

ANL

GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND RENEWING THE FACILITY AND INFRASTRUCTURE PORTFOLIO TO MEET LABORATORY NEEDS

Objective 7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

Measure 7.1.1:

Effectiveness and efficiency of maintenance activities to maximize the operational life of facility systems, structures, and components as outlined in DOE O 430.1B and demonstrated by meeting site specific Maintenance Investment Index (MII), Facilities Asset Condition Index (ACI) and Deferred Maintenance Reduction Funding goals.

Description of Method:

The MII, expressed as a percentage, is defined as the Actual Maintenance Expenditures divided by the Replacement Plant Value (RPV) for conventional facilities at the site.

$$MII = \frac{\text{Actual Maintenance Expenditures}}{RPV}$$

The Deferred Maintenance (DM) Reduction funding targets have been established by DOE-SC to address the backlog of DM. The FY 2008 funding target for Argonne is \$1,983K. Per DOE-SC, DM reduction funding comes from Laboratory overhead and is in addition to maintenance investment.

The ACI is (1) minus the Facility Condition Index (FCI). FCI is the ration of Deferred Maintenance to Replacement Plant Value. The FCI is derived from data in FIMS. $ACI = 1 - FCI$ or $1 - DM/RPV$

Target 7.1.1.1:

Expectation:

Maintenance Investment Index = 2% or greater

Deferred Maintenance Reduction Funding = 100% or greater

Asset Condition Index expectation = 0.95 or greater

GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND RENEWING THE FACILITY AND INFRASTRUCTURE PORTFOLIO TO MEET LABORATORY NEEDS (cont.)

Objective 7.2 Provide Planning for and acquire the Facilities and Infrastructure required to support Future Laboratory Programs

Facility planning, forecasting, and acquisition activities translate business needs and facility condition information into a comprehensive facility strategic plan for effective and efficient execution as demonstrated through the accomplishment of critical tasks.

Measure 7.2.1: Description of Method -

Task #	Task	Point Value
1.	Development of TYSP in accordance with guidance	10 pts
2.	Conduct a FIMS Data Validation Assessment with ASO and score results i/a/w DOE Guidance	5 pts
3.*	Completion of Infrastructure Management costs saving and/or productivity improvement feasibility studies or implementation of cost savings/productivity improvement initiatives.	5pts/study or initiative
4.*	At the completion of the feasibility study for the implementation of co-generation at Argonne, develop an action plan, with discreet milestones for moving the initiative to a logical conclusion. The successful accomplishment of the milestones listed for the current year will be the basis for evaluating the performance for this task. Points will be based on the proportion of milestones achieved.	20 pts
5.*	Develop a plan that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.	20 pts
6.	Facilitate award of at least one delivery order, under the Energy Savings Performance Contract (ESPC) or Utilities Energy Savings Contract (UESC), in accordance with DOE Order 430.2A, DOE Headquarters policies, ESPC rules, and DOE legal opinions.	5 pt/award
7.	Reduce energy use per gross square foot by 3 percent than the previous year.	1 pt/0.5%
8*	Complete scheduled CAS inspections (Critical Task)	1 pt/10%
9.	Timely submission of Quarterly Maintenance Report in accordance with reporting guidance	1 pt/report

* Critical tasks

Target 7.2.1.1: Expectation: 75 points and all critical tasks completed.

GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND RENEWING THE FACILITY AND INFRASTRUCTURE PORTFOLIO TO MEET LABORATORY NEEDS (cont.)

Measure 7.2.2: Project Cost and Schedule Compliance - This performance indicator is intended to encourage efficiency in meeting Cost and Schedule Performance Index for infrastructure related projects and to demonstrate project cost and schedule implementation in accordance with approved baselines.

Description of Method:

Project Schedule Compliance = $\frac{\text{Sum of BCWP}}{\text{Sum of BCWS}}$

Project Cost Compliance = $\frac{\text{Sum of BCWP}}{\text{Sum of ACWP}}$

Earned Value Management System (EVMS) Legend:

BCWS = Budgeted Cost of Work Scheduled;

BCWP = Budgeted Cost of Work Performed;

ACWP = Actual Cost of Work Performed

Target 7.2.2.1: Expectation - Cost and Schedule Compliance of 0.96 or greater.

Measure 7.2.3: Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

Target 7.2.3.1: Expectation - Develop strategy by September 30, 2008.

Measure 7.2.4: The Laboratory shall demonstrate commitment to continuous improvement of the Project Management System by again completing the Project Management Institutes Organizational Project Management Maturity Model (OPM3) Self Assessment and developing and gaining ASO concurrence on an improvement plan for FY 2008. The improvement plan will address deficiencies, gaps and opportunities for improvements identified in the OPM3 assessment as well as items not completed under the FY07 PEMP 7.2.3 goal. The improvement plan will be carried out as a project with milestone deliverables to be agreed upon by the end of the first quarter of FY08.

Target 7.2.4.1: All project milestones and deliverables met.

**GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND
RENEWING THE FACILITY AND INFRASTRUCTURE PORTFOLIO TO MEET
LABORATORY NEEDS (cont.)**

Notes and Assumptions:

1. Calculations for the Facility Management measures will be based upon data taken from the Facilities Information Management System (FIMS), DOE's official real property database. (Objective 7.1)
2. Critical Task 3 will require completion of at least one study related to maintenance areas. Critical Task 4 will require meeting at least 70% of the goals. Critical Task 8 will require meeting at least 80% of the goals. (Objective 7.2, Measure 1)
3. The types of projects to be assessed in this measure include:
 - o Science Laboratory Infrastructure (SLI) - Line Item projects;
 - o Institutional General Plant Projects (IGPP);
 - o General Plant Projects (GPP);
 - o Environmental Management Projects;
 - o SC Funded Excess Facility Projects; and
 - o Any Other Selected Infrastructure Related Projects (Objective 7.2, Measure 2)
4. Argonne and ASO to reach agreement on the scope, schedule and cost baselines prior to project funding. (Not all projects are approved at the beginning of the evaluation period.) (Objective 7.2.2)
5. An infrastructure construction project shall be considered complete upon beneficial occupancy/use of the facility/system/equipment, as appropriate, provided that the remaining construction activities are limited to minor punch list items, and that such occupancy/use can be conducted in a safe manner and without interruptions by the remaining construction activities. Completion criteria will be documented in project baseline documentation. (Objective 7.2, Measure 2)
6. Project performance will be based on based upon cumulative scope, schedule, and cost data reported only in the year the project is completed. The quality of project deliverables (for example, in terms of the extent and number of times revisions are required) will be factored into the cost and schedule compliance calculation for individual projects. Individual project grades maybe adjusted up to a maximum of 5% which equates to one grade level. (Objective 7.2, Measure 2)
7. Performance for EM projects will be based upon annual fiscal scope, schedule and cost baselines and will be adjusted during the performance period to reflect DOE directed changes. (Objective 7.2, Measure 2)
8. The total of all funded projects completed in a current fiscal year, for each project type, with exception of SLI line item projects (as listed in Notes and Assumptions #3) will be treated as a separate funded line item for Objective 7.2, Measure 2.
9. Any Project Baseline Change Requests submitted by ANL will be approved or disapproved by ASO, within 20 calendar days. (Objective 7.2, Measure 2)

**GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND
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LABORATORY NEEDS (cont.)**

10. All performance measurement values shall be based on the Earned Value Management System (EVMS). (Objective 7.2, Measure 2)

11. Calculations for the Energy Use Reduction will be normalized as agreed upon by ASO and ANL by the end of the first quarter of FY08 for weather and operating variances. (Objective 7.2, Measure 1, Task 7)

12. Formal Documentation of all cost savings and/or productivity improvements to DOE is required. (Objective 7.2, Measure 1, Task 3)

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September 28, 2007
 Modification No M017
 Supplemental Agreement to
 Contract No DE-AC02-06CH11357
 Section J, Appendix B

GOAL # 7 - SUSTAIN EXCELLENCE IN OPERATING, MAINTAINING, AND RENEWING THE FACILITY AND INFRASTRUCTURE PORTFOLIO TO MEET LABORATORY NEEDS - ROLL-UP SUMMARY

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			45%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			55%		
Performance Goal 7.0 Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – 7.0 Goal Final Letter Grade

Goal 7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for laboratory facilities and infrastructure needs required to efficiently and effectively carry out current and future S&T programs, and manages DOE facilities and infrastructure in a cost effective manner that ensures their safe and reliable operation consistent with program missions needs and DOE stewardship requirements.

