision L.18, *Proposal Preparation Instructions – Volume II, Technical and Management Proposal* paragraph (c)(1): The following phrase is added to the end of the first sentence after the heading Written Proposal Information, "excluding those WBS elements where the Offeror's direct cost has been provided in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*."

Page L-18, Provision L.18, *Proposal Preparation Instructions – Volume II, Technical and Management Proposal*, paragraph (c)(1):

- The first sentence is changed to read as follows (inserted words shown by underline): "The technical/management approach discussion shall be organized in accordance with the WBS and consistent with the narrative descriptions in the *Work Breakdown Structure Dictionary* provided in the Section L Attachment entitled *Supplemental Data Tables for Proposal Preparation*."
- In the second sentence after the words, "provided that it is clear where the approach is applicable," the following parenthetical phrase is inserted, "(specifically identify applicable WBS element numbers)."

Page L-19: A replacement page is provided due to the change in pagination. No changes are made in the text now shown on Page L-19.

Page L-20, Provision L.18, *Proposal Preparation Instructions – Volume II, Technical and Management Proposal*:

- In paragraph (c)(2), under the heading “Factor B: Organizational Structure and Key Personnel,” at the end of the last paragraph at the top of page L-20, the last line is revised to (inserts identified by underline), “to Evaluation Factors A and D.”
- In paragraph (c)(3), under the heading, “Factor C: Environment, Safety, Health and Quality (ESH&Q),” the following phrase is inserted at the end of the sentence under the heading, Oral Presentation: “programs and processes to implement all of the requirements of the Contract.”
- In paragraph (c)(4), under the heading, “Factor D: Project Management, in the first sentence under the heading, Written Proposal: The phrase “and approach,” is inserted after the words, “The Offeror’s proposal shall describe its strategy.”

Page L-21, Provision L.18, *Proposal Preparation Instructions – Volume II, Technical and Management Proposal*, paragraph (c)(5)(i):

- The second paragraph beginning with the words, “The Offeror shall submit the Section L Attachment,” is deleted.
- In subparagraphs (C) and (D), the phrases “Section L Attachment entitled, *Offeror Past Performance*,” and “*and Questionnaire*,” are deleted.

Page L-22, Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*: The third paragraph, beginning with the words “The Offeror shall provide a completed Section B Table” is deleted.

Page L-23, Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*, paragraph (a)(1)(ii): In the sentence that begins with “The proposed cost shall be prepared consistent with the,” the words “scope description and assumptions” are replaced with “narrative descriptions.”

Page L-24, Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*, paragraph (a)(1)(iv): The word “estimate” in the first sentence is changed to “Offeror’s proposal.”

Page L-25, Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*, paragraph (a)(2): The title of the Section L Attachment referenced three times in the first paragraph is corrected to read (deleted letter shown by strikeout text), “*Work Breakdown Structure/Costs Data*.”

Page L-40, Attachment L-6, *Offeror Past-Performance Reference Information Worksheet and Questionnaire*, Block 12 of the *Reference Information Worksheet*:

- The parenthetical phrase following the word “Description” is revised to reference subparagraph (5) of Section L.18(c).

- The italicized note is revised to replace the word “sheet” with “page” in both places where it is used.

Page L-41, Attachment L-6, *Offeror Past-Performance Reference Information Worksheet and Questionnaire, Instructions for Completing the Reference Information Worksheet*: The Item 12 reference is revised to reference subparagraph (5) of Section L.18(c).

Page L-42, Attachment L-6, *Offeror Past-Performance Reference Information Worksheet and Questionnaire, Past Performance Letter*: The number of questions in the second paragraph is corrected to read “14 questions.”

Page L-43, Attachment L-6, *Offeror Past-Performance Reference Information Worksheet and Questionnaire, Past Performance Questionnaire*: The number for which the rating scale applies is changed to “Questions 1-13.”

Page L-44, Attachment L-6, *Offeror Past-Performance Reference Information Worksheet and Questionnaire, Past Performance Questionnaire*: The number of questions for which remarks are requested is changed to “Questions 1-14.”

#### Section M

M-1, Provision M.2, *Basis for Contract Award*, first sentence of the second paragraph: The word “criteria” is replaced with “factors” for consistency with the use of the term “factor” elsewhere in sections L and M.

Page M-2, Provision M.4, *Evaluation Factors*, under the heading, “Factor A: Plateau Remediation Technical and Management Approach:” The following phrase is added at the end of the sentence: “except for any WBS element where the value has been provided as the Offeror’s direct cost in the Section L Attachment entitled *Work Breakdown Structure/Cost Data*.”

Page M-3, Provision M.4, *Evaluation Factors*: Under the heading, “Factor B: Organizational Structure and Key Personnel,” at the end of the first paragraph on page M-3, the last line is revised to (inserts identified by underline), “response to evaluation factors A and D.”

Page M-3, Provision M.4, *Evaluation Factors*: Under the heading, “Factor C: Environment, Safety, Health and Quality (ESH&Q):” In the second paragraph at the end of the sentence, the words “for Section C, *Statement of Work*,” are replaced with, “to implement all of the requirements of the Contract.”

Page M-3, Provision M.4, *Evaluation Factors*: Under the heading, “Factor D: Project Management:” In the second line the phrase “and approach,” is inserted after the words, “proposed project management.”

**Amendment A005:**

Section B

Page B-2, Clause B.2 entitled *Item(s) Being Acquired*, paragraph (b): Subparagraph (4), item (iii), Operate the Environmental Restoration Disposal Facility (ERDF), is removed from subparagraph (4) and added to subparagraph (3) as the new paragraph number (iv). This change moves ERDF operations from CLIN 4 to CLIN 3, consistent with the assumptions contained in the Section L Attachment at L-8, *Work Breakdown Structure Dictionary*, that ERDF operations will be transferred to the PRC in the first five-year contract period and CLIN 4 activities will not commence until the second five-year contract period.

Section J

The Section J Attachment at J-11, *Supplemental Work Description Tables*, entitled *Contract Line Item Number (CLIN) Assignment Against Contract Structure*, is modified to move assigned elements 011.02.01.02, 011.02.01.03 and 011.02.01.04 from Section C, *Statement of Work*, paragraph C.2.2.1, *Maintain Safe and Secure Special Nuclear Material*, to paragraph C.2.2.2, *Maintain Safe and Compliant PFP*.

Section L

The following changes to Section L are provided in this amendment to address specific Offeror questions/requests for clarification.

- Page L-11, Table L-2: In the column entitled “Number of Hard Copy Proposals,” for Volume III, Cost and Fee Proposal – Basis of Estimate, the number of copies is changed from six (6) to four (4).
- Page L-24: The replacement page issued under Amendment A004 contained changes to the name of the Section L Attachment at L-4 entitled *Work Breakdown Structure/Cost Data* that were not described in the Amendment A004 summary and were not included in the conformed Section L File. A corrected replacement page L-24 is provided in this amendment.
- The Section L Attachment at L-4 entitled *Work Breakdown Structure/Cost Data* is revised to provide an “Offeror’s direct cost” for the following listed WBS elements to be used by all offerors in accordance with the Section L Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*, paragraph (a)(1)(ii):
  - 011.02.01.04—Maintain Special Projects P1BEAA
  - 012.16—Sludge Treatment
  - 13.07.04—WRAP Transition
  - 030.31.12—MG-1 Model Group
  - 040.02.18.03—Waste Sites

- The Section L Attachment at L-8, *Supplemental Data Tables for Proposal Preparation*, entitled, *Work Breakdown Structure*, is revised to change “source tag” numbers for WBS elements 011.02.01.02, 011.02.01.03 and 011.02.01.04 from C.2.2.1 to C.2.2.2.
- The Section L Attachment at L-8, *Supplemental Data Tables for Proposal Preparation*, entitled *Work Breakdown Structure Dictionary* is revised as follows:
  - WBS elements 011.02.01.02, 011.02.01.03, and 011.02.01.04 activities tab: The activities under these WBS elements contained a cross-reference to Section C, Statement of Work, paragraph C.2.2.1. The cross references for activities in these WBS elements have all been changed to Section C, paragraph C.2.2.2.
  - WBS element 011.02.01.03 scope tab: Under the “Maintain Maintenance Program”, the last sentence that included BPA electricity in this WBS element was deleted. BPA electricity cost for this project should be included under the PFP usage-based services WBS element 011.90.21.01.03.
  - WBS element 011.03.01.02 scope tab:
    - The requirement to purchase approximately 1000 certified shipping containers (9975s) has been deleted. Under the “assumptions” tab, a statement has been added that a sufficient number of 9975s has already been purchased.
    - The statement that PFP will package 2275 DOE-3013-STD compliant cans will be amended to “the PRC will package 800 remaining DOE-3013-STD compliant containers.”
  - WBS element 011.03.01.03 assumptions tab: The assumptions on number of HUFPS required and the SRS handling rate have been revised to read as follows:
    - 13 HUFPS will be procured by the PRC to support shipping schedules.
    - SRS will be able to accept the HUFPS at a rate to support the de-inventory schedule.
  - WBS element 011.03.01.04 scope tab:
    - The statement on shipment of the slightly irradiated fuel currently stored in interim storage casks (ISC) and the LAMPRE fuel has been revised to read: “The material is to be shipped to the Canister Storage Building (CSB) for interim storage.”
    - The statement that PFP will ship three fuel packages containing slightly irradiated LAMPRE fuel via truck to the SRS has been revised to read: “PRC will ship LAMPRE fuel via truck to the CSB.”
  - WBS element 011.04.06 assumptions tab: The WBS Dictionary has been revised to change 291-Z to 216-Z-9.

