

## Exhibit 1 – List of Major Information Systems

### **Defense Line of Business**

#### **National Nuclear Security Administration ADaPT Networked:**

Develops and deploys emerging information networking technology to production processes in support of the U.S. nuclear weapons stockpile.

#### **National Nuclear Security Administration ADaPT Network Infrastructure:**

Develops and deploys emerging information networking technology to production processes in support of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Network Infrastructure:**

This network infrastructure directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Computational Server:**

This computing computational server directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Data Repository:**

This data repository directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Document Scanning Pilot Facility:**

This document scanning pilot facility directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Networked:**

This computing networked directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Stand Alone:**

This computing stand alone directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

#### **Advanced Simulation and Computing Network Infrastructure:**

This computing network infrastructure directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

**Advanced Simulation and Computing Video Processing:**

This computing video processing directly supports the portion of the DOE mission to maintain the safety, security, and reliability of the U.S. nuclear weapons stockpile.

**Integrated Cyber Security Initiative Networked System:**

This network system provides a secure infrastructure to support NNSA scientific, business, and engineering efforts in support of the U.S. nuclear weapons stockpile.

**Integrated Cyber Security Initiative Network Infrastructure:**

This network infrastructure provides a secure infrastructure to support NNSA scientific, business, and engineering efforts in support of the U.S. nuclear weapons stockpile.

**Integrated Cyber Security Initiative Video Processing:**

This video processing system provides a secure infrastructure to support NNSA scientific, business, and engineering efforts in support of the U.S. nuclear weapons stockpile.

**Integrated Cyber Security Initiative Teleconference:**

This teleconference system provides a secure infrastructure to support NNSA scientific, business, and engineering efforts in support of the U.S. nuclear weapons stockpile.

**Local Area Network Material Accountability System (LANMAS):**

This nuclear materials inventory and accountability system will aid the reengineering of business processes and integrate stand-alone systems to ensure cradle-to-grave nuclear materials accountability.

**Nuclear Materials Management & Safeguards System (NMMSS):**

This nuclear materials inventory and accountability system will aid the reengineering of business processes and integrate stand-alone systems to ensure cradle-to-grave nuclear materials accountability.

**National Nuclear Security Administration STA Transportation Command and Control System:**

The mission of this system is to aid in the tracking and communication of the safe and secure transportation of nuclear weapons, components and special nuclear materials.

**Security Office e-DOE Integrated Security System (eDISS+):**

SO eDISS+ allows for electronic receipt, processing, sharing, and archiving of clearance-related data, an electronic signature capability, and will integrate personnel security data and clearance information with other Departmental systems.

**Energy Line of Business****South Western Power Administration EDMS:**

This system will facilitate in creating a more solid network infrastructure supporting collaboration across the DOE Power Marketing Administration sites in marketing the hydroelectric power produced at 23 U.S. Army Corps of Engineers multipurpose dams.

**SWPA MMIS (Cascade):**

This system will facilitate in creating a more solid network infrastructure supporting collaboration across the DOE Power Marketing Administration sites in marketing the hydroelectric power produced at 23 U.S. Army Corps of Engineers multipurpose dams.

**Western Area Power Administration CSO Western Business Information Decision Support System (BIDSS) Upgrade:**

BIDSS is Western's integrated financial, accounting, and business information system that supports the accounting, tracking, and billing of hydroelectric customers.

**Western Area Power Administration CSO Western Business Information Decision Support System-OFA:**

BIDSS is Western's integrated financial, accounting, and business information system that supports the accounting, tracking, and billing of hydroelectric customers.

**Science Line of Business****Energy Science Network (ESnet):**

DOE Energy Sciences Network (ESnet) system is in Support of Advanced Scientific Computing Research.

**Oak Ridge National Laboratory Center for Computational Sciences:**

Center for Computational Sciences is a collaboration of DOE-SC and a world-class team from national labs and private industry. It evaluates and deploys technology to maximize performance of scientific applications and advances the Nation's science and technology research.

**Lawrence Berkley Laboratory National Energy Research Scientific Computing Enclave:**

The Lawrence Berkley Laboratory National Energy Research Scientific Computing (NERSC) Enclave system is in Support of Advanced Scientific High Performance Computing.

**Pacific Northwest National Laboratory Environmental Molecular Sciences Laboratory:**

This system is dedicated to addressing Grand Challenge computational problems in environmental science at the molecular level.