The weight of this Goal is 15%.

Objective 7.1 - Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

The weight of this Objective is 50%.

Measure 7.1.1

The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution. Factors to be considered in determining the performance level include:

- Conducting an ongoing Condition Assessment Survey (CAS) process and utilizing the CAS data in site, facilities, and maintenance planning.
- Maintaining an accurate space management database and optimizing space utilization.
- Accurately determining and recording real property valuation data.
- Ensuring optimum allocation of infrastructure project funding through a risk-based evaluation and decision process (3PBP and related budget processes).
- Determining when facilities should be declared excess and placing them in excess status with effective surveillance and maintenance programs.
- Promptly providing site, energy, and facilities information to DOE through regular reporting and periodic data calls.
- Managing the energy conservation program.
- Managing the DOE Environmental Restoration program projects.

Target 7.1.1.1

Maintain balanced priorities through effective utilization of the BNL Project, Planning, Programming and Budgeting Process (3PBP) project tracking and prioritization process. Have the Consolidated Unfunded Requirements List (CURL) funded projects approved by the BNL Policy Council in a timely manner.

Target 7.1.1.2

Environmental Restoration Projects must demonstrate effective project planning and cost control of remediation projects throughout the life cycle of the assigned projects.

Expectation: Annual Schedule Performance Index and Cost Performance Index will be maintained above 0.90.

Measure 7.1.2

The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets. Factors to be considered in determining the performance level include:

- Operating an effective maintenance program including predictive and preventive maintenance.
- Deciding on level and allocation of maintenance effort and resources based on the Laboratory's Ten Year Site Plan.
- Integrating management of the deferred maintenance backlog with the Ten Year Site Plan.
- Tracking, trending, and managing facilities and utility systems reliability and availability to ensure customers can accomplish their mission objectives.

Target 7.1.2.1

BSA will maintain reliable electrical and building infrastructure. (Use existing infrastructure reliability index calculation.) The infrastructure reliability index (RI) will be 0.9997 (or better) for FY08.

$$(RI) = 0.6 (ESR) + 0.4 (BFR)$$

Electric System Reliability (ESR):

$$(ESR) = \frac{\text{Total Customer Hours} - \text{Unplanned Outage Customer Hours}}{\text{Total Customer Hours}}$$

Building and Facilities Reliability (BFR):

$$(BFR) = \frac{\text{Total Building Availability (ft}^2\text{-days)} - \text{Building Failures (ft}^2\text{-days)}}{\text{Total Building Availability (ft}^2\text{-days)}}$$

Target 7.1.2.2

The Laboratory's Maintenance Investment Index will meet DOE goals of $MII \geq 2.0$.

Target 7.1.2.3

The Laboratory's Deferred Maintenance Reduction expenditures will meet DOE SC proposed target for FY 2008. (Current DOE SC DMR target for BNL for FY 08 is \$7.163 million, as of 9/13/07).

Measure 7.1.3

In support of the goals of the Department of Energy’s Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall cooperate with federal Site Office personnel to provide full and open access to the maximum extent practicable to NNSA/DOE-contracted Energy Service Companies (ESCOs) under Energy Savings Performance Contracts (ESPCs), to facilitate on-site assessments of opportunities to improve the Site’s energy efficiency, water reduction and renewable energy improvements, and shall provide advisory assistance in reviewing ESCO recommendations as directed by the Contracting Officer. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, when directed by the Contracting Officer, assist the Site Office in the monitoring and execution of ESPC projects.

An update to the Ten Year Site Plan (TYSP) is developed and approved by DOE that adequately addresses the BNL site's contribution to meeting the Agency wide goals of the Secretarial TEAM initiative and the goals set forth in Executive Order 13423.

Target 7.1.3.1

The Team portion of the BNL TYSP will include detailed plans and milestones for achieving site-specific energy efficiency goals and objectives; will constitute an executable plan to meet the TEAM initiative; and be reviewed and accepted by BHSO by 9/30/2008.

Objective 7.2 - Provide Planning for and Acquire the Facilities and Infrastructure Required to Support Future Laboratory Programs.

The weight of this Objective is 50%.

Measure 7.2.1

Integration and alignment of the Ten Year Site Plan to the Laboratory’s comprehensive strategic plan. Factors to be considered in determining the performance level include:

- Planning and managing the acquisition of utilities including load forecasting, utilities options studies, and negotiating long term utilities contract terms for recommendation to BHSO.
- Planning and obtaining budget support for line item infrastructure projects to meet the needs of the Lab’s Strategic Plan.
- Developing sound business cases and proposing alternatively financed projects to meet the needs of the Lab’s Strategic Plan.

- Coordinating the site, facility, and utility needs of large programmatic projects to ensure the project-Lab infrastructure interface is well-managed.

Target 7.2.1.1

BNL's Ten Year Site Plan is aligned with BNL's Business Plan. BNL's Project, Planning, Programming and Budgeting Process (3PBP) outcomes (e.g., projects approved by Policy Council) are aligned with BNL Business Plan. BNL will continue to study electric power supply options beyond the current three-year NYPA contract.

Measure 7.2.2

Effectively utilize Cost and Schedule Performance Index for management of construction projects (when appropriate). Factors to be considered in determining the performance level include:

- Develop and continuously improve a Lab-wide Earned Value Management System (EVMS) and supporting procedures.
- Train project engineers and managers in EVMS and related project management tools and techniques.
- Utilize cost, schedule, and technical baselines and regularly monitor performance to manage projects from GPP to line items, utilizing project management tools appropriate to project size and complexity.

Target 7.2.2.1

BSA manages SLI Line Item and GPP projects effectively to agreed scope, schedule, obligation and cost baselines using agreed upon Project Management measures. Programmatic Research Facilities (addressed in Goal 2) and Environmental Management funded projects (addressed in Target 7.1.1.2) are excluded here.

Measure 7.2.3

Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

Target 7.2.3.1

Develop strategy by September 30, 2008.

BNL

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			50%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			50%		
Goal 7.0 Total					

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Weighted Score	Total Points
6.0 Deliver Efficient, Effective, and Responsive Business Systems and Resources that Enable the Successful Achievement of the Laboratory Mission(s)					
6.1 Provide an Efficient, Effective, and Responsive Financial Management System(s).			30%		
6.2 Provide an Efficient, Effective, and Responsive Acquisition and Property Management System(s)			30%		
6.3 Provide an Efficient, Effective, and Responsive Human Resources Management System and Diversity Program			20%		
6.4 Provide efficient, effective, and Responsive Management Systems for Internal Audit and Oversight, Quality; Information Management; and Other Administrative Support Services as Appropriate			10%		
6.5 Demonstrate Effective Transfer of Technology and Commercialization of Intellectual Assets			10%		
Performance Goal 6.0 Total					

Table 6.1 – Goal 6.0 Performance Rating Development

Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0

Table 6.2 – Goal 6.0 Final Letter Grade

7.0 Sustain excellence in Operating, Maintaining, and Renewing the Facility and infrastructure Portfolio to Meet Laboratory Needs.

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this goal is 20%.

Goal 7.0 shall measure the overall effectiveness and performance of the Contractor in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today’s and tomorrow’s complex challenges.

Objectives:

7.1 Manage Facilities and Infrastructure in an efficient and Effective manner that optimizes usage and minimizes Life Cycle costs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution;
- The day-to-day management and utilization of space in the active portfolio;
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets; and
- The management of energy use and conservation practices.
- Specific tasks associated with each Measure is documented in the UC/LBNL/BSO FY08 Facilities and Infrastructure Performance Assessment Model (PAM).

Measures:

7.1.1 Maintenance and Utility Reliability- Effectiveness and efficiency of maintenance activities to maximize the operational life of facility systems, structure and Components.

FY 2008 Target: LBNL achieves the following milestones based on the Facilities and Infrastructure Performance Assessment Model (PAM). The PAM milestones are:

- Maintenance Investment Index (MII) equal to 2% of Replacement Plant Value;
- Asset Condition Index (ACI) reflecting deferred maintenance reduction of \$6.06M or a revised figure mutually agreed between DOE and LBNL by March 31, 2008; and,
- Completion of RPAM activities as follow: FY08 Condition Assessment Summary Report; FY07 Actual Maintenance Report; FY08 Required Maintenance Report; and, review and update the LBNL Maintenance Plan.