- WBS element 011.04.08 assumptions tab: The WBS Dictionary has been revised to remove references to the 241-ZB and 241-Z-RB facilities that have already been dispositioned.
- WBS element 011.04.11, scope tab: The sentence that stated health and safety scope is included in this WBS element was removed.
- WBS element 013.12.01: Narrative revised to include no waste receiving activities in FY 2010.
- WBS element 013.12.04: Narrative revised to make it consistent with an FY 2011 start of waste placement operations in IDF.
- WBS elements 013.07 and 013.07.04: Narratives revised to make them consistent with operation of WRAP through shutdown for transition at the end of FY 2016 and transition in FY 2017.
- WBS element 030.31.12: Narrative revised to specify inclusion of OU 200-MG-2 in the decision document preparation and support scope of work.
- WBS element 030.31.15: Narrative revised to specify inclusion of OU 200-ST-1 in the decision document preparation and support scope of work.
- WBS elements 040.02.xx.03 and 041.02.01.03 scope and assumptions tabs: Several changes were made in each of the zone waste site remediation and the 100 K waste site remediation scope and assumptions sections in the WBS Dictionary. Among the changes are clarification on where barrier installation costs are to be located and removal of reference to the file Dim7\_&R1.xls.
- WBS element 042.01.01: Narrative revised to direct offerors to use a specified assumed value of \$25,000/year (FY 2007 dollars) in the cost proposal for this element to address activity 042.01.01.01.17—Injury Settlement.
- The following WBS element narratives are revised to add the following sentence: “NO TECHNICAL PROPOSAL OR COST PROPOSAL REQUIRED FOR THIS WBS ELEMENT. THE ACTIVITIES DESCRIBED FOR THIS WBS ELEMENT SHALL NOT BE INCLUDED IN ANY OTHER WBS ELEMENT.” For each of these elements, DOE has provided an Offeror’s direct cost to be used by all offerors in accordance with the Section L Provision L.19, *Proposal Preparation Instructions – Volume III, Cost and Fee Proposal*, paragraph (a)(1)(ii).
  - 011.02.01.04—Maintain Special Projects P1BEAA
  - 011.90—Usage-Base Services Distributions
  - 012.16—Sludge Treatment
  - 012.90—Usage-Base Services Distributions
  - 013.03.03—Fuel Prep Facility
  - 013.03.05—CSB Upgrades



- 013.07.04—WRAP Transition
  - 013.08.04—T-Plant M-91 Upgrades
  - 013.90—Usage-Base Services Distributions
  - 030.31.12—MG-1 Model Group
  - 030.90—Usage-Base Services Distributions
  - 040.01.26—Emergency Response for Facility/Waste Site ESH&Q or Remediation
  - 040.02.18.03—Waste Sites (U Plant Zone)
  - 040.90—Usage-Base Services Distributions
  - 042.90—Usage-Base Services Distributions
  - 080.90—Usage-Base Services Distributions
  - 000.13—Usage-Base Services Distributions
- The WBS Dictionary narrative for the following WBS elements was revised to provide clarification on what is included under the usage-base services distributions and not to be included in any other WBS element, and what is excluded under the usage-base services distributions and should be included in other WBS elements where appropriate:
    - 011.90—Usage-Base Services Distributions
    - 012.90—Usage-Base Services Distributions
    - 013.90—Usage-Base Services Distributions
    - 030.90—Usage-Base Services Distributions
    - 040.90—Usage-Base Services Distributions
    - 042.90—Usage-Base Services Distributions
    - 080.90—Usage-Base Services Distributions
    - 000.13—Usage-Base Services Distributions
- The Section L Attachment at L-8, *Supplemental Data Tables for Proposal Preparation*, entitled, *PRC Milestones*, is changed as follows:
    - The PBS number for the Soil and Waste Remediation –Groundwater/Vadose Zone header is corrected from RL-013 to RL-030.
    - Note 2 is changed to correct two typographical errors, the misspelling of the word “purpose” and deletion of the word “as” where it appeared twice.
  - The Section L Attachment at L-8, *Supplemental Data Tables for Proposal Preparation*, entitled *Structures Supplemental Instructions* is revised for the structure identified as “234-5Z-BA facility” in the “Structure ID” column: Change the entry in the “Solicitation Notes: Estimating Instructions” column to read: “The 234-5Z-BA Boiler Annex is assigned to JCI for disposition. The PRC is responsible for removing steam lines from 234-5Z-BA to PFP.”
  - The Section L Attachment at L-8, *Supplemental Data Tables for Proposal Preparation*, entitled *Waste Site Supplemental Instructions* is revised as follows:

- All rows with the designation “U Plant Zone” under the column header “Geographical Zone for Lifecycle Estimate” are deleted.
  - A new row is added that specified the following: “No estimate required for all waste sites in U Plant Zone (i.e.; all waste sites listed with the U Plant geographical zone in the Section J Attachment 14 entitled *Hanford Waste Site Assignment List*).”
- 
- The Section L Attachment L-8 table entitled *Structure, Waste Site, Pipeline and Barrier Parameter Table* is revised to add the barrier ID and specified type of barrier and barrier SF footprint data to the waste site entries where closure cover or RTD hot spot and closure cover were identified as the specified remediation method.

**Amendment A006:**

The purpose of this amendment is to delete the first sentence of the Section L Provision at L.17, entitled *Proposal Preparation Instructions – Cover Letter and volume I, Offer and Other Documents* that begins with the phrase, “The information submitted in Volume I, Offer and Other Documents.”

No replacement pages are provided with this amendment.

## Appendix 2. Small Business Activities

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**Table SB-1. Small Business Subcontracting Plan Goals**

Goal	Goal Pct	CPRC					
	Req't	%	\$	Result	%	\$	Result
Total Subcontracting <sup>6</sup> *	35%	55.9%	\$2,524,483,195				
Small Business (SB) **	41.3%	49.3%	\$1,245,612,056				
Small Disadvantaged Business **	6.3%	8.2%	\$205,822,664				
Woman-Owned SB **	5.8%	6.5%	\$165,218,333				
Small HUBZone **	2.2%	3.2%	\$81,525,748				
Veteran-Owned Small Business (VOSB) **	1.3%	2.0%	\$50,515,135				
Service-Disabled VOSB **	1.3%	2.0%	\$50,452,890				

(b3)  
(b5)  
(b3)  
(b4)

\* Expressed as a percentage of total contract price  
\*\* Expressed as a percentage of total subcontract work

**Table SB-2. Self-Performed Limitation and Small Business Participation**

Goal	CPRC Proposed Amount	Total %	Total %
Self-performed by large businesses of the contractor team (not more than 65%)	\$1,787,883,154	39.6%	
Performed by small business (no less than 17%)	\$1,245,612,056	27.6%	

(b3)  
(b4)

Sources:  
[CPRC: (b3)]

6 In computing dollars available for subcontracting, the Offeror could not include funds paid other Hanford contractors in the total subcontracting base.

**Table SB-3. Small Disadvantaged Business Participation Program Targets**

CPRC			
NAICS Code	Description of NAICS Major Group	SDB Dollars	Proposed % of Total Contract Price
237990	Other Heavy and Civil Engineering Construction	\$118,954,419	2.63%
484230	Specialized Freight Trucking, Long Distance	\$31,968,345	0.71%
541990	All Other Professional Services	\$28,186,525	0.62%
561210	Facilities Support Services	\$5,688,078	0.13%
561611	Investigation Services	\$8,719,118	0.19%
562910	Remediation Services	\$12,306,179	0.27%
	<b>Subtotal</b>	<b>\$205,822,664</b>	<b>4.56%</b>

[Volume I, pp. 136-137]

NAICS Code	Description of NAICS Major Group	SDB Dollars	Proposed % of Total Contract Price

(b3)

(b3)  
 (b4)  
 (b5)

(b5)

### **Appendix 3. Evaluation Factor B – Organizational Structure and Key Personnel**

In accordance with the evaluation criteria contained in the RFP [RFP at Provision M.4], the SEB evaluated key personnel attributes as follows:

- The SEB utilized the written proposals to assess key personnel qualifications and capabilities to perform the key person's proposed position.
- The SEB utilized the oral presentation to evaluate:
  - Alignment of functions, responsibilities, and authorities to each key person and the suitability of each key person to his/her proposed position.
  - Leadership, communications, teamwork, interactions, problem-solving capabilities, success in past positions, and understanding of the proposed strategy and approach prepared in response to evaluation factors A and D
- The SEB utilized reference checks to further assess key personnel attributes as identified above.

**Table B-1. Key Personnel Evaluation Summary – CPRC**

Name	Title	Summary	ESH&Q
John G. Lehw, III	Project Manager		
Victor C. Pizzuto	Project Manager of PFP Closure Project and Chief Operating Officer		
L. Ty Blackford	Project Manager for Waste and Fuels Management Project		
Con Murphy	Project Manager for Soil and Groundwater Remediation Project		
Steve T. Dahlgren	Project Manager of Balance of Site Decommissioning and Infrastructure Project		
David Del Vecchio	Project Manager for 100 K Area Project		
Patrice McEahern	Director of Safety, Health, Security, and Quality		
Moses Jaraysi	Director of Environmental Program and Regulatory Management		
Kurt Kehler	Project Manager for Engineering, Procurement, and Construction Project		

(b5)

(Key personnel names and titles are listed as they appear in the *List of Key Personnel* found in Volume I, p. 138)

**Table B-2. Key Personnel Evaluation Summary – [REDACTED]**

(b3)

Name	Title	Summary	ESH&Q
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(b3)  
(b5)

(Key personnel names and titles are listed as they appear in the *List of Key Personnel* found in [REDACTED])

(b3)

**Legend:**

- ++ = Superior/Highly Effective
- + = Adequate
- = Limited

Table B-3. Evaluation Summary by Key Personnel – CPRC

Rating: ■		ESH&Q: ■	
Summary			
• • • •			
Attributes			
[Redacted Content]			



Reference Checks

ESH&Q

Rating: ■

ESH&Q ■

Summary

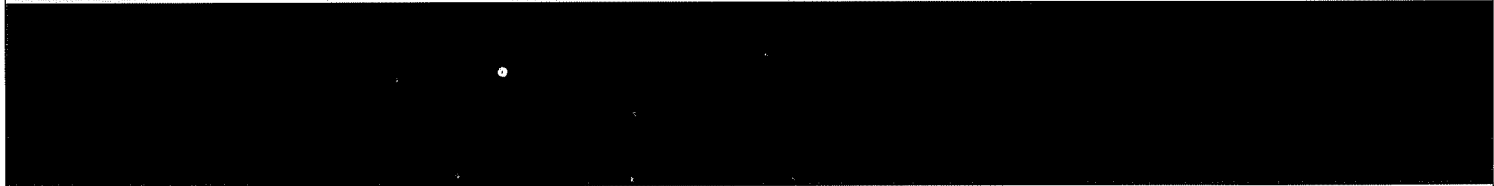
- 
- 
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- 

Attributes

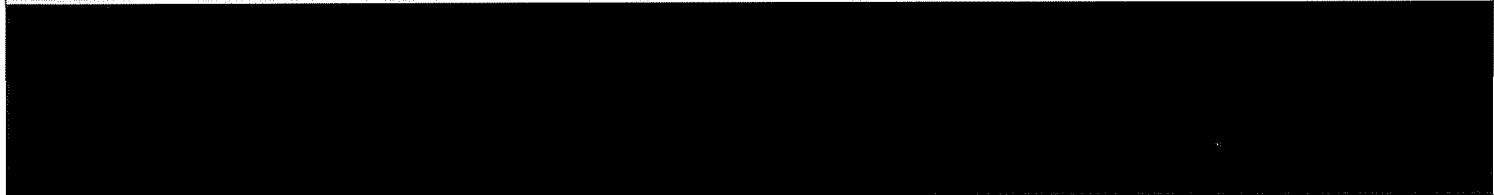
(b4)(b5)(b6)