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**Science Lattice Quantum ChromoDynamics Computing:**

This system provides the computational infrastructure needed to carry out research in theoretical physics in support of these experimental programs.

**CMMS Major Application:**

This is an Enterprise Resource Planning program, which is a cross-National Laboratory business process and technology solution aimed at increasing efficiency and effectiveness via integration and reduction of application silos in support of scientific missions.

**E-Gov Corporate R&D Portfolio Management Environment (ePME) Enclave:**

The E-Gov Corporate R&D Portfolio Management Environment Enclave system is the DOE's corporate technology solution that provides a new R&D management and administration capability to allow for effective technical program and project management for scientific R&D work proposals.

**Energy Efficiency and Renewable Energy Corporate Management and Planning System:**

EERE Corporate Management and Planning System will incorporate separate EE Sector Financial Systems: OITIS, OPTIS, BRUTIS, and I-Explorer and will support program/project planning for EE scientific programs.

**Windows Systems Approach to Grants Administration:**

This system includes maintenance of the Windows-based client/server system WinSaga and will ultimately transition to Grants.gov. EE Grants Administration supports the Office of Energy Efficiency Home Weatherization grants to states program.

## **Environment Line of Business**

### **(FY06) EM HQ Web Based Mission Support Systems:**

EM HQ Web Based Mission Support Systems provides mission critical tools including commitment tracking; team collaboration, knowledge management, workflow management, Electronic records management, and Web Content Management to support EM environmental site clean-up strategic goals.

### **Environmental Management Access Control [RADAC]:**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

### **Automated Transportation Management System (ATMS):**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

### **Environmental Management Headquarters EM 20 ATMS:**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

### **Environmental Management Headquarters EM 20 RADTRAN:**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

### **Environmental Management Headquarters EM 20 --Transportation Routing Analysis Geographic Information System (TRAGIS):**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up

activities.

**Environmental Management Headquarters EM 20 RADCALC:**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

**Environmental Management Headquarters EM 20 --Transportation Communications System (TRANSCOM):**

This application is used by DOE's National Transportation Program to support the planning and execution of its transportation responsibilities for all non-classified shipments of hazardous materials, including radioactive, mixed wastes, and other commodities in support of environmental site clean-up activities.

**Legacy Management 5000:**

This system aids in the mission of Legacy Management which is to manage the Department's post closure responsibilities and ensure the future health and protection of the environment.

**Civilian Radioactive Waste Management DOE Licensing Support Network (LSN):**

The Licensing Support Network is a web-based electronic discovery system required to meet the requirements in 10CFR2 Subpart J. This system contains documentation to support the licensing of Yucca Mountain as a long-term nuclear waste storage facility. The DOE portion of the LSN was activated in June 2004. The LSN is expected to be operational through 2010.

**Corporate Management Line of Business**

**Extended Common Integrated Technology Environment (eXCITE):**

This system will facilitate in creating a more solid network infrastructure supporting collaboration across the DOE sites. This system includes infrastructure to support multi-site Program management and administration activities.

**Environment, Safety & Health Energy Employees Occupational Illness Compensation Act Initiative:**

This system captures Department of Energy Employee health case information in support of an illness compensation initiative established by the Act. Fiscal Year 2005 National Defense Authorization Act abolished Part D of the EEOICPA administered by the DOE and replaced IT with a new system of federal payments called Part E to be administered by the Department of Labor.

**Environment, Safety & Health Case Management System:**

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**DOE Enterprise Architecture Repository:**

The DOE Enterprise Architecture (EA) Repository ensures compliance with OMB A-130/Clinger-Cohen Act by promoting standard architectural practices, providing a framework for systems modernization, and establishing an EA vision aligned with DOE strategic goals. The repository includes information on business functions, applications/systems, technology, and data within the Department.

**Electronic Capital Planning & Investment Control (eCPIC):**

eCPIC is a system to electronically reconfigure and re-scope the DOE electronic Capital Planning and Investment Control (eCPIC) process to address deficiencies in current IT management practices. The system contains information on major and non-major information technology investments within the Department.

**Idaho National Engineering & Environmental Laboratory Financial System:**

Maintains and operates INEEL financial systems consisting of Commercial Off The Shelf applications, interfaces with external source systems (i.e., Supply Chain & Payroll), & in-house developed bolt-ons. Performs General Ledger, Asset Management, Accounts Receivable, Costing, Billing, & DOE reporting.