7.1.2 Energy and Utility Management initiatives are managed through the FY 2008 LBNL Comprehensive Energy Management Plan (CEMP).

FY 2008 Target: LBNL meets expectations for all five Comprehensive Energy Management Plan required objectives. The objectives are:

- 1) complete requirements identified in the LBNL CEMP;
- 2) energy use per gross square foot is 2 percent less than the previous year;
- 3) green MWH purchased is equal to or greater than 3 percent of total MWH purchased.;
- 4) new buildings are designed to use 30 percent less energy; and
- 5) "29" electricity usage meters are installed.

7.1.3 Real Property Management Space/Facility Utilization - Effectively managed consistent with mission, requirements, and DOE direction. Intent is to measure the effectiveness, completeness, and timeliness of implementation of Real Property management using Facilities Information Management System (FIMS) office space utilization, facilities asset and utilization index (AUI), and real property leases.

FY 2008 Target: LBNL achieves 5 of the 6 milestones based on the Facilities and infrastructure Performance Assessment Model (PAM) The PAM milestones include:

- Populate FIMS with Executive Order 13327 required data elements;
- Document underutilized or unsuitable excess space and AUI, and recommend its inclusion in FIMS and the Ten-Year Site Plan
- Timely acquisition of lease space. Complete B937 move plan (Q1 FY08). Complete FY08 portion of approved B937 plan by Q4 FY08.

- Ensure FIMS consistency with other DOE databases. Produce documentation that shows quarterly reconciliation between FIMS and Management and Analysis Reporting System (MARS).
- Ensure FIMS supports Space Banking Reporting. Prepare annual memo to DOE regarding Space Banking, reflecting FIMS archived square footage, facilities flagged as excess and excess years.
- Complete Internal FIMS Data Validation per DOE requirements.

7.2 Provide Planning for and acquire the Facilities and Infrastructure required to support Future Laboratory Programs.

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- Integration alignment and effectiveness of the Ten Year Site Plan to the Laboratory's comprehensive strategic plan;
- The facility planning, forecasting, and acquisition for effective translation of business needs into comprehensive and integrated facility site plans;
- Effectiveness in meeting project performance baselines for scope, schedule and cost;
- Overall responsiveness to customer mission needs; and
- Efficiency in meeting Cost and Schedule Performance Index for construction projects (when appropriate).

Measures:

- 7.2.1 Integrated Site Planning - The Laboratory develops, documents, and maintains an integrated site planning process that is aligned with DOE mission needs and the Laboratory strategic/business plan. Intent is to measure the effectiveness of integrated site planning activities using any related site development planning documents. Each task is assessed individually.

FY 2008 Target: LBNL meets expectations for three tasks based on the Facilities and Infrastructure Performance Assessment Model (PAM) The three tasks to be performed are:

- Prepare and ensure DOE Planning Documents such as the TYSP addresses LBNL strategic goals, SC's guidance and BSO Comments.
- Review selected proposals for NEPA/CEQA compliance. Review and process research, construction, maintenance, and operations proposals for NEPA/CEQA compliance.
- ASCE-31 Seismic evaluations: Complete 100% of trailer and unoccupied building inventory.

- 7.2.2 Construction/Project Management - Activities and requirements related to Line Item projects are complete within preliminary performance baselines for scope, schedule and cost (established at CD-1) or performance baselines (established at CD-2). Each task is assessed individually.

FY 2008 Target: LBNL adheres to the performance baseline for selected projects and manages GPP priority list and associated cost and schedule based on the Facilities and Infrastructure Performance Assessment Model (PAM). The rated projects/programs are:

- Demolition of B51 and the Bevatron;
- B77 Phase II Rehabilitation;
- User Support Building;
- General Plant Project (GPP) Program; and,
- Seismic Phase I and Seismic Phase 2.

LBNL

7.2.3 Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

FY 2008 Target: Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Weighted Score	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			50%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			50%		
Performance Goal 7.0 Total					

Table 7.1 –Goal 7.0 Performance Rating Development

Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0

Table 7.2 – Goal 7.0 Final Letter Grade

8.0 Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and the Emergency Management System

The Contractor sustains and enhances the effectiveness of integrated safeguards and security and emergency management through a strong and well deployed system.

The weight of this goal is 8%.

The Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems Goal shall measure the Contractor’s overall success in safeguarding and securing Laboratory assets that supports the mission(s) of the Laboratory in an efficient and effective manner and provides an effective emergency management program.

Objectives:

8.1 Provide an Efficient and Effective Emergency Management System

- 6.4.3 Demonstrate a successful self-assessment program through review of line management feedback and improvement programs

B+ Target: Perform all assessments of line organizations as agreed upon with DOE and average of assessments results is at the "meets expectations" level.

Objective 6.5 Demonstrate effective transfer of technology and commercialization of intellectual assets (15%)

- 6.5.1 Indicators of Technology Transfer and Economic Development (TTED) performance are in four broad areas: Intellectual Property (IP) Legal, Commercialization, Industrial Partnerships, and Regional Partnerships. Those areas include: Patent Management, IP Management System, Invention disclosures, Transaction Support, Privately funded Technology Transfer, Licensing, Inventorship Support, Technology Maturation, Research Contracts, Research Partnerships, Science and Technology Park, Business Systems, Lab of the South Initiatives, Innovation Valley Initiatives, Economic Development Linkages, and Entrepreneurial Support.

B+ Target: The target indicators for TTED performance are managed using a holistic approach that integrates and implements TTED activities to enhance the mission of the Laboratory. The measure of performance expected includes a significant level of commercialization of intellectual properties that are generated from the research being conducted at ORNL. Also, the management process for TTED has no significant weaknesses or gaps, innovative solutions are evident as key improvement tools, benchmarking/trending is used as a management tool, and the outcome has created a positive experience for both stakeholders and customers.

7.0 Sustain excellence in operating, maintaining, and renewing the facility and infrastructure portfolio to meet laboratory needs (20%)

Objective 7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs (35%)

- 7.1.1 The Nuclear Operations Directorate consolidation program will reduce the nuclear facilities footprint with emphasis on relocation of strategic capabilities to Melton Valley

B+ Target: The Nuclear Operations Directorate will provide the support required to submit to EM DOE the CD-1 package for the Infrastructure Facilities Development Project (IFDP) as scheduled.

7.1.2 Timely completion of System Design Descriptions as identified in DOE approved implementation plan for DOE O 420.1B

B+ Target: Completion of all actions in the implementation plan on schedule

7.1.3 Effective utilization of funds for maintenance and deferred maintenance programs

B+ Target: MII exceeds 3.0; Meet the Lab Planned Deferred Maintenance reduction funding as specified in the 10-Year Site Plan (TYSP); Provide accurate, timely and complete quarterly data on maintenance expenditures.

7.1.4 Provide efficient and effective maintenance program tools to evaluate maintenance needs and minimize impacts of aging infrastructure

B+ Target: Provide evidence of mission readiness program being institutionalized. Electronic tools are in place to track maintenance work item by facility

7.1.5 In support of the goals of the Department of Energy's Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall cooperate with federal Site Office personnel to provide full and open access to the maximum extent practicable to NNSA/DOE-contracted Energy Service Companies (ESCOs) under Energy Savings Performance Contracts (ESPC), to facilitate on-site assessments of opportunities to improve the Site's energy efficiency, water reduction and renewable energy improvements, and shall provide advisory assistance in reviewing ESCO recommendations as directed by the Contracting Officer. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, when directed by the Contracting Officer, assist the Site Office in the monitoring and execution of ESPC projects.

Measure/B+ Target: An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423 by September 30, 2008.

- 7.1.6 Assessment of the actions completed by ORNL which indicate a current and/or future improvement in energy efficiency

B+ Target: The energy efficiency program completed 90% of its planned projects during this fiscal year. These projects supported achievement of the goal for energy reduction against the FY 2003 baseline.

- 7.1.7 Effective utilization of appropriate funds for the management of unneeded materials and chemicals (UMC)

B+ Target: Agreed upon list of activities (based on funding) are accomplished on time. Any work interruptions/violations are minor and do not significantly impact work cost or schedule. Approved UMC annual report submitted by October 15, 2007.