Reference Checks



ESH&Q



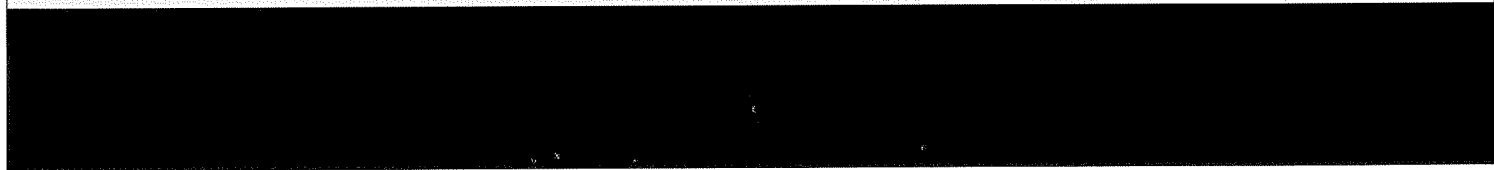
Rating: ■	ESH&Q: ■
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Summary



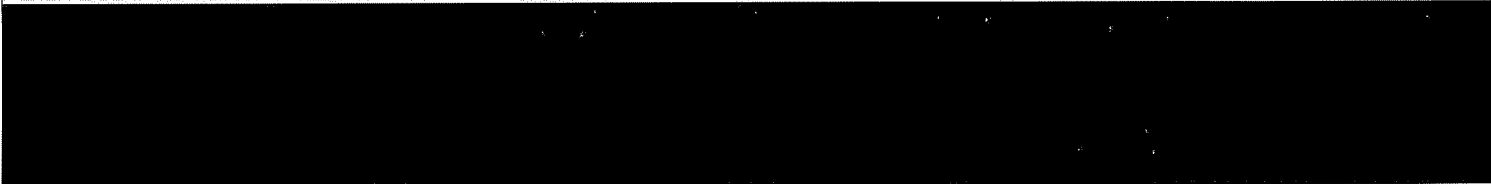
Attributes



(b4)(b5)(b6)



Reference Checks



ESH&Q



Rating: ■

ESH&Q: ■

Summary

[Redacted content]

Attributes

[Redacted content]

Reference Checks

[Redacted content]

ESH&Q

[Redacted content]

Rating:

ESH&Q:

Summary

[Redacted content]

Attributes

[Redacted content]

Reference Checks

[Redacted content]

ESH&Q

[Redacted content]

(b1)(b5)(b6)

Rating: ■

ESH&Q ■

Summary

•  
•  
•  
•

Attributes

[Redacted content]

Reference Checks

[Redacted content]

ESH&Q

[Redacted content]

(b)(1)(5)(D)

Rating:

ESH&Q:

Summary

- 
- 
- 
- 

Attributes

Reference Checks

(b4)(b5)(b6)

ESH&Q

Rating:

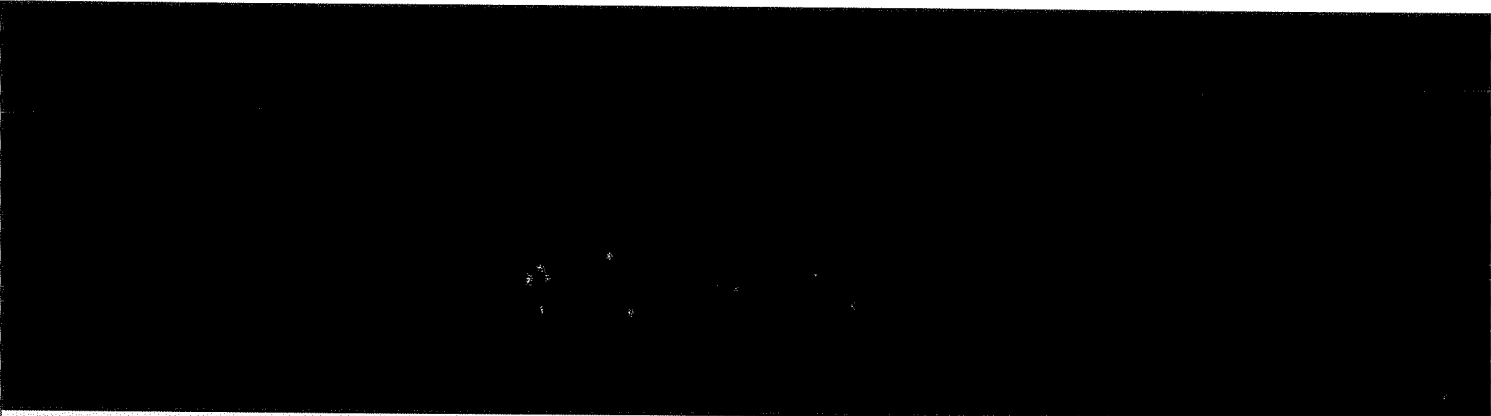
ESH&Q:

Summary

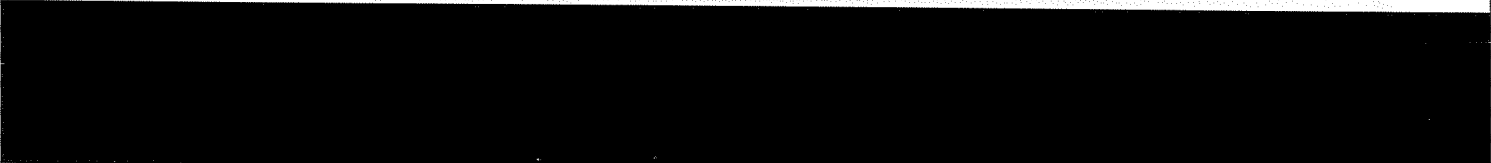
Attributes

01005761

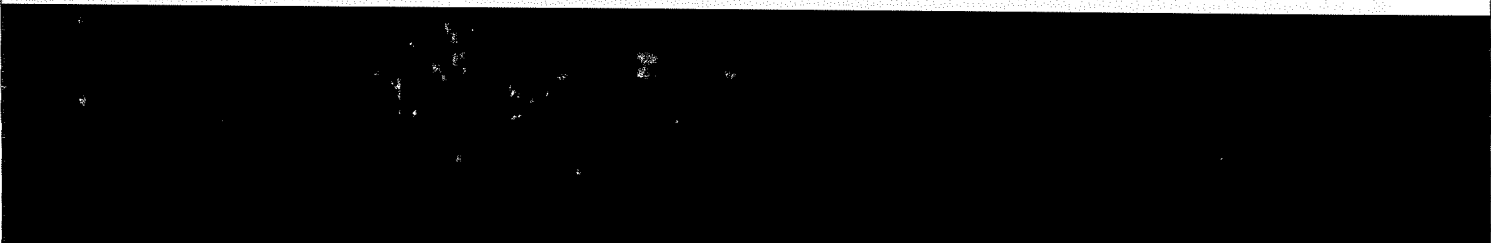




Reference Checks



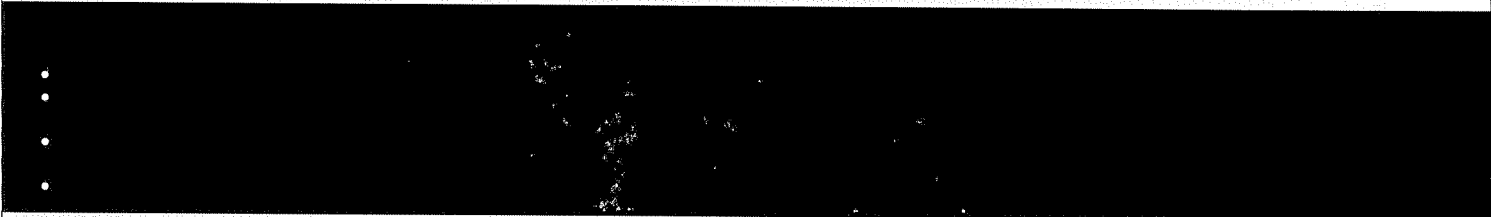
ESH&Q



Rating

ESH&Q

Summary



Attributes



(b4)(b5)(b6)



Reference Checks



ESH&Q



(b4)(b5)(b6)

Table B-4. Evaluation Summary by Key Personnel – [REDACTED]

(b3)

[REDACTED]	[REDACTED]	ESH&Q: [REDACTED]
<b>Summary</b>		
• • • •		
<b>Attributes</b>		
[REDACTED]		

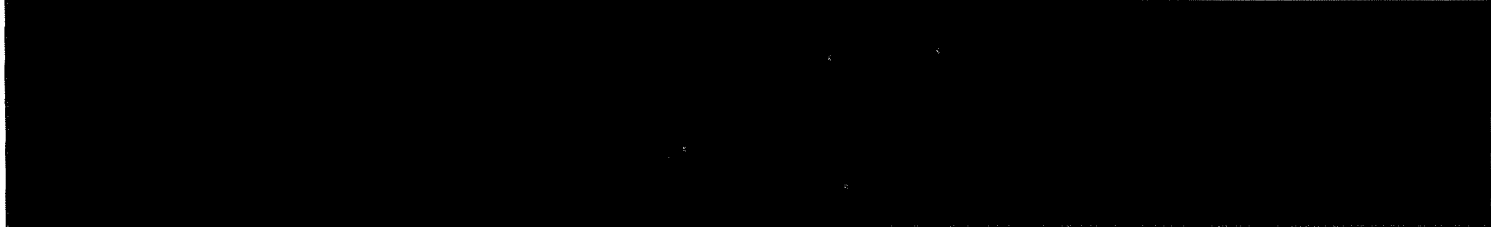
(b4)(b5)(b6)



Reference Checks

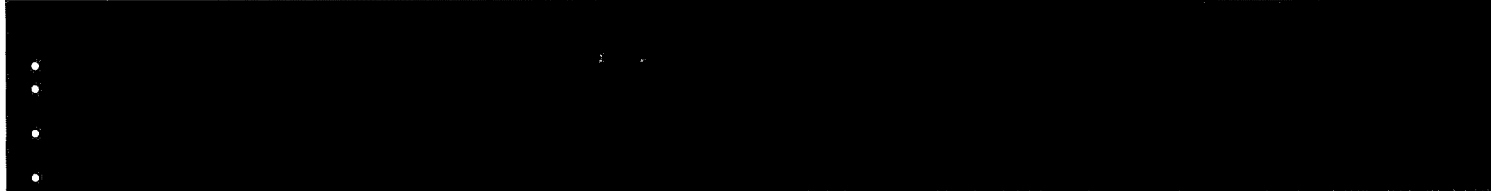


ESH&Q



Rating:  ESH&Q:

