



**U.S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION**

1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC		2. DATE 01/09/2004	3. IDENTIFICATION NUMBER DE-AC05-98OR22700
4. WBS ELEMENT CODE 1.12.05.05.01.01		5. WBS ELEMENT TITLE Portsmouth BJC Safeguards and Security	
6. INDEX LINE NO.	7. REVISION NO. AND AUTHORIZATION N/A		8. DATE N/A
9. APPROVED CHANGES N/A			
10. SYSTEM DESIGN DESCRIPTION			11. BUDGET AND REPORTING NUMBER
<p>12. ELEMENT TASK DESCRIPTION</p> <p>WBS GRAPHIC</p> <p>See attached.</p> <p>INTRODUCTION</p> <p>The focus of this activity is to implement an integrated Safeguards and Security Program at Portsmouth for BJC managed facilities at the Portsmouth Gaseous Diffusion Plant to provide adequate protection of personnel, Special Nuclear Materials, classified information, and facilities in compliance with existing laws, directives, and DOE Orders. The safeguards and security program will be implemented in accordance with the Integrated Safety Management System (ISMS).</p> <p>LOGIC RELATIONSHIPS</p> <p>The safeguards and security project provides support to all BJC PORTS subprojects. Funding limitations within this project may interfere with the ability to complete other PORTS sub-projects.</p> <p>SCOPE DESCRIPTION</p> <p>Physical Protection Protective Force (WBS - 05.05.01.01.01)</p> <p>Salaries, Wages and Benefits (B&R - FS.30.01.10)</p> <p>Protective Forces services are purchased from the United States Enrichment Corporation through a work authorization (WA). Primary functions of the Protective Force include access control for security areas, armed response for certain security interests, property protection patrols and inspections, and general security patrols for the BJC Managed Facilities at PORTS. The USEC Protective Forces Program provides trained, equipped personnel to staff and/or implement the DOE Order Requirements as defined by BJC Security. This activity also collects the cost of unanticipated protective force support (non routine support) required to address breaches in the security fence required to support construction or environmental projects and protective support required for the implementation of DOE Order 473.6.</p> <p>Access control Activities include: X-1107 E Vehicle Portal (12 hours per day, Monday through Friday {excluding holidays}) X-1107 E Pedestrian Portal (shift change only) X-1107 D Vehicle Portal (approximately 520 hours annually, Shipping and Receiving and Waste Shipments)</p> <p>Patrol and Facility checks will be conducted as documented in building specific security plans for the X-744G, X-3001, X-345, and X-326 L Cage and X-326 and the Work Authorization (WA).</p> <p>This activity also includes the implementation of additional security requirements defined in DOE Order 473.6, Security Conditions". Current scope includes security costs associated with the implementation of DOE SECON 3 Plus as defined in "PORTS Analysis: DOE SECON - 3+/NRC Security Level 3".</p>			



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<p>Under the Work Authorization, USEC is to provide fully trained and equipped personnel to staff BJC-PORTS posts/patrols. BJC PORTS does not provide budget directly for protective force materials and supplies except in those cases where the material or supplies are unique to BJC/DOE requirements. At this time, USEC Protective Forces are not required to maintain any materials or supplies for the sole purpose of executing BJC scope. Therefore, no budget is reflected in this area.</p> <p>Facilities and Equipment (B&R FS.30.01.30)</p> <p>Under the Work Authorization, USEC is to provide all facilities and equipment required to execute the BJC Protective Force scope as defined in the existing Work Authorization. BJC PORTS does not budget directly for protective force materials and supplies except in those cases where the material or supplies are required specifically to support BJC. At this time, USEC Protective Forces are not required to maintain any facilities and equipment specific to BJC scope. Therefore, no budget is allocated directly to this area.</p> <p>Training (B&R FS.30.01.40)</p> <p>The existing work agreement requires that USEC provide fully trained Security Police Officers (SPOs) to staff BJC posts/patrols. USEC Protective Force Personnel are trained and armed to the standards identified in the "USEC/DOE Arming and Arrest Authority". BJC PORTS does not budget directly for protective force training except in those cases where additional training is required to specifically address DOE requirements.</p> <p>Protective Force Management (B&R FS.30.01.50)</p> <p>The existing work agreement requires that USEC provide a supervised Protective Force staff to execute the current work scope. Therefore, BJC-PORTS does not budget directly for the management of Protective Force personnel. However, BJC does budget for five "Shift Captains" to perform services specific to BJC. The cost of these services is budgeted under Physical Protection Protective Forces.</p> <p>Performance Testing (B&R FS 2002100)</p> <p>The existing work agreement requires that USEC provide fully trained Security Police Officers (SPOs) to staff BJC posts/patrol. Therefore, BJC-PORTS does not budget directly for this activity.</p> <p>Physical Security Systems (WBS - 05.05.01.01.02)</p> <p>Barrier/Secure Storage/Locks (B&R - FS.30.02.30)</p> <p>This activity provides for the implementation of a security key and lock program for the protection of DOE property, DOE Category III quantity of SNM, and classified information. These costs include the services of personnel and materials required for the fabrication of keys, assembly and installation of lock cores, and the tracking of both keys and locks for security interests under the management of BJC on 05/30/02.</p> <p>This activity also collects cost for the procurement and installation of concrete barriers (jersey bouncers) around the Portsmouth cylinder yards and is estimated to cost approximately \$1.6M (Reference BIC to DOE-ORO letter 12/18/01 DOE/NRC)</p>			