- 7.1.8 Effective utilization of appropriate funds for excess facility disposition

B+ Target: Agreed upon list of facilities (based on HQ and OH funding) are accomplished on time. Any work interruptions/violations are minor and do not significantly impact work cost or schedule.

Objective 7.2 Provide planning for and acquire the facilities and infrastructure required to support future laboratory programs (65%)

- 7.2.1 Evidence that the laboratory has a clear vision for future infrastructure needs and has used innovative planning to accomplish that vision

B+ Target: Is met when:

- TYSP is updated to communicate (and plan for) the changing facility and infrastructure requirements derived from the annual business planning process, and
- Completed facility and infrastructure projects contribute to achieving the vision and strategy set forth in the TYSP
- A strategy is developed by September 30, 2008, for increasing investment in infrastructure which minimizes increases to the cost of doing business.

- 7.2.2 Improve process by which capital planning base is approved

B+ Target is met when: A process improvement project using Lean, Six Sigma or some other appropriate methodology is completed

- 7.2.3 Aggressively prepare and implement a tailoring plan that is based on a commercial approach for designing and constructing the Multi-Program Laboratory Facility (MLF) line item project that will provide critical contemporary labs for materials and chemistry research laboratories

B+ Target: Achieve CD-1.

(FY 2008 Start) Award contract for design and achieve critical decisions and other key milestones for FY 2008 as defined in approved project documents.

- 7.2.4 Develop ORNL West Campus to support Life Sciences and Bioenergy capabilities

B+ Target:

- 1) Complete renovations defined in the preliminary proposal for West Campus 1500 Area Renovations. The goals are to complete renovations in Building 1504 by December 31, 2007, and Building 1505 by April 30, 2008.
- 2) Complete final design by December 31, 2007, and initiate construction by April 30, 2008, on the West Campus Improvements project during FY 2008.

- 7.2.5 Develop ORNL utility systems to support ongoing and future mission initiatives such as supercomputing

B+ Target: Complete 2 electrical infrastructure projects, the 4000 Substation Reconfiguration and the 5000 Area Electrical Upgrades, which support computing initiatives by September 30, 2008 and obtain approval of a preliminary proposal and start design on a project to upgrade chilled water systems in the 6000 Area of the east campus by July 31, 2008.

- 7.2.6 Demonstrate effective project management execution and leadership in all projects on the approved planning base

B+ Target: Demonstrate in the monthly review:

- The effective utilization of leading indicators for project performance (such as Cost Performance Index, Schedule Performance Index, and Risk Performance Index); and
- Safe, high-quality project execution on schedule and within cost.

7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this Goal is 20%.

The Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs Goal shall measure the overall effectiveness and performance of the Contractor in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's complex challenges.

Each Objective within this Goal is to be assigned the appropriate numerical score by the evaluating office as described within Section I of this document. Each Objective has one or more performance measures/targets, the outcomes of which collectively assist the evaluating office in determining the Contractor's overall performance in meeting that Objective. Each management system should demonstrate effective and efficient implementation and execution across the laboratory to demonstrate the measurement of assurance. This also includes the analysis and use of performance data to identify improvement opportunities. Each of the performance measures/targets identifies significant tasks, activities, requirements, accomplishments, and/or milestones for which the outcomes/results of are important to the success of the corresponding Objective. Other performance information available to the evaluating office from other sources may be used as well. The overall Goal score is computed by multiplying numerical scores earned by the weight of each Objective, and summing them (see Table 7.1 at the end of this section). The overall score earned is then compared to Table 7.2 to determine the overall Goal letter grade.

Objectives:

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution;
- The day-to-day management and utilization of space in the active portfolio;
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets; and
- The management of energy use and conservation practices.

The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 50%.

- 7.1.1 Maintenance and Renewal – Maintenance and renewal of Office of Science facilities which maximizes the operational life of systems, structures, and components, as defined by Facilities Asset Condition Index (ACI) with ACI of .98, minimum MII of 2%, and Integrated Facility and Infrastructure (IFI) Crosscut Budget execution consistent with quarterly expenditure rates provided to the Office of Science per DOE O 430.1B.
- 7.1.2 An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

Target: September 30, 2008.)

- 7.1.3 Asset Utilization – Demonstrated effectiveness and efficiency in utilizing Office of Science space holdings as defined by Facilities Asset Utilization Index (AUI), DOE O 430.1B, and demonstrate effectiveness and efficiency in utilizing total space holdings with an AUI of 0.98
- 7.1.4 Facility Reliability – Enabling the Laboratory mission through high facility reliability as defined by the Laboratory Facility Reliability Index with a total financial impact >\$50K to <\$100K during the fiscal year.
- 7.1.5 Operational Performance – Effective management of facility operating boundaries, protecting staff, public and the environment, enabling mission execution, and preventing creation of unplanned future facility legacies or liabilities as measured through the effective implementation of the Laboratory Facility Use Agreements for existing and future facilities with 2 instances (annual cumulative) where operational boundary Lab policies are not followed.

7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- Integration and alignment of the Ten Year Site Plan to the Laboratory's comprehensive strategic plan;
- The facility planning, forecasting, and acquisition for effective translation of business needs into comprehensive and integrated facility site plans;
- The effectiveness in producing quality site and facility planning documents as required;
- The involvement of relevant stakeholders in all appropriate aspects of facility planning and preparation of required documentation;
- Overall responsiveness to customer mission needs; and
- Efficiency in meeting Cost and Schedule Performance Index for construction projects (when appropriate);
- Adherence to DOE O 413.3 Project Management for the Acquisition of Capital Assets;
- Quality of key staff overseeing projects;
- Effectiveness of planning of pre-conceptual R&D and design for life-cycle efficiency.
- Leverage of existing facilities at the laboratory;
- Delivery of accurate and timely information required to carry out the critical decision and budget formulation process.

The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 50%.

- 7.2.1 PNNL TYSP: Execution of the Ten Year Site Plan (TYSP) as reported quarterly and documented in a self assessment report at the end of the fiscal year. At least 80% of FY08 actions are implemented.
- 7.2.2 PNNL Small Capital and Facility Projects: The delivery of the following types of projects within expected range of performance: GPP, IGPP, and expense/programmatic funded construction projects with a total of estimated cost (TEC) >\$100K: At least 90% of these projects have Cost Performance Index (CPI) and Schedule Performance Index (SPI) within the range of 0.9 and 1.15 by the end of FY08.
- 7.2.3 PNNL CRL Project – PSF Project (Line-Item): The PSF Project is charged with delivering the Horn Rapids Triangle facility complex and the 325 Building life extension in accordance with the performance baseline approved at CD-2 on June 22, 2007. PNNL executes the PSF Project in accordance with the performance baseline in the approved PEP and achieves a CPI within the range of 0.9 and 1.15 by the end of FY08

7.2.4 PNNL Transition Project: The PNNL Transition Project is charged with relocating PNNL capabilities and turning over 300 Area facilities that will not be retained, ensuring the PNNL operating model can effectively and efficiently support startup and operation of the new and upgraded facilities, and taking the necessary actions to provide continuity of 300 Area operations during transition. PNNL executes the Transition Project in accordance with the performance baseline in the approved PEP and achieves a CPI within the range of 0.9 and 1.15 by the end of FY08

7.2.5 Measure: Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business .

Target: Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			50%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			50%		
Performance Goal 7.0 Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – 7.0 Goal Final Letter Grade

8.0 Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems

The Contractor sustains and enhances the effectiveness of integrated safeguards and security and emergency management through a strong and well deployed system.

The weight of this Goal is 20%.

The Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems Goal shall measure the Contractor's overall success in safeguarding and securing Laboratory assets that supports the mission(s) of the Laboratory in an efficient and effective manner and provides an effective emergency management program.

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ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
and Responsive Human Resources Management System					
6.4 Provide Efficient, Effective, and Responsive Management Systems for Internal Audit and Oversight; Quality; Information Management; and Other Administrative Support Services as Appropriate			30%		
6.5 Demonstrate Effective Transfer of Technology and Commercialization of Intellectual Assets			20%		
Performance Goal 6.0 Total					

Table 6.1 – 6.0 Goal Performance Rating Development

Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Total Score	4.3 - 4.1	4.0 - 3.8	3.7 - 3.5	3.4 - 3.1	3.0 - 2.8	2.7 - 2.5	2.4 - 2.1	2.0 - 1.8	1.7 - 1.1	1.0 - 0.8	0.7 - 0.0

Table 6.2 - Goal 6.0 Final Letter Grade Scale

7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this Goal is 20%.

The Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs Goal shall measure the overall effectiveness and performance of the Contractor in planning for, delivering, and

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operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's complex challenges.

Each Objective within this Goal is to be assigned the appropriate numerical score by the evaluating office as described within Section I of this document. Each Objective has one or more measures, the outcomes of which collectively assist the evaluating office in determining the Contractor's overall performance in meeting that Objective. Each of the measures identifies significant tasks, activities, requirements, accomplishments, and/or milestones for which the outcomes/results of are important to the success of the corresponding Objective. Although other performance information available to the evaluating office from other sources may be used, the outcomes of measures identified for each Objective shall be the primary means of determining the Contractor's success in meeting an Objective. The overall Goal score is computed by multiplying numerical scores earned by the weight of each Objective, and summing them (see Table 7.1 at the end of this section). The overall score earned is then compared to Table 7.2 to determine the overall Goal letter grade.

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution;
- The day-to-day management and utilization of space in the active portfolio;
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets; and
- The management of energy use and conservation practices.

The overall performance (outcomes/results) of the following set of measures (tasks, activities, requirements, accomplishments, and/or milestones) shall be utilized by evaluators as the primary measure of the Contractor's success in meeting this Objective and for determining the numerical score awarded. The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 80%.

7.1.1 The Maintenance Investment Index (MII) for the fiscal year associated with the performance period.

Patrick
AMES

The MII, expressed as a percentage, is defined as the Actual operating expense funded Maintenance and Repair (M&R) Expenditures (at the end of the fiscal year associated with the performance period) divided by the Replacement Plant Value (RPV).

$$MII = \frac{\text{Actual Maintenance Expenditures}}{RPV(\$)}$$

7.1.1.1 MII Target for FY 2007

Target
B+ = 1.8

7.1.2 The Facility Condition Index (FCI).

The FCI, expressed as a percentage, is defined as the Total Needed OE funded Maintenance and Repair (M&R) Deficiencies (at the end of the fiscal year associated with the performance period) divided by the Replacement Plant Value (RPV).

$$FCI = \frac{\text{Total Needed M \& R Deficiencies (\$)}}{RPV (\$)}$$

7.1.2.1 FCI Target for FY 2007

Target
B+ = 1.9 – 2.5

7.1.3 Effective execution of the goals within the Energy Performance Management Agreement.

7.1.3.1 Target

To meet the target (B+), the Laboratory will complete 80% of the Energy requirements scheduled to be accomplished during the Fiscal Year in accordance with the Comprehensive Energy Management Plan (CEMP).

7.1.3.2 Target

To meet the target (B+), energy use per gross square foot is 2% less than the previous year.

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7.1.3.3 Target

To meet the target (B+), The Laboratory demonstrates commitment to purchases of energy efficient products, including products with low standby power devices. [Note: A list of device types and specific products within the type having recommended low standby levels can be found at <http://oahu.lbl.gov/> .]

<u>Target</u>	<u>Energy Efficient products</u>
B+	7 – 9

7.1.4 Establish a Site Metering Plan that identifies meters to be installed in accordance with the guidelines of the DOE Metering Plan.

7.1.4.1 Target

To meet the target (B+), the Site Metering Plan is submitted by Aug 31, 2008.

7.1.5 Three percent (3%) of electricity purchased by the laboratory must be from renewable energy sources. (This can include Renewable Energy Certificates).

7.1.5.1 Target

To meet the target (B+), 3% of electricity must be purchased from a renewable source.

7.1.6 In support of the goals of the Department of Energy’s Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall cooperate with federal Site Office personnel to provide full and open access to the maximum extent practicable to NNSA/DOE-contracted Energy Service Companies (ESCOs) under Energy Savings Performance Contracts (ESPC), to facilitate on-site assessments of opportunities to improve the Site’s energy efficiency, water reduction and renewable energy improvements, and shall provide advisory assistance in reviewing ESCO recommendations as directed by the Contracting Officer. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, when directed by the Contracting Officer, assist the Site Office in the monitoring and execution of ESPC projects.

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Measure

An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

7.1.6.1 Target

To meet the target (B+), The plan is developed, submitted and acceptable to DOE by September 30, 2008.

7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs

In measuring the performance of this Objective, the DOE evaluator(s) shall consider the following:

- Integration and alignment of the Ten Year Site Plan to the Laboratory's comprehensive strategic plan;
- The facility planning, forecasting, and acquisition for effective translation of business needs into comprehensive and integrated facility site plans;
- The effectiveness in producing quality site and facility planning documents as required;
- The involvement of relevant stakeholders in all appropriate aspects of facility planning and preparation of required documentation;
- Overall responsiveness to customer mission needs; and
- Efficiency in meeting Cost and Schedule Performance Indices for construction projects (when appropriate).

The overall performance (outcomes/results) of the following set of measures (tasks, activities, requirements, accomplishments, and/or milestones) shall be utilized by evaluators as the primary measure of the Contractor's success in meeting this Objective and for determining the numerical score awarded. The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 20%.

7.2.1 Establish and maintain a program that provides for planning and acquiring the facilities and infrastructure required to support future laboratory programs.

To Meet the B+ Target:

- 7.2.1.1 Implement Facility planning, forecasting, and acquisition activities accurately, translate needs and facility condition information into useful strategic plans;
 - 7.2.1.2 The Ten Year Site Plan and the Integrated Facilities Infrastructure (IFI) Budget are submitted according to the required schedule and demonstrate effective and realistic facility planning; and,
 - 7.2.1.3 The management information systems development projects are executed in accordance with acceptable project management practices.
- 7.2.2 Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.
- 7.2.2.1 Target
To meet the target (B+), develop strategy by September 30, 2008.

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ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			80%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			20%		
Performance Goal 7.0 Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F
Total Score	4.3 - 4.1	4.0 - 3.8	3.7 - 3.5	3.4 - 3.1	3.0 - 2.8	2.7 - 2.5	2.4 - 2.1	2.0 - 1.8	1.7 - 1.1	1.0 - 0.8	0.7 - 0.0

Table 7.2 - Goal 7.0 Final Letter Grade Scale



7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs.

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this Goal is 15%.

The Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs Goal shall measure the overall effectiveness and performance of the Contractor in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's complex challenges.

Each Objective within this Goal is to be assigned the appropriate numerical score by the evaluating office as described within Section I of this document. Each Objective has one or more measures, the outcomes of which collectively assist the evaluating office in determining the Contractor's overall performance in meeting that Objective. Each of the measures identifies significant tasks, activities, requirements, accomplishments, and/or milestones for which the outcomes/results of are important to the success of the corresponding Objective. Although other performance information available to the evaluating office from other sources may be used, the outcomes of measures identified for each Objective shall be the primary means of determining the Contractor's success in meeting an Objective. The overall Goal score is computed by multiplying numerical scores earned by the weight of each Objective, and summing them (see Table 7.1 at the end of this section). The overall score earned is then compared to Table 7.2 to determine the overall Goal letter grade.

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution;
- The day-to-day management and utilization of space in the active portfolio;
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets; and
- The management of energy use and conservation practices.

The overall performance (outcomes/results) of the following set of measures (tasks, activities, requirements, accomplishments, and/or milestones) shall be utilized by evaluators as the primary measure of the Contractor's success in meeting this Objective and for determining the numerical score awarded. The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones



not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 60%. Each level IV target within this Objective was developed at the meets expectations (B+) level.

LEVEL III – 7.1.1 Performance Measure:

Measure 7.1.1: Effectiveness and efficiency of maintenance activities to maximize the operational life of facility systems, structures, and components: **(Scheduled hours vs. total hours, measured as a percentage).**

LEVEL IV – 7.1.1.1 Performance Target:

Target 7.1.1.1: > 80%

LEVEL III – 7.1.2 Performance Measure:

Measure 7.1.2: Level of maintenance investment in real property assets. The MII is calculated by dividing the total annual contractor funded maintenance for active conventional facilities by the Replacement Plant Value (RPV) from FIMS for these same facilities. Multiplying this decimal number by 100 expresses the index as a percentage.

$$\text{MII} = (\text{Annual Contractor Maintenance} / \text{RPV}) \times 100.$$

LEVEL IV – 7.1.2.1 Performance Target:

Target 7.1.2.1: 2.0%, amount invested in maintenance expressed as a percentage of RPV.