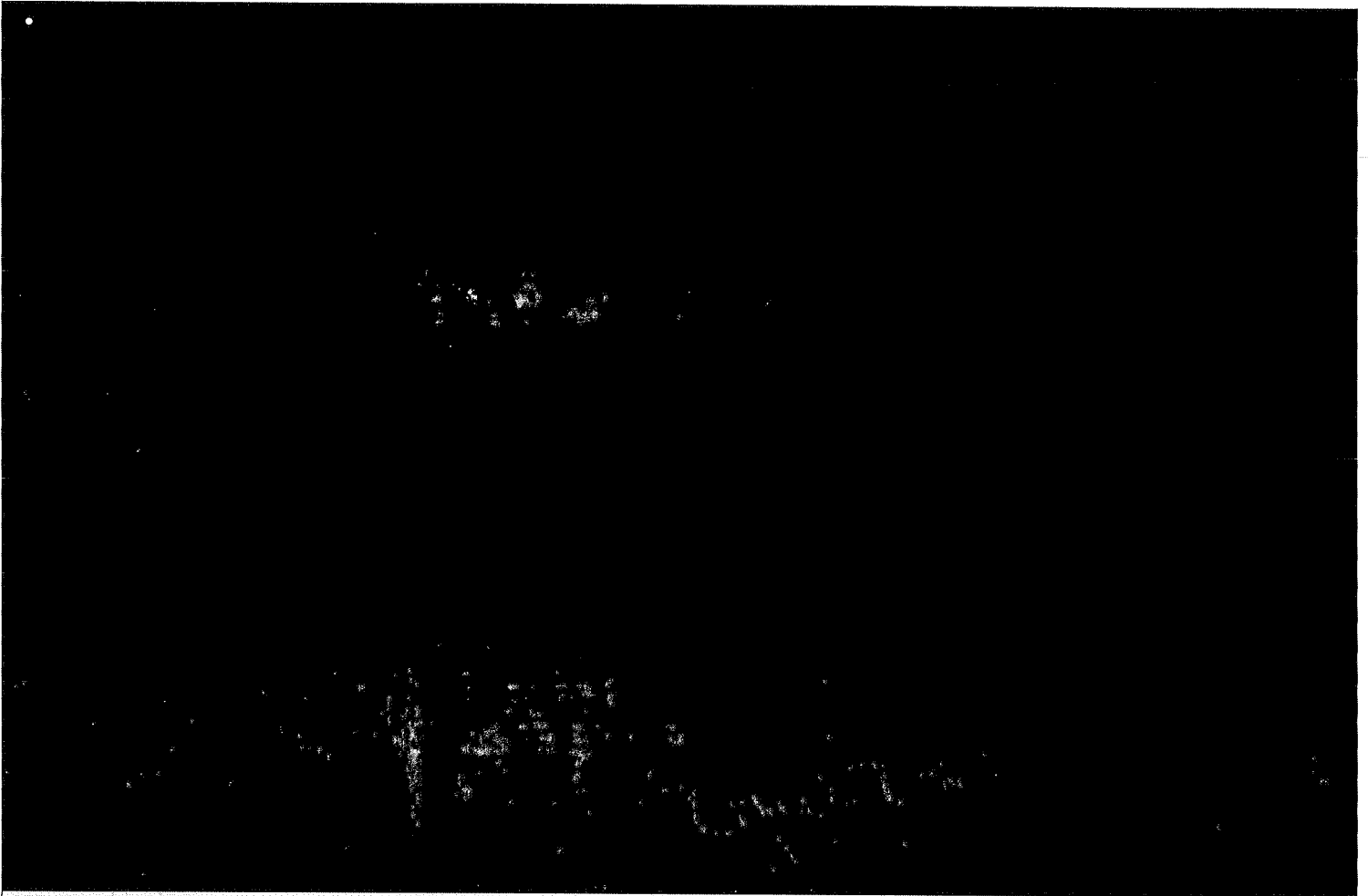
Summary



Attributes



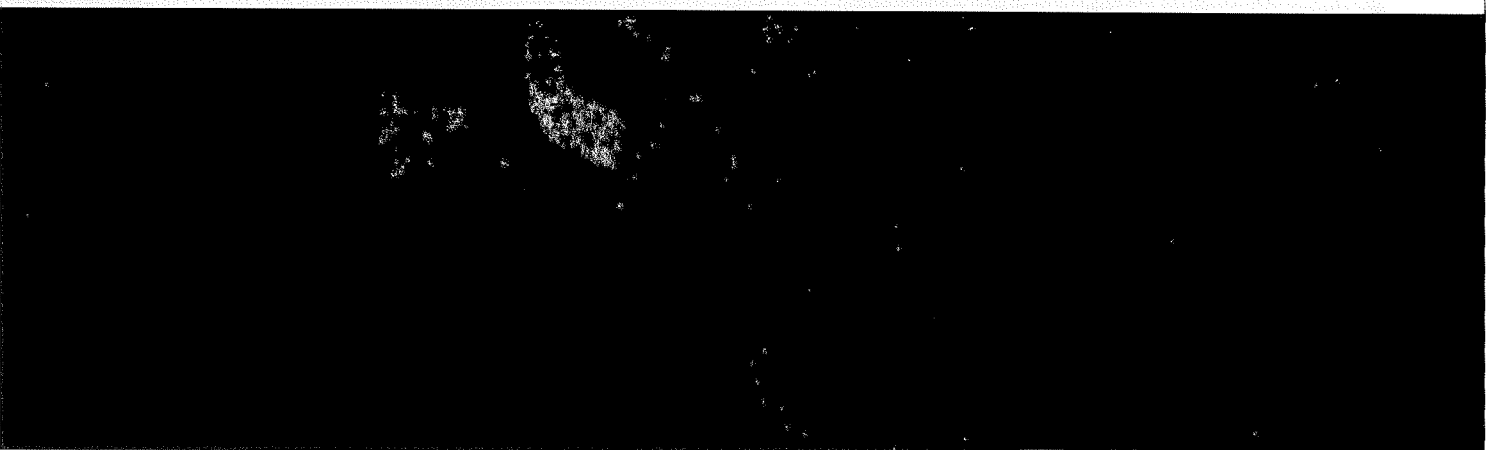
(b4)(b5)(b6)



Reference Checks



ESH&Q



(b4)(b5)(b6)

[REDACTED]	Rating: [REDACTED]	ESH&Q: [REDACTED]
<b>Summary</b>		
[REDACTED]		
<b>Attributes</b>		
[REDACTED]		
<b>Reference Checks</b>		
[REDACTED]		
<b>ESH&amp;Q</b>		
[REDACTED]		

(b)(4)(b)(5)(b)(6)

Rating: ■

ESH&Q: ■

Summary

- 
- 
- 
- 

Attributes

Reference Checks

ESH&Q

(b4)(b5)(b6)

Rating: ■

ESH&Q: ■

Summary

•  
•  
•  
•

Attributes

[Redacted content]

Reference Checks

[Redacted content]

ESH&Q

[Redacted content]

(b4)(b5)(b6)



Rating:

ESH&Q:

Summary

[Redacted Summary Content]

Attributes

[Redacted Attributes Content]

Reference Checks

[Redacted Reference Checks Content]

ESH&Q

[Redacted ESH&Q Content]

(b4)(b5)(b6)

Rating [REDACTED]

ESH&Q: [REDACTED]

Summary

[REDACTED]

Attributes

[REDACTED]

Reference Checks

[REDACTED]

ESH&Q

[REDACTED]

(b4)(b5)(b6)

Rating:

ESH&Q:

Summary

•  
•  
•  
•

Attributes

[Redacted content]

Reference Checks

[Redacted content]

(b4)(b5)(b6)

ESH&Q

Rating

ESH&Q:

Summary

- 
- 
- 
- 

Attributes

(b4)(b5)(b6)

Reference Checks

ESH&Q

(b)(5)(b)(6)

Rating

ESH&Q:

Summary

- 
- 
- 
- 

Attributes

Reference Checks

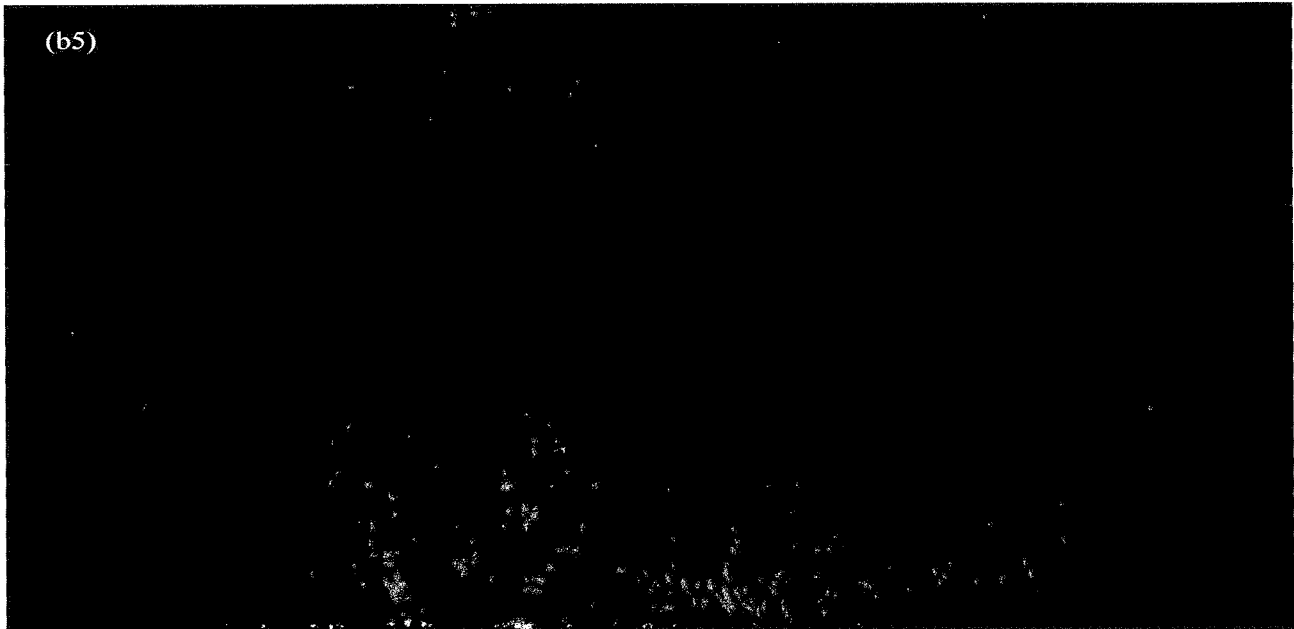
ESH&Q

(b4)(b5)(b6)

#### Appendix 4. Evaluation Factor E – Past Performance

##### Past Performance Questionnaire

Information provided pursuant to RFP Section L Attachment L-6, *Offeror Past Performance Reference Information Worksheet and Questionnaire*, as required by Section L, Provision L.18(c)(5)(i)(A-D), was evaluated quantitatively for questions 1-13. For an entity(ies) other than the Offeror, past performance was evaluated in the context of the area(s) of the scope of work the entity(ies) is proposed to perform.



The following tables provide the questionnaire results for each offer, sorted by the relevance rating determined by the SEB. For a complete table of the SEB's determination of relevancy by project, see Tables F-1 and F-2.