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12. ELEMENT TASK DESCRIPTION (Continued) <p>This activity collects the personnel and material costs for the following programs:</p> <ul style="list-style-type: none"> ? Maintaining a security badging program which includes the photographing of personnel, the fabrication of badges (at ETTP), issuing and retrieving security badges, and the maintenance of badge accountability records. ? Maintaining a visitor access control program to ensure that only authorized personnel enter the security areas. The program includes the verification of access authorizations for DOE, Bechtel Jacobs LLC, subcontractors and visitors, the publication of visitor listings, and the distribution of portal media to protective force personnel. ? Developing access control policies/procedures that include administrative controls designed to deter the introduction of prohibited articles into the security areas. <p>Information Security (WBS - 05.05.01.01.04)</p> <p>Information Protection (B&R - FS.30.04.10)</p> <p>This activity collects the cost of maintaining physical security plans for the storage of unclassified sensitive and classified information and matter. Provides for the implementation of physical and administrative controls to enforce the need-to-know policy. This activity includes the cost of conducting preliminary inquiries of security incidents involving the loss or potential compromise of classified or sensitive information. The maintenance of a document control station to include the packaging, mailing, receipt, reproduction, destruction, and distribution of classified documents.</p> <p>The activity also includes security support for an Environmental Management Projects addressing the "clean out" of GCEP facilities.</p> <p>Classification/Declassification (B&R - FS.30.04.20)</p> <p>This activity provides for the services of a classification officer who is trained and certified (appointed) by DOE to conduct reviews of information for the purpose of determining the correct classification level and category, which should be assigned, to the information. This activity also includes reviews for the purpose of downgrading classified documents and declassifying documents. The cost of training personnel to the level of ADC and ADD is included in this activity. This activity also includes the review of materials for "Public Release", processing Freedom of Information Act (FOIA) requests, Privacy Act, and providing guidance on Export Control Information (ECI) and Unclassified Controlled Nuclear Information (UCNI) for normal business conditions (support for extensive litigation requests or support to other "studies" is not included in this activity). The classification office shall provide audit support, and project specific training as required.</p> <p>The Large Scale Classification Review Program (LSCR) is also included in this subproject. The cost associated with this program is based on the review of historical classified documents (generated prior to 1993) at a rate of 75,000 pages annually. The program includes the cost of personnel to conduct document reviews, training cost, document remarking (if required), tracking and reporting activities, and LSCR administrative support. Additional administrative support is required for the retrieval and subsequent filing of classified documents retrieved from the USEC leased record holdings.</p> <p>Operations Security (OPSEC) (B&R - FS 30.04.50)</p>			



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<p>12. ELEMENT TASK DESCRIPTION (Continued)</p> <p>This activity includes personnel for the development of facility security plans for the protection, containment, and surveillance of special nuclear materials. Material control activities includes the development of the Nuclear Material Control and Accountability Plan and the development of security plans to address the protection needs of multiple storage areas containing differing quantities of special nuclear materials. Covered activities include Material Balance Areas and or material flows under the management of BJC as of 5/30/02 and support to the Russian Transparency program.</p> <p>Material Accountability (B&R - FS.30.07.20)</p> <p>Includes the cost of personnel required to maintain nuclear material accounting systems, conduct inventories, establish and implement measurement control activities, complete material transfer documentation, and develop/implement a Tamper Indicating Device (TID) Program for material accountability purpose. Covered activities include 10 facilities and / or BJC material flows under the control of Bechtel Jacobs Company on 5/30/02, and support to the Russian Transparency Program.</p> <p>Program Management (WBS-05.05.01.01.10)</p> <p>Collects the costs for activities required to maintain an integrated safeguards and security program for BJC managed facilities at PORTS. Primary functions include the development of program plans and procedures, financial planning and tracking, professional training and development and oversight and assessment activities. Program planning activities are conducted by BJC employees.</p> <p>Program Planning (B&R - FS.30.09.10)</p> <p>This activity will provide program management support to all PORTS Security projects. This includes Bechtel Jacobs Company support provided by personnel from Security, Project Control, Engineering, Procurement, and ES&H. Specific activities include the development of site security plans, vulnerability assessments, maintenance of the Foreign Ownership Control or Influence (FOCI) Program to include project/subcontract reviews and maintenance of a FOCI database. Other tasks included in this activity are: planning and preparation of fiscal year and life cycle baselines and development/coordination of site tours sponsored by DOE or Bechtel Jacobs Company LLC.</p> <p>Professional Training and Development (B&R - FS.30.09.20)</p> <p>This activity includes the establishment of an ongoing training program for Bechtel Jacobs Company Security personnel. The training program includes the conduct of job analysis, management of training records, development of a training approval program assessment report. and travel expenses associated with attending DOE provided training/certification courses.</p> <p>Policy Oversight and Administration (B&R - FS.30.09.30)</p> <p>This activity includes cost of personnel and materials required for the management and oversight of the S&S activities. Program elements include: implementation of policy; development and modification of procedures; the conduct of self-assessments; the maintenance of a facility registration program (which includes the preparation/submittal/modification/termination of CSCS FORMS); the support of safeguards and security survey activities; and the tracking and reporting on the status of</p>			