LEVEL III – 7.1.3 Performance Measure:

Measure 7.1.3: For the performance period, the percentage of milestones completed (number of milestones completed/number of milestones planned), as documented in Construction Directives for General Plant Projects, In-House Energy Management and Accelerator Improvement Projects (AIP).

LEVEL IV – 7.1.3.1 Performance Target:

Target 7.1.3.1: > 90%

LEVEL III – 7.1.4 Performance Measure:

In support of the goals of the Department of Energy's Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall cooperate with federal Site Office personnel to provide full and open access to the maximum extent practicable to NNSA/DOE-contracted Energy Service Companies



(ESCOs) under Energy Savings Performance Contracts (ESPC), to facilitate on-site assessments of opportunities to improve the Site's energy efficiency, water reduction and renewable energy improvements, and shall provide advisory assistance in reviewing ESCO recommendations as directed by the Contracting Officer. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, when directed by the Contracting Officer, assist the Site Office in the monitoring and execution of ESPC projects.

Measure 7.1.4: An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

LEVEL IV – 7.1.4.1 Performance Target:

Target 7.1.4.1: An acceptable update to the Laboratory's Ten Year Site Plan which adequately addresses its contribution to meeting the Agency wide goals of the TEAM initiative and the goals of Executive Order 13423 is completed no later than September 30, 2008.

7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- Integration and alignment of the Ten Year Site Plan to the Laboratory's comprehensive strategic plan;
- The facility planning, forecasting, and acquisition for effective translation of business needs into comprehensive and integrated facility site plans;
- The effectiveness in producing quality site and facility planning documents as required;
- The involvement of relevant stakeholders in all appropriate aspects of facility planning and preparation of required documentation;
- Overall responsiveness to customer mission needs; and
- Efficiency in meeting Cost and Schedule Performance Index for construction projects (when appropriate).

The overall performance (outcomes/results) of the following set of measures (tasks, activities, requirements, accomplishments, and/or milestones) shall be utilized by evaluators as the primary measure of the Contractor's success in meeting this Objective and for determining the numerical score awarded. The evaluation of this Objective may also consider other tasks, activities, requirements, accomplishments, and/or milestones not otherwise identified below but that provide evidence to the effectiveness/performance of the Contractor in meeting this Objective. The weight of this Objective is 40%. Each level IV target within this Objective was developed at the meets expectations (B+) level.



LEVEL III – 7.2.1 Performance Measure:

Measure 7.2.1: Percent of new GPP projects that were identified in the Ten Year Site Plan at least one year before the authorization was approved. This shall exclude programmatic projects that have arisen out of rapidly changing program requirements as described by the laboratory and agreed to for exclusion by the Fermi Site Office.

LEVEL IV – 7.2.1.1 Performance Target:

Target 7.2.1.1: $\geq 80\%$

LEVEL III – 7.2.2 Performance Measure:

Measure 7.2.2: Amount of Scheduled Tevatron run time lost due to a failure of the electrical distribution system that is under the control of the Laboratory Infrastructure Management Group. Failure of the electrical distribution system will immediately shut down the Tevatron. Therefore, maintaining this system is critical.

LEVEL IV – 7.2.2.1 Performance Target:

Target 7.2.2.1: $\leq 5\%$

LEVEL III – 7.2.3 Performance Measure:

Measure 7.2.3: Amount of scheduled Tevatron run time lost due to a failure of the industrial water cooling system that is under the control of the Laboratory Infrastructure Management Group. Failure of the industrial water cooling system will shut down the Tevatron within a very short period of time. The Tevatron can not run without cooling. Therefore, maintaining this system is critical.

LEVEL IV – 7.2.3.1 Performance Target:

Target 7.2.3.1: $\leq 5\%$

LEVEL III – 7.2.4 Performance Measure:

Measure 7.2.4: The Laboratory's Internet bandwidth is maintained or improved to accommodate strategic research collaborations requiring extensive computation resources and transfer of large data sets.

LEVEL IV – 7.2.4.1 Performance Target:

Target 7.2.4.1: Internet Bandwidth is either maintained or improved.



LEVEL III – 7.2.5 Performance Measure:

Measure 7.2.5: Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

LEVEL IV – 7.2.5.1 Performance Target:

Target 7.2.5.1: Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			60%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			40%		
Performance Goal 7.0 Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – 7.0 Goal Final Letter Grade

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0.0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 6.2 – 6.0 Goal Final Letter Grade

7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future Science & Technology programs.

The weight of this goal is 20%

The Goal to Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs measures the overall effectiveness and performance in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's challenges.

The overall Goal score is computed by multiplying numerical scores earned by weight of each Objective, and summing them (Table 7.1). The overall score earned is then compared to Table 7.2 to determine the overall Goal letter grade.

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs.

In measuring the performance of this Objective the DOE evaluator shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution;
- The day-to-day management and utilization of space in the active portfolio;
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets; and
- The management of energy use and conservation practices.

The weight of this Objective is 65%

7.1.1 Maintenance of active conventional facilities against DOE corporate Maintenance investment goals.

- Maintenance Investment Index (MII) defined as total contractor funded maintenance for active conventional facilities divided by replacement value of these facilities, should be at least 2.0%.

Maintenance is the day-to-day work that is required to maintain and preserve plant and capital equipment in a condition suitable for it to be used for its designated purpose. Maintenance costs and work do not include the following:

- Regularly scheduled janitorial work such as cleaning;
- Work performed in relocating or installing partitions, office furniture, and other associated activities;
- Work usually associated with the removal, moving, and placement of equipment;
- Work aimed at expanding the capacity of an asset or otherwise upgrading it to serve needs different from or significantly greater than those originally intended;
- Improvement work performed directly by in-house workers or in support of construction contractors accomplishing an improvement;
- Work performed on special projects not directly in support of maintenance or construction; and
- Non-maintenance roads and grounds work, such as grass cutting and street sweeping.

7.1.2: In support of the goals of the Department of Energy's Transformational Energy Action Management (TEAM) initiative, and the goals and objectives contained in Executive Order 13423, Strengthening Federal Environmental, Energy, and Transportation Management, the Contractor shall cooperate with federal Site Office personnel to provide full and open access to the maximum extent practicable to NNSA/DOE-contracted Energy Service Companies (ESCOs) under Energy Savings Performance Contracts (ESPC), to facilitate on-site assessments of opportunities to improve the Sites's energy efficiency, water reduction and renewable energy improvements, and shall provide advisory assistance in reviewing ESCO recommendations as directed by the Contracting Officer. The Contractor shall ensure ESCO personnel are granted access pursuant to contractual requirements; monitor ESCO activities to ensure that site safety and security requirements are adhered to; promptly provide information requested by ESCO personnel to assist them in developing viable recommendations; and, when directed by the Contracting Officer, assist the Site Office in the monitoring and execution of ESPC projects.

- An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the

Agency wide goals of the Secretarial Transformational Energy Action Management (TEAAM) initiative and the goals set for the in Executive Order 1423 by 9/30/2008.

7.1.3: Infrastructure system reliability as measured by a Reliability Index.

Total system reliability for electrical and building support systems

- Infrastructure Reliability Index (RI) should be greater than .985

$$(RI) = \frac{\text{Total Bldg Availability (ft}^2\text{-days)} - \text{Bldg Failures (ft}^2\text{-days)}}{\text{Total Building Availability (ft}^2\text{-days)}}$$

Details:

1. When an unplanned building system outage or failure occurs, which significantly disrupts occupants of a building or renders the space unusable, the Maintenance & Operations Branch Head will log outage. Data will be tracked monthly.
2. At the end of each reporting period (month), all building failures will be totaled to arrive at a figure for building and facility reliability for the fiscal year.
3. Standard square footage for each building will be from Plant Engineering's planning group space database.
4. Building and facility failure days will be based on the actual days the facilities are without critical services (or are unusable) times the normal population for those buildings.

7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to Support Future Laboratory Programs.