(b5)

**Table E-1. Past Performance Questionnaire Data – CPRC**

CPRC – [REDACTED]	Project	[REDACTED]
	Offeror Company	[REDACTED]
<b>Management:</b> To what level of customer satisfaction did the contractor plan, integrate, manage, maintain configuration, and control contract activities to perform contract requirements?		[REDACTED]
<b>Scope:</b> To what level of customer satisfaction did the contractor plan, define, verify, and control contract scope delivery; manage known or unknown risks; and perform required scope under the contract?		[REDACTED]
<b>Schedule:</b> To what level of customer satisfaction did the contractor plan, prepare, analyze, and control contract schedule; link resources, interfaces, and risks; and perform within contract schedule objectives?		[REDACTED]
<b>Cost:</b> To what level of customer satisfaction did the contractor plan, estimate, budget, and control contract cost; manage cost growth for known or unknown risks; and perform within contract cost objectives?		[REDACTED]
<b>Quality:</b> To what level of customer satisfaction did the contractor establish processes to conform to requirements, determine areas of unsatisfactory performance, and deliver required quality?		[REDACTED]
<b>Safety:</b> To what level of customer satisfaction did the contractor develop and document safety/nuclear safety requirements, establish processes to conform to these requirements, and conduct work in accordance with these requirements?		[REDACTED]
<b>Human Resources:</b> To what level of customer satisfaction did the contractor organize, manage, and sustain the human resources required for contract performance?		[REDACTED]
<b>Key and Essential Personnel:</b> To what level of customer satisfaction did the contractor select, retain, support, and replace (where necessary) key and essential personnel?		[REDACTED]
<b>Communications:</b> To what level of customer satisfaction did the contractor communicate in an effective, timely, and appropriate manner to all parties internal and external to the contract?		[REDACTED]
<b>Risk Management:</b> To what level of customer satisfaction did the contractor identify, quantify, monitor, and control risks; and manage and mitigate risks of work execution?		[REDACTED]
<b>Subcontract Management:</b> To what level of customer satisfaction did the contractor place, administer, and close subcontracts, ensure fair treatment of subcontractors, and achieve small business goals?		[REDACTED]
<b>Business/Commercial Practices:</b> To what level of customer satisfaction did the contractor demonstrate cooperative and reasonable behavior, and fair treatment of all parties' interests?		[REDACTED]
<b>Performance Recovery:</b> To what level of customer satisfaction did the contractor self-identify and recover from adverse contract performance (if adverse performance was experienced)?		[REDACTED]
Would you select this contractor again?		[REDACTED]

(b3)(b4)(b5) 131 (b5)



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	Project
CPRC – [REDACTED]	Offeror Company
<b>Management:</b> To what level of customer satisfaction did the contractor plan, integrate, manage, maintain configuration, and control contract activities to perform contract requirements?	
<b>Scope:</b> To what level of customer satisfaction did the contractor plan, define, verify, and control contract scope delivery; manage known or unknown risks; and perform required scope under the contract?	
<b>Schedule:</b> To what level of customer satisfaction did the contractor plan, prepare, analyze, and control contract schedule; link resources, interfaces, and risks; and perform within contract schedule objectives?	
<b>Cost:</b> To what level of customer satisfaction did the contractor plan, estimate, budget, and control contract cost; manage cost growth for known or unknown risks; and perform within contract cost objectives?	
<b>Quality:</b> To what level of customer satisfaction did the contractor establish processes to conform to requirements, determine areas of unsatisfactory performance, and deliver required quality?	
<b>Safety:</b> To what level of customer satisfaction did the contractor develop and document safety/nuclear safety requirements, establish processes to conform to these requirements, and conduct work in accordance with these requirements?	
<b>Human Resources:</b> To what level of customer satisfaction did the contractor organize, manage, and sustain the human resources required for contract performance?	
<b>Key and Essential Personnel:</b> To what level of customer satisfaction did the contractor select, retain, support, and replace (where necessary) key and essential personnel?	
<b>Communications:</b> To what level of customer satisfaction did the contractor communicate in an effective, timely, and appropriate manner to all parties internal and external to the contract?	
<b>Risk Management:</b> To what level of customer satisfaction did the contractor identify, quantify, monitor, and control risks; and manage and mitigate risks of work execution?	
<b>Subcontract Management:</b> To what level of customer satisfaction did the contractor place, administer, and close subcontracts, ensure fair treatment of subcontractors, and achieve small business goals?	
<b>Business/Commercial Practices:</b> To what level of customer satisfaction did the contractor demonstrate cooperative and reasonable behavior, and fair treatment of all parties' interests?	
<b>Performance Recovery:</b> To what level of customer satisfaction did the contractor self-identify and recover from adverse contract performance (if adverse performance was experienced)?	
Would you select this contractor again?	

(b3)(b4)(b5)

Table E-2. Past Performance Questionnaire Data – [REDACTED]

(b3)

[REDACTED]	Project	Offeror Company
<b>Management:</b> To what level of customer satisfaction did the contractor plan, integrate, manage, maintain configuration, and control contract activities to perform contract requirements?		
<b>Scope:</b> To what level of customer satisfaction did the contractor plan, define, verify, and control contract scope delivery; manage known or unknown risks; and perform required scope under the contract?		
<b>Schedule:</b> To what level of customer satisfaction did the contractor plan, prepare, analyze, and control contract schedule; link resources, interfaces, and risks; and perform within contract schedule objectives?		
<b>Cost:</b> To what level of customer satisfaction did the contractor plan, estimate, budget, and control contract cost; manage cost growth for known or unknown risks; and perform within contract cost objectives?		
<b>Quality:</b> To what level of customer satisfaction did the contractor establish processes to conform to requirements, determine areas of unsatisfactory performance, and deliver required quality?		
<b>Safety:</b> To what level of customer satisfaction did the contractor develop and document safety/nuclear safety requirements, establish processes to conform to these requirements, and conduct work in accordance with these requirements?		
<b>Human Resources:</b> To what level of customer satisfaction did the contractor organize, manage, and sustain the human resources required for contract performance?		
<b>Key and Essential Personnel:</b> To what level of customer satisfaction did the contractor select, retain, support, and replace (where necessary) key and essential personnel?		
<b>Communications:</b> To what level of customer satisfaction did the contractor communicate in an effective, timely, and appropriate manner to all parties internal and external to the contract?		
<b>Risk Management:</b> To what level of customer satisfaction did the contractor identify, quantify, monitor, and control risks; and manage and mitigate risks of work execution?		
<b>Subcontract Management:</b> To what level of customer satisfaction did the contractor place, administer, and close subcontracts, ensure fair treatment of subcontractors, and achieve small business goals?		
<b>Business/Commercial Practices:</b> To what level of customer satisfaction did the contractor demonstrate cooperative and reasonable behavior, and fair treatment of all parties' interests?		
<b>Performance Recovery:</b> To what level of customer satisfaction did the contractor self-identify and recover from adverse contract performance (if adverse performance was experienced)?		
<b>Would you select this contractor again?</b>		

(b3)(b4)(b5)

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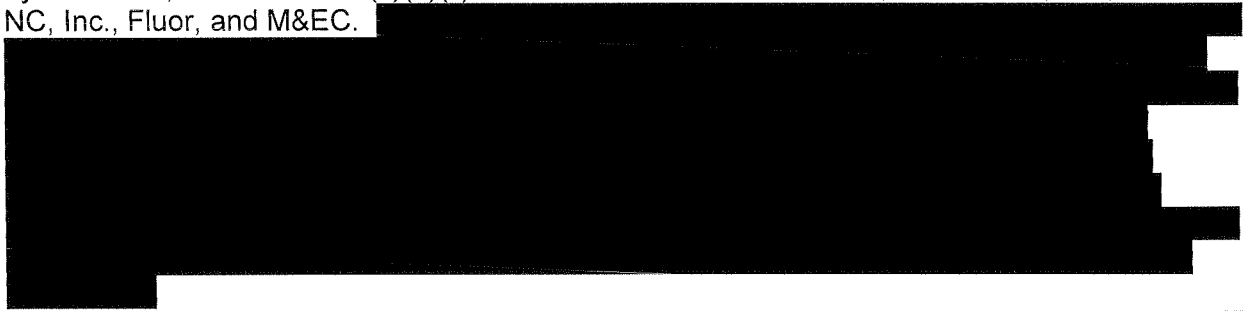
	Project	
	Offeror Company	
<b>Management:</b> To what level of customer satisfaction did the contractor plan, integrate, manage, maintain configuration, and control contract activities to perform contract requirements?		
<b>Scope:</b> To what level of customer satisfaction did the contractor plan, define, verify, and control contract scope delivery; manage known or unknown risks; and perform required scope under the contract?		
<b>Schedule:</b> To what level of customer satisfaction did the contractor plan, prepare, analyze, and control contract schedule; link resources, interfaces, and risks; and perform within contract schedule objectives?		
<b>Cost:</b> To what level of customer satisfaction did the contractor plan, estimate, budget, and control contract cost; manage cost growth for known or unknown risks; and perform within contract cost objectives?		
<b>Quality:</b> To what level of customer satisfaction did the contractor establish processes to conform to requirements, determine areas of unsatisfactory performance, and deliver required quality?		
<b>Safety:</b> To what level of customer satisfaction did the contractor develop and document safety/nuclear safety requirements, establish processes to conform to these requirements, and conduct work in accordance with these requirements?		
<b>Human Resources:</b> To what level of customer satisfaction did the contractor organize, manage, and sustain the human resources required for contract performance?		
<b>Key and Essential Personnel:</b> To what level of customer satisfaction did the contractor select, retain, support, and replace (where necessary) key and essential personnel?		
<b>Communications:</b> To what level of customer satisfaction did the contractor communicate in an effective, timely, and appropriate manner to all parties internal and external to the contract?		
<b>Risk Management:</b> To what level of customer satisfaction did the contractor identify, quantify, monitor, and control risks; and manage and mitigate risks of work execution?		
<b>Subcontract Management:</b> To what level of customer satisfaction did the contractor place, administer, and close subcontracts, ensure fair treatment of subcontractors, and achieve small business goals?		
<b>Business/Commercial Practices:</b> To what level of customer satisfaction did the contractor demonstrate cooperative and reasonable behavior, and fair treatment of all parties' interests?		
<b>Performance Recovery:</b> To what level of customer satisfaction did the contractor self-identify and recover from adverse contract performance (if adverse performance was experienced)?		
<b>Would you select this contractor again?</b>		

(b3)(b4)(b5)

**ESH&Q Past Performance Indicators**

Information provided pursuant to RFP Section L Attachment L-7, *ESH&Q Past Performance Indicators*, was evaluated quantitatively.

The CPRC proposal included Attachment L-7, *ESH&Q Past Performance Indicators*, as required by Section L, Provision L.18(c)(5)(ii) for CH2M Hill Constructors Inc., AREVA NP, Inc., AREVA NC, Inc., Fluor, and M&EC.



The following tables provide the indicator results for each Offeror, as well as graphical representations of the TRC and DART rates of the Offeror team members.