**Idaho National Engineering & Environmental Laboratory Business Systems:**

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**Nuclear Energy-ORACLE FINANCIALS:**

Maintains and operates INEEL financial systems consisting of Commercial Off The Shelf applications, interfaces with external source systems (i.e., Supply Chain & Payroll), & in-house developed bolt-ons. Performs General Ledger, Asset Management, Accounts Receivable, Costing, Billing, & DOE reporting.

**Management, Budget & Evaluation Procurement and Assistance Data System (PADS):**

A Headquarters procurement-based system associated with planning, awarding, and administering various unclassified acquisitions.

**Management, Budget & Evaluation e-Procurement:**

A Headquarters procurement-based system associated with planning, awarding, and administering various unclassified acquisitions.

**Management, Budget & Evaluation Enterprise Human Resources System (CHRIS):**

CHRIS serves as the Department's official record for human resource information and is maintained by the Office of Management, Budget and Evaluation.

**Management, Budget & Evaluation Employee Self Service (ESS):**

This system contributes to the Department's official record for human resource information and is maintained by the Office of Management, Budget and Evaluation. This application enables employee access to CHRIS information.

**Management, Budget & Evaluation DOE Jobs Online (QuickHire):**

This system contributes to the Department's official record for human resource information and is maintained by the Office of Management, Budget and Evaluation. This application facilitates the posting a processing of job vacancies and applications.

**Management, Budget & Evaluation DOEInfo:**

This system contributes to the Department's official record for human resource information and is maintained by the Office of Management, Budget and Evaluation. This application contains contact and organizational information on DOE employees and contractors.

**PeopleSoft System:**

A Human Resources systems tool, used for budgeting, head count, employee information.

**Management, Budget & Evaluation Financial Data Warehouse (FDW):**

A department-wide financial data warehouse that will integrate financial, budgetary, procurement, personnel, program and performance information.

**Management, Budget & Evaluation I-MANAGE Data Warehouse (IDW):**

A department-wide I-Manage data warehouse that will be the next generation of integration of



financial, budgetary, procurement, personnel, program and performance information.

**Management, Budget & Evaluation DISCAS-Core:**

The DISCAS-Core system is the Department's core accounting and financial reporting system.

**Management, Budget & Evaluation Funds Distribution System (FDS):**

The Funds Distribution System (FDS) system is the Department's budget execution and activity-based management/costing system.

**Management, Budget & Evaluation I-MANAGE STARS:**

This system will replace the Department's accounting and financial reporting systems, electronically integrating budget formulation, budget execution, accounting, financial reporting, activity-based management/costing, and performance measurement.

**Management, Budget & Evaluation Standard Budget System (SBS):**

The Standard Budget System (SBS) system will replace the Department's accounting and financial reporting systems, electronically integrating budget formulation, budget execution, accounting, financial reporting, activity-based management/costing, and performance measurement.

**Management, Budget & Evaluation Management Analysis Reporting System (MARS):**

The Management Analysis Reporting System (MARS) is the Department's financial reporting system.

**Management, Budget & Evaluation Budget Table System (BTS):**

The Budget Table System (BTS) is the Department's budget formulation and reporting system.

**Management, Budget & Evaluation Vendor Inquiry Payment Electronic Reporting System (VIPERS):**

The Vendor Inquiry Payment Electronic Reporting System (VIPERS) is the Department's accounting system that supports electronic processing of vendor payments.

**Management, Budget & Evaluation Customer Information Self Service System (CISS):**

This Customer Information Self Service System (CISS) provides financial account information on demand to Department customers.

**Management, Budget & Evaluation eContent Management System (ECMS):**

An enterprise-wide, integrated document and records management system that covers the full life-cycle of Department documents.

**Oracle Financial and Manufacturing Access:**

The Enterprise Resource Planning is a cross-National Laboratory business process and technology solution aimed at increasing efficiency and effectiveness via integration and reduction of business administrative application silos.

**Oak Ridge National Laboratory Enterprise Resource Planning System (SAP):**

ORNL's SAP (Systems, Applications, and Products in Data Processing) is the business and human resource system including payroll, project management, accounting, accounts Receivable, accounts Payable, human resources, contracts, and procurement.

**Richland PHMC Business Management System (BMS):**

Business Management System (BMS) supports business & administrative functions required by two Prime Contractors (Richland Project Hanford Management Contract & RPP). This integrated Enterprise Resource Planning system supports finance, human resources, pension, acquisitions, training, benefits, payroll, contracts, and property related needs.