The DOE evaluator(s) shall consider the following:

- Alignment of the Ten Year Site Plan to the Laboratory's Business plan;
- The facility planning, forecasting, and acquisition for effective translation of business needs into comprehensive and integrated facility site plans (Ten Year Site Plan);
- The effectiveness in producing quality site and facility planning documents as required;
- The involvement of relevant stakeholders in all appropriate aspects of facility planning and preparation of required documentation;
- Overall responsiveness to customer mission needs; and

- Efficiency in meeting Cost and Schedule Performance Index for construction projects (when appropriate).

The weight of this Objective is 35%

7.2.1 The Infrastructure Recapitalization Program shall expedite work in a timely fashion to meet the needs of the laboratory mission. Prior year carryover shall be 100% costed in the following fiscal year. The Infrastructure Recapitalization Program consists of small capital projects valued less than \$5.0M and may include any of the following sponsors:

- General Plant Project (GPP) via SC, EM, SO or other Energy Efficiency Projects (EE)
- Strategic Laboratory Infrastructure Projects (SLI)
- Other small capitalized projects

Projects shall be managed efficiently, completed on time, within budget, and meet baseline scope requirements. Uncosted carryovers are minimized.

$$\text{Program Performance} = \frac{\text{Actual Expenditure (current year)}}{\text{Carryover (prior year) + Budget Authority (current year)}}$$

- Program performance should be greater than .80.

7.2.2 Recapitalization of active conventional facilities. Recapitalization Investment Index (RII) defined as total contractor budgeted GPP and Line Items for active conventional facilities divided by replacement value of these facilities.

- RII should be greater than .60.

7.2.3 Manage real property assets through performance bases approaches to Real property life-cycle asset management (10 Year Site Plan).

- The Ten Year Site Plan (TYSP) serves a number of purposes including: providing plans for management of maintenance and deferred maintenance; facility condition assessments; identification of modernization needs; changes in land use plans; tracking of facility management performance measures; and identification of facility and infrastructure issues that affect mission accomplishment. The Plan will be submitted to DOE on an annual basis by July 18, 2008. (this target is based upon the DOE schedule used FY07. If the DOE schedule for FY08 changes, the targets should be adjusted accordingly.)

7.2.4 Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

- Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Weight	Weighted Score	Overall Score
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			65%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to Support Future Laboratory Programs			35%		
Performance Goal Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0.0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – 7.0 Goal Final Letter Grade

8.0 Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems

The Contractor sustains and enhances the effectiveness of integrated safeguards and security and emergency management through a strong and well deployed system.

The weight of this goal is 20%

The Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems Goal shall measure the Contractor's overall success in safeguarding and securing Laboratory assets that supports the mission(s) of the Laboratory in an efficient and effective manner and provides an effective emergency management program.

Each Objective within this Goal is to be assigned the appropriate numerical score by the evaluating office as described within Section I of this document. Each Objective has one or more performance measures, the outcomes of which collectively assist the evaluating office in determining the Contractor's overall performance in meeting that Objective. Each of the performance measures identifies significant tasks, activities,

7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this Goal is 15 %.

The sustained excellence in operating, maintaining, and Renewing the Facility and Infrastructure Portfolio to meet Laboratory needs shall measure the overall effectiveness and performance of the Contractor in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's complex challenges.

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

In measuring the performance of this Objective the DOE evaluator(s) shall consider the following:

- The management of real property assets to maintain effective operational safety, worker health, environmental protection and compliance, property preservation, and cost effectiveness while meeting program missions, through effective facility utilization, maintenance and budget execution; and
- The maintenance and renewal of building systems, structures and components associated with the Laboratory's facility and land assets.
- The management of energy use and conservation practices.
- The contractor makes progress toward completing the environment restoration project through strong project management and an effective closure strategy.

The weight of this Objective is 50 %.

7.1.1 Achieve the Office of Science Maintenance Investment Index (MII) goal of 2.0% for non-waiver assets.

Target 7.1.1.1 B+ = SLAC achieves the Office of Science MII goal of 2.0%.

7.1.2 Effective reduction of Deferred Maintenance (DM). The DMR is expressed as the dollar amount by which the Deferred Maintenance Backlog list is reduced during the course of the fiscal year for the site.

Target 7.1.2.1 B+ = SLAC meets DM reduction goal as stated in the approved FY08 Ten Year Site Plan:

7.1.3 Efficient completion of scheduled preventive maintenance activities for conventional facilities.

Target 7.1.3.1 B+ = SLAC completed 85% of Planned Preventative Maintenance within 30 days. (Planned Preventative Maintenance for this measure is defined as those activities that are not dependent on an interruption of operations for completion.)

Target 7.1.3.2 B+ = Meets 90% agreed-on milestones on the FY08 Computerized Maintenance Management System (CMMS) Plan.

7.1.4 Asset Condition Index (ACI). The ACI is (1) one minus the Facility Condition Index (FCI). FCI is the ratio of Deferred Maintenance (DM) to Replacement Plant Value (RPV). The FCI is derived from data in FIMS.

Target 7.1.4.1 B+ = Greater than or equal to 95% for all assets.

7.1.5 A plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

Target 7.1.5.1 B+ = SLAC will develop a plan approved by DOE that will address DOE's goal in meeting Secretarial Transformational Energy Action Management (TEAM) initiatives and the goals per Executive Order 13423 by August 29, 2008.

7.1.5 A plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

Target 7.1.5.1 B+ = SLAC will develop a plan approved by DOE that will address DOE's goal in meeting Secretarial Transformational Energy Action Management (TEAM) initiatives and the goals per Executive Order 13423 by August 29, 2008.

7.1.6 Timely completion and submission of all plans, reports, data and inputs as requested by DOE according to DOE schedule.

Target 7.1.6.1 B+ = SLAC completes all critical tasks and submits all reports, plans and inputs on time as required by DOE to meet required schedules.

7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs

In measuring the performance of this Objective the DOE evaluator (s) shall consider the following:

- Integration and alignment of the Ten Year Site Plan to the Laboratory's comprehensive strategic plan;
- The effectiveness in producing quality site and facility planning documents as required;
- The involvement of relevant stakeholders in all appropriate aspects of facility planning and preparation of required documentation;
- Overall responsiveness to customer mission needs; and
- Efficiency in meeting cost and schedule performance indices for facility construction projects.

The weight of this Objective is 50 %.

7.2.1 Effective integrated planning for the SLAC Environmental Restoration project. Complete milestones and make progress as measured against the SLAC prepared, DOE accepted Project Baseline. The overall performance of the following set of milestones shall be utilized by the evaluator as the primary measure of the Contractor's success in meeting the performance expectation.

Target 7.2.1.1 B+ = Meet Target Milestones 7 and 8; Meet 5 of the remaining 6 milestones.

Milestones:

1. Completion of the FSUST Dual Phase Extraction (DPE) system construction upgrade.
2. Completion of the Group 1 Removal Action Completion Report.
3. Maintain the site-wide database of sample information including incorporation of ID/IQ contractor collected data consistent with the SLAC SOPs and in accordance to the SLAC Quality Assurance Project

Plan (QAPP) with all Quality Assurance/Quality Control (QA/QC) items resolved by the project manager(s).

4. Perform Operations and Maintenance activities on the installed treatment systems including those accepted from the ID/IQ contractor.
5. Complete the Groundwater Volatile Organic Compound (VOC) Operable Unit Feasibility Study and Remedial Action Plan (RAP).
6. Perform groundwater monitoring consistent with SLAC's self-monitoring plan per the RWQCB Order.
7. Maintain and report on SLAC prepared, DOE accepted M&O contractor project baseline per DOE O 413.3A CRD, as applicable including the development and utilization of an earned value management system and a project baseline.
8. Support transition of DOE EM work to the ID/IQ contractor and provide logistical support to the EM ID/IQ contractor, as applicable, for remedial investigations and removal actions.

7.2.2 Comprehensive and integrated planning for the acquisition, utilization, maintenance, infrastructure recapitalization and disposition of real property.

Target 7.2.2.1 B+ = SLAC prepares the TYSP and delivers a completed finalized copy for SSO review, comment and approval ten (10) business days before the deadline established by the DOE Guidance.

7.2.3 Effective execution of the Safety and Operational Reliability Improvement (SORI) project.

Target 7.2.3.1 B+ = SLAC executes the SORI project within 10% of target for cost at Work Breakdown Structure (WBS) level 2 and no level II milestone is more than 3 months overdue as defined in the SORI Project Execution Plan (PEP).