**Table E-3. ESH&Q Past Performance Indicators – CPRC**

CPRC		Events and Explanation					
		YTD <sup>7</sup>	2006	2005	2004	2003	2002
<b>Environmental Indicators</b>							
E1. Number of EPA or state equivalent agency enforcement actions, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
E2. Number of releases of a hazardous substance, material, waste, radionuclide, and/or other regulated constituent from an activity that you or your subcontractor were responsible for, in an amount equal to or greater than two times the reportable quantities specified in 40 CFR Part 302, that resulted in serious environmental damage.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
E3. Number of releases above any other federal, state, and local environmental permit requirements not reported under E1 and E2.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
E4. Number of times that you and your subcontractors have achieved ISO: 14001 qualification and certification, (for each instance provide location, summary of contract scope performed, and date of achievement in narrative block).	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
<b>Safety and Health Indicators</b>							
S1. Number of OSHA or state equivalent agency enforcement actions, date, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S2. Number of nuclear safety PAAA warning letters and/or enforcement actions, amount of fine, penalty, and/or settlement conditions for each.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						

<sup>7</sup> Represents Offeror-submitted data current through September 21, 2007.

(b3) (S)

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CPRC		Events and Explanation					
		YTD <sup>7</sup>	2006	2005	2004	2003	2002
S3. Number of other federal agency actions related to safety and health not reported in S1 and S2, date, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S4. Number of times a CPOF (under DEAR 970.5215-3) was invoked, date, amount, mitigating factors (if any), and DOE office that took action.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S5. Case rate for DART cases per 200,000 hours worked and identify the total number of hours worked.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S6. Case rate for TRC per 200,000 hours worked and identify the total number of hours worked.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S7. Number of workplace fatalities (date of fatality and cause of fatality based on accident investigation results).	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						

(b3)(b4)

Plateau Remediation Contract (PRC)  
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CPRC		Events and Explanation					
		YTD <sup>7</sup>	2006	2005	2004	2003	2002
S8. Number of workplace significant injuries resulting in 20% or greater disability (date of injury and cause of injury based on accident investigation results).	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor <sup>8</sup>						
	M&EC						
S9. Number of workplace accidents where three or more of your staff, your subcontractor employees, and/or members of the public incurred a serious injury (as defined in 29 CFR 1904.7) that required hospitalization for more than 48 hours.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S10. Number of workplace accidents that resulted in the hospitalization of one or more of your employees, your subcontractor employees, and/or members of the public for five continuous days or longer due to serious injury (as defined in 29 CFR 1904.7), occupational illness, chemical exposure, and/or biological exposure.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S11. Number of single radiation exposures to an individual that resulted in a total effective dose equivalent of 10 rem or greater; a dose equivalent to the lens of the eye of 30 rem or greater; a shallow dose equivalent to an extremity or skin of 100 rem or greater; the sum of the deep dose equivalent for external exposure and the committed dose equivalent to any organ or tissue other than the lens of the eye of 100 rem or greater; a dose equivalent to the embryo or fetus of a declared pregnant worker of 1 rem or greater.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S12. Number of any apparent losses, explosions, and/or thefts involving radioactive or hazardous material under your control or your subcontractor's control that constituted a hazard to human health and safety or private property.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						
S13. Number of estimated losses, or damages to property under your and/or your subcontractor's control, of \$1M or greater, costs of cleaning, decontaminating, renovating, replacing, and/or rehabilitating structures, equipment, and/or property.	CH2M Hill Constructors, Inc.						
	AREVA NP						
	AREVA NC						
	Fluor						
	M&EC						

<sup>8</sup> Where a cell within this table is blank, the Offeror failed to provide a value.

(b3)(b4)

Plateau Remediation Contract (PRC)  
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 Source Evaluation Board Report  
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CPRC		Events and Explanation									
		YTD <sup>7</sup>	2006	2005	2004	2003	2002				
S14. Number of times/facility that you or your subcontractors operated a nuclear facility beyond its authorized limits (as defined in 10 CFR 830).	CH2M Hill Constructors, Inc.										
	AREVA NP										
	AREVA NC										
	Fluor										
	M&EC										
S15. Number of times you or your subcontractors have achieved a meritorious recognition for safety program performance through the VPP (OSHA or DOE) (for each instance provide location, summary of contract scope performed, and date of achievement in narrative block).	CH2M Hill Constructors, Inc.										
	AREVA NP										
	AREVA NC										
	Fluor										
	M&EC										
<b>Quality Indicators</b>											
Q1. Number of quality awards received from customers, summary of citation, location, and date(s) of award.	CH2M Hill Constructors, Inc.										
	AREVA NP										
	AREVA NC										
	Fluor										
	M&EC										
Q2. Number of national and international quality awards received or as a finalist, summary of citation, location, and date(s) of award/award ceremony.	CH2M Hill Constructors, Inc.										
	AREVA NP										
	AREVA NC										
	Fluor										
	M&EC										
Q3. Percentage of quality assurance corrective actions tracked at corporate level completed on time. Include summary of corrective action(s) and date(s).	CH2M Hill Constructors, Inc.										
	AREVA NP										
	AREVA NC										
	Fluor										
	M&EC										



Table E-4. ESH&Q Past Performance Indicators – [REDACTED]

(b3)

[REDACTED]	Events and Explanation					
	YTD <sup>9</sup>	2006	2005	2004	2003	2002
<b>Environmental Indicators</b>						
E1. Number of EPA or state equivalent agency enforcement actions, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.						
E2. Number of releases of a hazardous substance, material, waste, radionuclide, and/or other regulated constituent from an activity that you or your subcontractor were responsible for, in an amount equal to or greater than two times the reportable quantities specified in 40 CFR Part 302, that resulted in serious environmental damage.						
E3. Number of releases above any other federal, state, and local environmental permit requirements not reported under E1 and E2.						
E4. Number of times that you and your subcontractors have achieved ISO: 14001 qualification and certification, (for each instance provide location, summary of contract scope performed, and date of achievement in narrative block).						
<b>Safety and Health Indicators</b>						
S1. Number of OSHA or state equivalent agency enforcement actions, date, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.						
S2. Number of nuclear safety PAAA warning letters and/or enforcement actions, amount of fine, penalty, and/or settlement conditions for each.						
S3. Number of other federal agency actions related to safety and health not reported in S1 and S2, date, amount of fine, penalty, and/or settlement conditions for each, and enforcement authority that took action.						
S4. Number of times a CPOF (under DEAR 970.5215-3) was invoked, date, amount, mitigating factors (if any), and DOE office that took action.						

9 Represents Offeror-submitted data current through September 24, 2007.

(b3)(b4)

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	Events and Explanation					
	YTD <sup>9</sup>	2006	2005	2004	2003	2002
S5. Case rate for DART cases per 200,000 hours worked and identify the total number of hours worked.						
S6. Case rate for TRC per 200,000 hours worked and identify the total number of hours worked.						
S7. Number of workplace fatalities (date of fatality and cause of fatality based on accident investigation results).						
S8. Number of workplace significant injuries resulting in 20% or greater disability (date of injury and cause of injury based on accident investigation results).						
S9. Number of workplace accidents where three or more of your staff, your subcontractor employees, and/or members of the public incurred a serious injury (as defined in 29 CFR 1904.7) that required hospitalization for more than 48 hours.						
S10. Number of workplace accidents that resulted in the hospitalization of one or more of your employees, your subcontractor employees, and/or members of the public for five continuous days or longer due to serious injury (as defined in 29 CFR 1904.7), occupational illness, chemical exposure, and/or biological exposure.						
S11. Number of single radiation exposures to an individual that resulted in a total effective dose equivalent of 10 rem or greater; a dose equivalent to the lens of the eye of 30 rem or greater; a shallow dose equivalent to an extremity or skin of 100 rem or greater; the sum of the deep dose equivalent for external exposure and the committed dose equivalent to any organ or tissue other than the lens of the eye of 100 rem or greater; a dose equivalent to the embryo or fetus of a declared pregnant worker of 1 rem or greater.						
S12. Number of any apparent losses, explosions, and/or thefts involving radioactive or hazardous material under your control or your subcontractor's control that constituted a hazard to human health and safety or private property.						
S13. Number of estimated losses, or damages to property under your and/or your subcontractor's control, of \$1M or greater, costs of cleaning, decontaminating, renovating, replacing, and/or rehabilitating structures, equipment, and/or property.						

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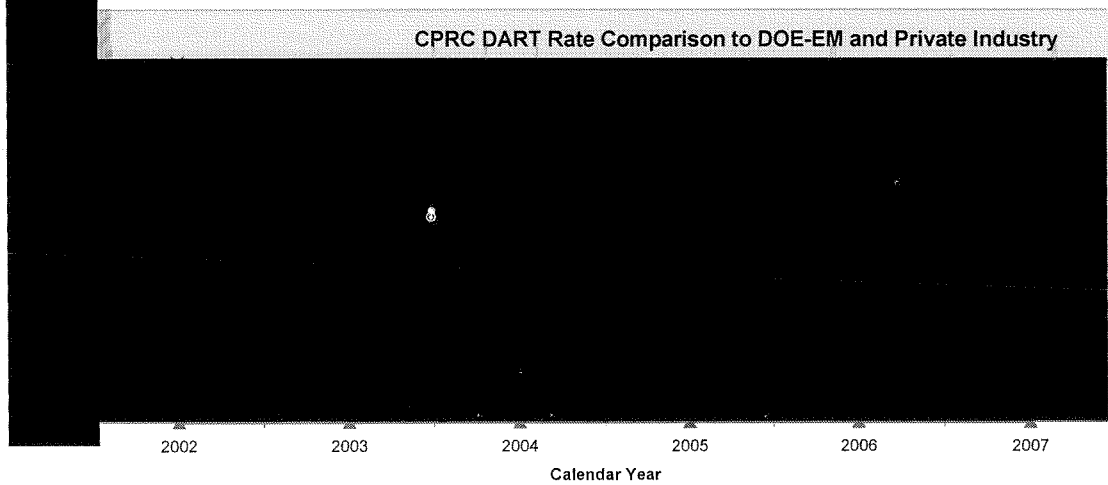
Plateau Remediation Contract (PRC)  
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 Source Evaluation Board Report  
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	Events and Explanation					
	YTD <sup>9</sup>	2006	2005	2004	2003	2002
S14. Number of times/facility that you or your subcontractors operated a nuclear facility beyond its authorized limits (as defined in 10 CFR 830).						
S15. Number of times you or your subcontractors have achieved a meritorious recognition for safety program performance through the VPP (OSHA or DOE) (for each instance provide location, summary of contract scope performed, and date of achievement in narrative block).						
<b>Quality Indicators</b>						
Q1. Number of quality awards received from customers, summary of citation, location, and date(s) of award.						
Q2. Number of national and international quality awards received or as a finalist, summary of citation, location, and date(s) of award/award ceremony.						
Q3. Percentage of quality assurance corrective actions tracked at corporate level completed on time. Include summary of corrective action(s) and date(s).						

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**Table E-5. DART Case Rate Comparison – CPRC**



**Table E-6. TRC Rate Comparison – CPRC**

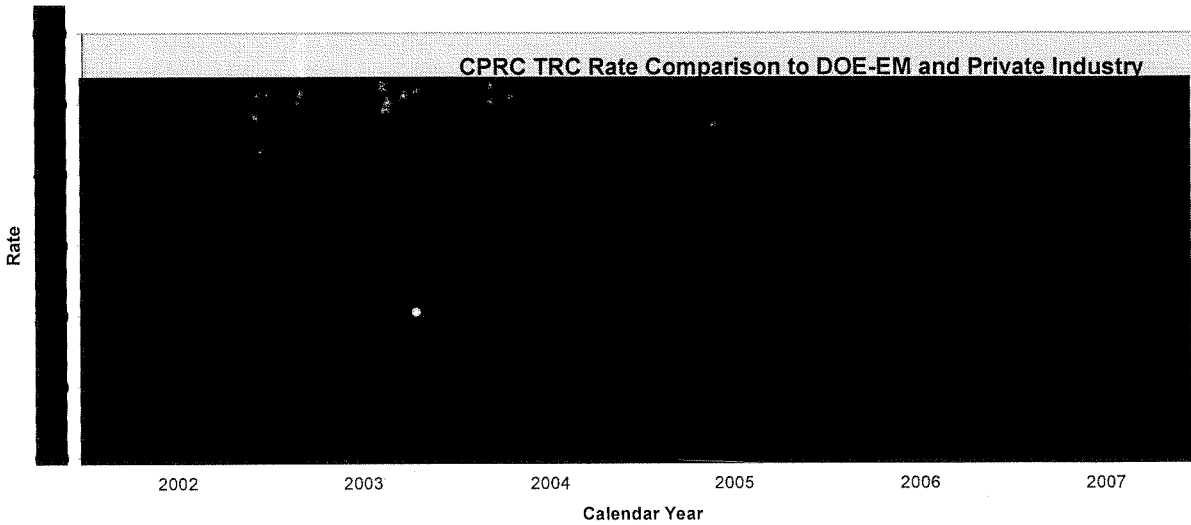
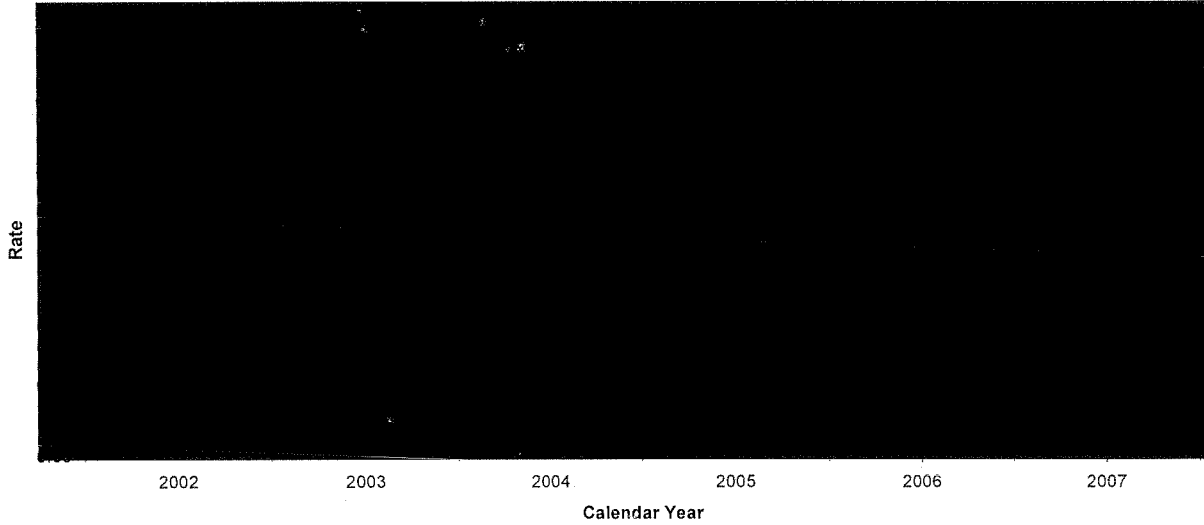


Table E-7. DART Case Rate Comparison – [REDACTED]

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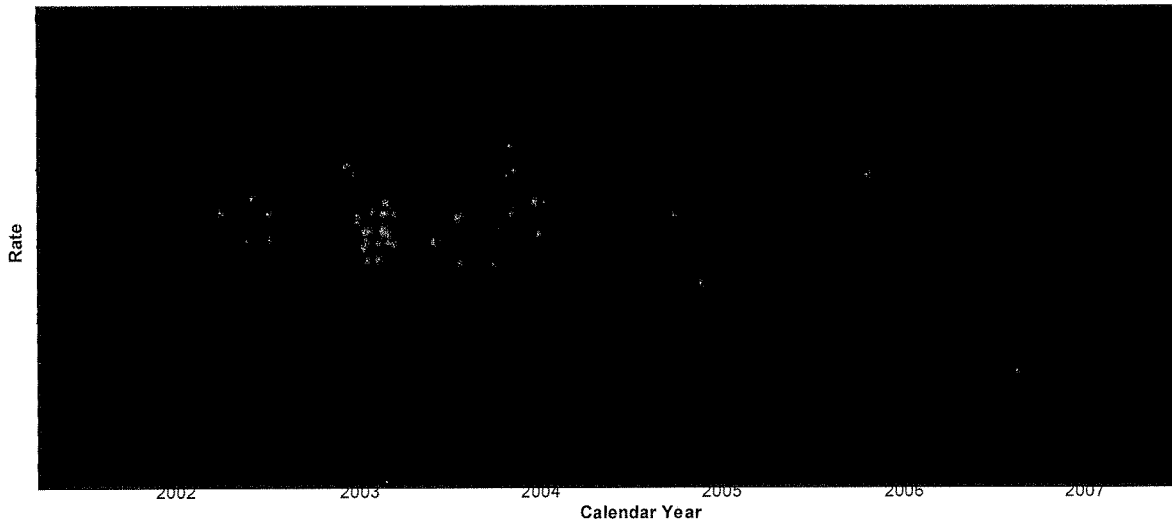


(b5)



Table E-8. TRC Rate Comparison – [REDACTED]

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**Other Past Performance Information**

Prior to completion of this SEB evaluation report, the SEB contacted COs of other major projects to obtain information regarding the Offeror's most current past performance information. The following information was obtained regarding [REDACTED] and AREVA:

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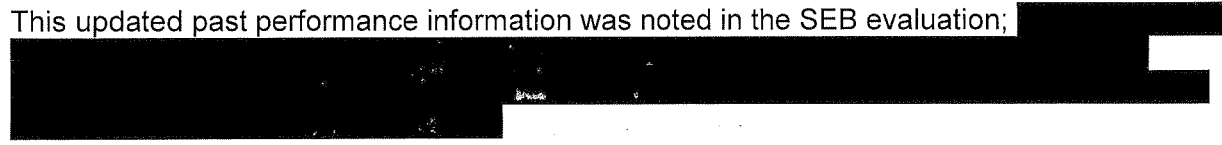
This updated past performance information was considered in the SEB evaluation. [REDACTED]

(b5)



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This updated past performance information was noted in the SEB evaluation;



## Appendix 5. Relevancy Determination for Evaluation Factor E – Past Performance and Factor F – Experience

To evaluate the Offerors' past performance under Section M, Evaluation Factor E, *Past Performance*, and experience under Factor F, *Experience*, the SEB evaluated the relevancy of the projects submitted by each Offeror team in the technical and management proposals, considering the five similarity characteristics in the evaluation factors: contract type, scope, complexity, duration, and risk. For an entity(ies) other than the Offeror, the SEB evaluated past performance and experience in the context of the area(s) of the scope of work the entity(ies) is proposed to perform. Where applicable, a table identifying subcontractor scope is included after the Offeror's basis for project grouping table in this appendix.

These similarity characteristics are defined as follows:

**Contract Type** – Cost-type contracts with cost or schedule incentives. Contract type may be similar in a lead performance role as a prime contractor or sponsoring team member, as an integrated team member or major subcontractor, or dissimilar or in a limited performance role.

**Scope** – Demonstrated similarity to the scope found in Section C.2., which includes:

- C.2.1: Transition
- C.2.2: PFP
- C.2.3: Waste Management Treatment and Disposal
- C.2.4: Groundwater and Vadose Zone
- C.2.5: Soil and Facility Remediation
- C.2.6: Fast Flux Test Facility
- C.2.7: 100 K Area
- C.2.8: 618-10 and 618-11

**Complexity** – Inherent performance challenges requiring innovative solutions; e.g., increasing scope with decreasing funds, interfaces with other projects and operations, substantial amounts/ locations of SNM, chemical, radioactive, and other hazardous materials, and highly challenging regulatory and/or stakeholder environment. Complexity may be substantive, lesser in consequence, or dissimilar to the complexity at Hanford.

**Duration** – Contracts lasting for extended periods of time (five years or greater), such that the duration increases uncertainty and performance risk. Duration may increase uncertainty significantly or to some extent, or it may limit uncertainty.

**Risk** – Work from a cost, schedule, or technical perspective presents uncertainties and challenges that can increase performance time, increase cost, and challenge performance completion. Uncertainties and challenges may be substantial, notable, or few.

Whether or not an Offeror demonstrates one or more of these defined similarity characteristics is shown in the context of the project provided for evaluation in Tables F-1 and F-2 below.