7.2.4 Effective execution of facility and infrastructure projects greater than \$250K.

Target 7.2.4.1 B+ = SLAC executes effective facility and infrastructure projects (General Plant Project and Operating projects) by completing projects within 10% of target for cost and 3 months of scheduled completion date. All projects >\$250K will be completed within 3 years of start date. The cost performance rating is established by calculating the cost variance at completion for each project. The cost variance for each project will be multiplied by a weighted factor based on their Total Project Cost (TPC) all projects > \$250K completed within the Fiscal Year (FY).

Additionally, SLAC will maintain a list of all GPP and Operating projects planned for each FY. The list will be based on the TYSP, the SLAC Convention and Experimental Facility (CEF) Five Year Plan and other inputs. The list may be changed by the SLAC Infrastructure Committee in consultation with the SSO Federal Project Director (FPD) during the year as conditions warrant. Before construction is approved by the infrastructure committee, each project will have an approved baseline cost estimate and a schedule. The baseline cost and schedule may be altered only by permission of the infrastructure committee and in consultation with the SSO FPD. If this occurs, the project is then tracked and scored against the new cost and schedule baseline.

7.2.5 Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

Target 7.2.5.1 B+ = Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			50%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			50%		
Performance Goal 7.0 Total					

Table 7.1 – 7.0 Goal Performance Rating Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 – 7.0 Goal Final Letter Grade

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ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
6.0 Deliver Efficient, Effective, and Responsive Business Systems and Resources that Enable the Successful Achievement of the Laboratory Mission(s)					
6.1 Provide an Efficient, Effective, and Responsive Financial Management System(s)			25%		
6.2 Provide an Efficient, Effective, and Responsive Acquisition and Property Management System(s)			25%		
6.3 Provide an Efficient, Effective, and Responsive Human Resources Management System			20%		
6.4 Provide Efficient, Effective, and Responsive Management Systems for Internal Audit and Oversight; Quality; Information Management; and Other Administrative Support Services as Appropriate			15%		
6.5 Demonstrate Effective Transfer of Technology and Commercialization of Intellectual Assets			15%		
Performance Goal 6.0 Total					

Table 6.3 - 6.0 Program Office Performance Goal Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 6.4 Final Letter Grade

7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs

The Contractor provides appropriate planning for, construction and management of Laboratory facilities and infrastructures required to efficiently and effectively carry out current and future S&T programs.

The weight of this Goal is 15%.

The Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs Goal shall measure the overall effectiveness and performance of the Contractor

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in planning for, delivering, and operations of Laboratory facilities and equipment needed to ensure required capabilities are present to meet today's and tomorrow's complex challenges.

Each Objective within this Goal is to be assigned the appropriate numerical score by DOE as described within Section I of this document. Each Objective has one or more measures, the outcomes of which collectively assist the evaluating office in determining the Contractor's overall performance in meeting that Objective. Each of the measures identifies significant tasks, activities, requirements, accomplishments, and/or milestones for which the outcomes/results of are important to the success of the corresponding Objective. Although other performance information available to the evaluating office from other sources may be used, the outcomes of key measures identified for each Objective shall be the primary means of determining the Contractor's success in meeting an Objective. The overall Goal score is computed by multiplying numerical scores earned by the weight of each Objective, and summing them (see Table 7.1 at the end of this section). The overall score earned is then compared to Table 7.2 to determine the overall Goal letter grade.

Objectives:

7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs

Measure 7.1.1: Asset Condition Index (ACI):

ACI = 1 minus the Facility Condition Index (FCI). FCI is the ratio of Deferred Maintenance to Replacement Plant Value. The FCI is derived from data in FIMS.

TARGET (B+): Greater or equal to 95%

Measure 7.1.2: Extent Contractor validates accuracy of data in the Facilities Information Management System (FIMS).

TARGET (B+): The contractor has demonstrated validation of the accuracy of data in the FIMS data base with at least 90% statistical certainty that the data contains no more than a 10% error rate.

Measure 7.1.3: The efficiency and effectiveness of contractor efforts for recapitalization and acquisition of required facilities and infrastructure to support laboratory programs and performance of maintenance to achieve a MII of at least 2%.

TARGET (B+): MII = 2% and the contractor has demonstrated that maintenance activities, recapitalization and acquisition of facilities and infrastructure to support laboratory programs have been performed efficiently.

Measure 7.1.4: An update to the Ten Year Site Plan is developed and approved by DOE that adequately addresses the site's contribution to meeting the Agency wide goals of the Secretarial Transformational Energy Action Management (TEAM) initiative and the goals set forth in Executive Order 13423.

TARGET (B+): The plan is acceptable to DOE no later than September 30, 2008.

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7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs

Measure 7.2.1: The Ten Year Site Plan (TYSP) is recognized by funding entities as providing a sound strategy for acquisition of required facilities and infrastructure to support future laboratory programs.

TARGET (B+): The contractor assures that the TYSP is appropriately developed, reviewed, updated, in line with the Laboratory Business Plan, and utilized as a Laboratory management document.

Measure 7.2.2: Cost and schedule performance on all GPP projects and maintenance projects greater than or equal to \$100K (for construction phase of projects only). Maintain level of construction control to limit change orders and cost overruns to only those which bring added value to the project or are appropriate to produce the desired end product. Performance level will be calculated by taking the contracted amounts compared to the final contract actual costs considering all applicable funding increases for all appropriate contracts. Increases considered not applicable are those whose root cause is:

- Post-design programmatic change by user (physical or schedule)
- New technology deemed a value-added inclusion (post-award)
- Value engineering proposals accepted (both additive and deductive)

Schedule performance will be based on average of the actual number of days to completion of identified projects (or designated milestones) to the number specified by the original contracts. This will be expressed as a coefficient of actual divided by contracted. Additional time attributed to the following categories will not be included for the purpose of this metric.

- Acts of God (as contractually accepted)
- Labor disputes/strikes
- Documented material unavailability (contractually accepted)
- User desired post-award change orders for which additional time is appropriate

For purposes of this report, "completion" shall be when the project is physically complete; turned over to user or beneficial occupancy taken.

TARGET (B+): Applicable changes and cost overruns are less or equal to 8% of the total awarded bid amount and average scheduled index actual number of days to project completion or beneficial occupancy to original contract duration in the awarded contract is > 1.0 to ≤ 1.1 .

Measure 7.2.3: GPP planning and execution are well coordinated to ensure effective utilization of resources.

TARGET (B+): The contractor coordinates project planning and provides information on project status in accordance with the TJSO expectations provided in the TJSO GPP Management Process.

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Measure 7.2.4: Demonstrate effective project management and leadership for the Technology and Engineering Development Facility (TEDF) project.

TARGET (B+): The contractor provides the necessary documentation to support critical decisions on schedule for the funding profile provided.

Measure 7.2.5: Develop a strategy for increasing investment in infrastructure which minimizes increases to the cost of doing business.

TARGET (B+): Develop strategy by September 30, 2008.

ELEMENT	Letter Grade	Numerical Score	Objective Weight	Total Points	Total Points
7.0 Sustain Excellence in Operating, Maintaining, and Renewing the Facility and Infrastructure Portfolio to Meet Laboratory Needs					
7.1 Manage Facilities and Infrastructure in an Efficient and Effective Manner that Optimizes Usage and Minimizes Life Cycle Costs			40%		
7.2 Provide Planning for and Acquire the Facilities and Infrastructure Required to support Future Laboratory Programs			60%		
Performance Goal 7.0 Total					

Table 7.1 - 7.0 Program Office Performance Goal Score Development

Total Score	4.3-4.1	4.0-3.8	3.7-3.5	3.4-3.1	3.0-2.8	2.7-2.5	2.4-2.1	2.0-1.8	1.7-1.1	1.0-0.8	0.7-0
Final Grade	A+	A	A-	B+	B	B-	C+	C	C-	D	F

Table 7.2 Final Letter Grade

8.0 Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems

The Contractor sustains and enhances the effectiveness of integrated safeguards and security and emergency management through a strong and well deployed system.

The Sustain and Enhance the Effectiveness of Integrated Safeguards and Security Management (ISSM) and Emergency Management Systems Goal shall measure the Contractor's overall success in safeguarding and securing Laboratory assets that supports the mission(s) of the Laboratory in an efficient and effective manner and provides an effective emergency management program.

The weight of this Goal is 15%.