The grouping of the proposed projects that represent the Offerors' past performance and experience was performed as follows:

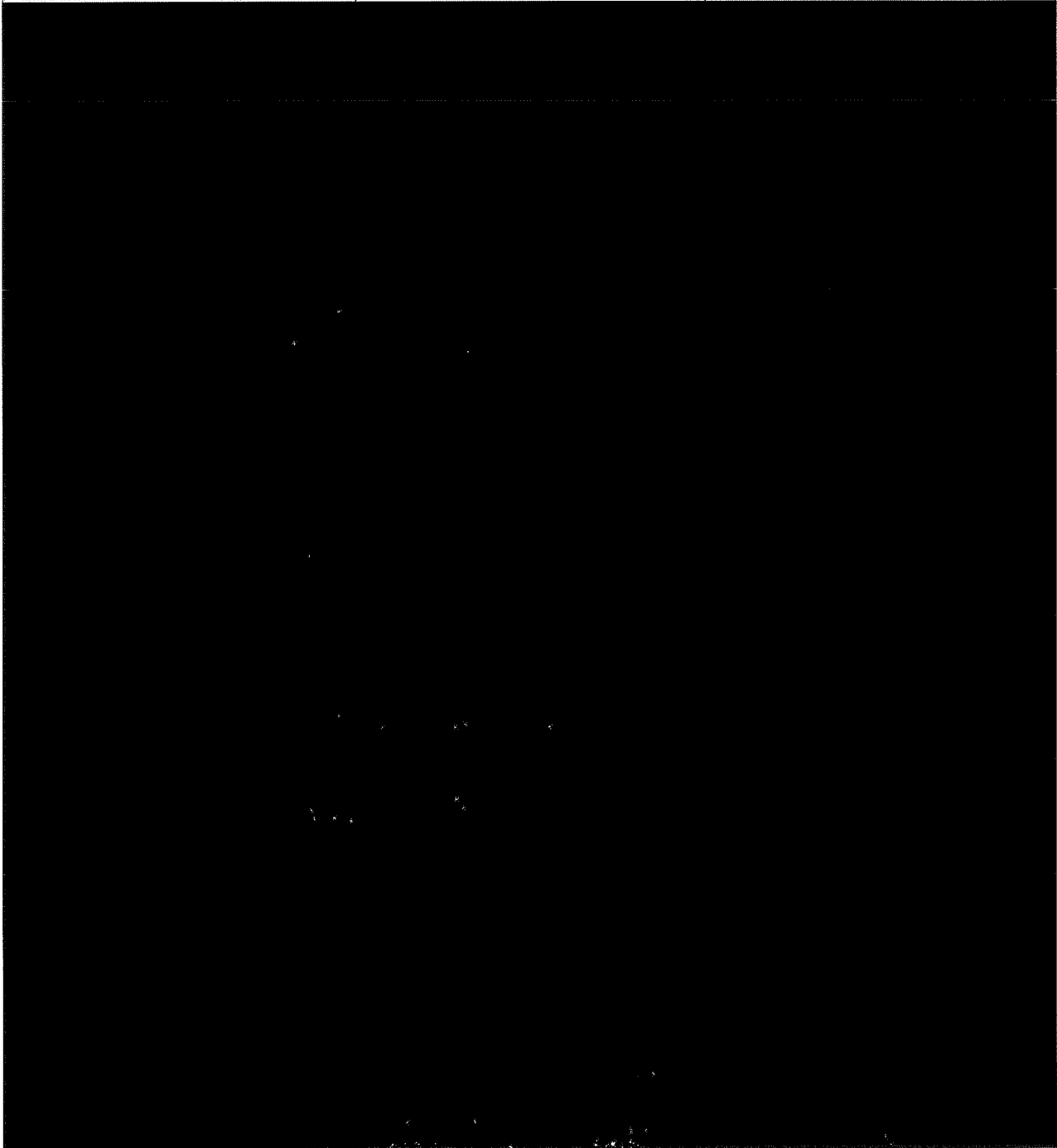
**Group A: Highly Similar** to PRC – Meets all five of the following similarity characteristics as defined above with complete information in proposal to establish similarity: contract-type lead performance role as prime contractor or sponsoring team member; scope (demonstrated similarity in scope to a large portion of the eight subsections contained in PRC Section C.2, *Description of Project Performance Requirements*); substantive complexity similar to that at Hanford; duration that significantly increases uncertainty and performance risk; and risk that presents substantial uncertainties.

**Group B: Moderately Similar** to PRC – Meets a majority of the following similarity characteristics: contract type; scope (demonstrated similarity in scope to a majority of the eight subsections contained in PRC Section C.2, *Description of Project Performance Requirements*); complexity that is lesser in consequence to that at Hanford; to some extent duration increases uncertainty and performance risk; or risk presents notable uncertainties, as defined above; responsible for performance of major work segments as a prime, team member, or major subcontractor; and complete information in proposal to establish similarity.

**Group C: Limited Similarity** to PRC – Meets less than three of the following similarity characteristics: contract type; scope (demonstrated similarity in scope to a majority of the eight subsections contained in PRC Section C.2, *Description of Project Performance Requirements*); complexity; duration; or risk, as defined above; limited performance role(s), only partially responsible for the work; and limited information in the proposal to establish similarity.

The following tables represent Offeror's self-certification of relevant past performance and experience in activities similar to the work described in Section C.2, *Description of Project Performance Requirements* in contract type, scope, complexity, duration, and risk as they apply to the individual projects represented. If an Offeror, either through self-certification or in the written portion of factors E and F, did not identify that it had past performance or experience in a particular area on a project, it was not given credit.

**Table F-1. Project Grouping – CPRC**

<b>A Highly Similar</b>	<b>B Moderately Similar</b>	<b>C Limited Similarity</b>
		


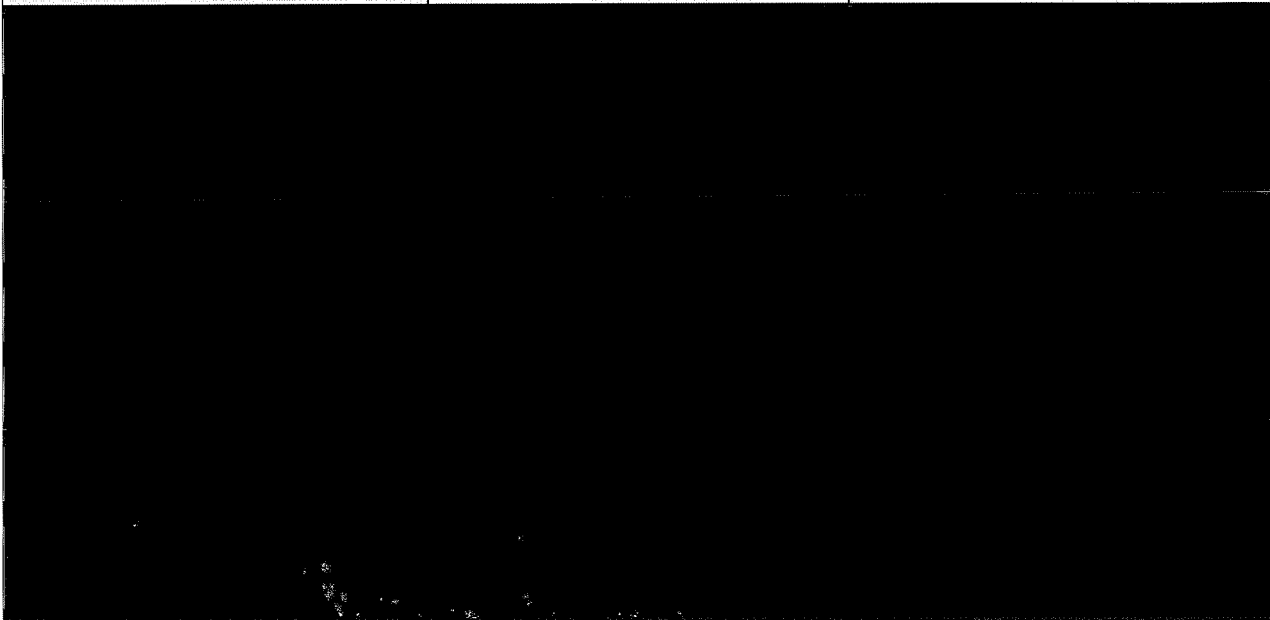
<b>A</b> <b>Highly Similar</b>	<b>B</b> <b>Moderately Similar</b>	<b>C</b> <b>Limited Similarity</b>
		

Table F-2. Project Grouping – [REDACTED]

(b3)

A Highly Similar	B Moderately Similar	C Limited Similarity
[REDACTED]		

(b5)

<b>A</b> <b>Highly Similar</b>	<b>B</b> <b>Moderately Similar</b>	<b>C</b> <b>Limited Similarity</b>
		

(b5)

**Table F-3. Basis for Project Grouping – CPRC<sup>10</sup>**

**Legend:**

- = Meets requirements similar to PRC
- = Meets requirements similar to PRC, but to a lesser extent
- ∅ = Offeror provided information that was not similar or was insufficient to determine similarity
- Blank = Offeror did not assert past performance or experience for this element of scope

Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			

<sup>10</sup> The pre-selected subcontractors on the CPRC team were evaluated in the context of the scope of work each entity was proposed to perform as shown in Table F-3a, CPRC Subcontractor Scope Identification.

Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			

(b3)(b5)

Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			

(b3)(b5)



**Table F-3a. Subcontractor Scope Identification – CPRC**

Entity	SOW Section Number	SOW Section Title
Fluor	All	Support subcontractor in all SOW areas
AREVA	C.2.3.8.1	T Plant modifications for sludge storage
	C.2.3.8.2	Provide alternate TRUPACT loadout capability
	C.2.3.9	Cesium/strontium capsule transfer to dry storage
	C.2.3.10	TPA milestone M-91 upgrades to T Plant
	C.2.3.11	Fuel preparation facility design
	C.2.6	FFTF
	C.2.7.3	K Basins sludge treatment system
	C.2.7.4	K Basins sludge treatment
	C.2.2.3.2	Store/de-inventory un-irradiated fuel
	C.2.2.3.3	Store/de-inventory slightly irradiated spent fuel
M&EC	C.2.3.2	Waste support services
	C.2.3.3	LLW/MLLW treatment
	C.2.3.4	Solid LLW and MLLW disposal

Table F-4. Basis for Project Grouping – [REDACTED]

(b3)

**Legend:**

- = Meets requirements similar to PRC
- = Meets requirements similar to PRC, but to a lesser extent
- ∅ = Offeror provided information that was not similar or was insufficient to determine similarity
- Blank = Offeror did not assert past performance or experience for this element of scope

Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

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Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			

Group	Project	Value	Type	Scope								Complexity	Duration	Risk
				C.2.1	C.2.2	C.2.3	C.2.4	C.2.5	C.2.6	C.2.7	C.2.8			

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**Appendix 6. Evaluation Factor G – Cost and Fee**

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**Table G-1. Summary of SEB Analysis of Evaluated Price – CPRC**

Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
040.07 Transition				
000. Services				
011. Plutonium Finishing Plant				
012. K Basin Closure				
013 & 080. Waste Management				

(b3)(b4)(b5)

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Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
[REDACTED]				
030. Groundwater Remediation	[REDACTED]			
[REDACTED]				
040. Nuclear Facility D&D	[REDACTED]			
[REDACTED]				

(b3)(b4)(b5)

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Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
041. River Corridor (K Area ISS/618-10 & 618-11)				
042. Fast Flux Test Facility				

(b3)(b4)(b5)



Table G-2. Summary of SEB Analysis of Evaluated Price – [REDACTED]

(b3)

Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
040.07 Transition	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
000. Services	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
011. Plutonium Finishing Plant	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
012. K Basin Closure	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
013 & 080. Waste Management	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

(b3)  
 (b4)  
 (b5)

Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
[REDACTED]				
030. Groundwater Remediation				
[REDACTED]				

(b3)(b4)(b5)  
165

Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
040. Nuclear Facility D&D				
041. River Corridor (K Area ISS/618-10 & 618-11)				
042. Fast Flux Test Facility				

(b3)(b4)(b5)

Work Breakdown Structure	CRD (\$K)	Offeror-Proposed Cost (\$K)	SEB Adjustment (\$K)	SEB Calculation (\$K)
[Redacted]				

(b3)(b4)(b5)