Landlord Project Multi-Year Work Plan Fiscal Year 1998 WBS 1.5

DynCorp Tri-Cities Services, Inc.

September 1997

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management

Project Hanford Management Contractor for the
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- Fiscal Year 1998

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EXECUTIVE SUMMARY

The Fiscal Year 1998 Landlord Project Multi-Year Work Plan (MYWP) addresses the mission objectives, workscope, work breakdown structures (WBS), management approach, and resource requirements for general infrastructure support.

The primary assumptions within this MYWP are:

- No demolition workscope is funded in either FY 1998 or 1999 upon the direction of the Site Management Board and the Regulators
- Major system replacements are not anticipated nor funded at the current level
- All remaining ongoing line item projects will complete during FY 1998
- One new line item start in FY 2001 for the Solid Sanitary Landfill Cap is shown as multi-year funded due to the current funding projections
- Emphasis on completing actual work rather than paper planning activities
- Additional unanticipated funding will be invested in compliance related mortgage reduction activities
- No funding will be provided beyond FY 1998 for Lockheed Martin Services, Inc. (LMSI) equipment replacements per DOE-RL direction
- Shutdown of the 284E and 384 Powerhouses is currently planned on a 120 working day duration which is the least cost option to the Government.
- The priorities reflected in this MYWP were arrived at utilizing a modified version of the Capital Asset Management Process. This process employs prioritization based on risk to the public, workers, and the environment, as well as overall cost reduction to the site.
- Scope for the shutdown and isolation of the 284W package boiler is not included in this MYWP.

The project is based on the following priorities: 1) Core Infrastructure Maintenance; 2) Infrastructure Mortgage Reduction; and 3) remaining line item projects requiring their own ADS. Of these, Core Infrastructure Maintenance provides the funding to respond to the mission essential elements of the infrastructure systems. Infrastructure Mortgage Reduction responds to the need to reduce outyear mortgages in general purpose facilities by vacating, and isolating the utilities in an effort to reduce the outyear costs of surveillance and maintenance. It also encompasses the legacy equipment disposition for compliance with RCRA and other regulations.

Strategies:

- Identify and understand infrastructure requirements including core capabilities to be retained.
 - Determine the best alternative (competitive with the best commercial services) for continuing to provide the required infrastructure.
 - Implement the best alternative considering capability, capacity, safety, and reliability.
 - Continue to optimize the infrastructure wherever possible to reduce the overall cost to the Hanford Site allowing additional funds to be expended on cleanup activities.
-

Landlord Program Strategy

Fundamental Building Blocks

- ◆ **Mortgage Reduction**
 - Demolition
 - Legacy Equipment Disposition
 - Surveillance & Maintenance of Vacant Facilities
 - Utilities Isolation for Vacant Facilities

- ◆ **Core Infrastructure Maintenance**
 - Roads
 - Water and Sewer System Replacements/Refurbishment
 - Emergency Preparedness
 - Electrical System Replacements/Refurbishment
 - Telecommunications System Replacements/Refurbishment
 - Facility, Lab, and Shop Replacements/Repairs
 - Business Equipment Replacements (HLAN service, voice Messaging, etc.)

The Landlord Program 10 Year Plan Supports:

- **Maintaining Minimum Safe Level of Infrastructure Support**
- **Significant Savings to the Department of Energy by Reducing the Site Mortgage**
 - Surveillance & Maintenance Cost Avoidance = \$1 per square foot of savings per year
 - Utilities Costs Avoidance = min. of \$5K to \$8K per building savings per year (some buildings significantly more)
- ▶ **Mitigating Stakeholder Concerns (Ecology for Sanitary Sewers and RCRA Violations)**
- ▶ **Large Return on Investment**

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1.0 TECHNICAL BASELINE

A.1.0 Technical Baseline

The MYWP technical baseline describes the work to be accomplished by the Project and the technical standards which govern that work.

A.1.1 Mission Statement

The mission of Landlord Project is to preserve, upgrade, maintain, and forecast cost effective general infrastructure activities to facilitate the Hanford Site cleanup mission. Specific functions and services provided by Landlord Project include utilities (i.e. steam, water, sanitary sewer, solid waste disposal, electrical and telecommunication distribution), transportation, general purpose facilities (includes general support shops and laboratories), services, and energy and land use management. All Landlord Project activities will be performed in an environmentally sound, safe, economical, prudent, and reliable manner. The Hanford Site Landlord Project will be competitive with commercially provided services to offer the best price, quality, and service available.

The major project objectives are:

The overall Landlord Project objective is to maintain a standard of excellence and safety while providing efficient, affordable, and effective infrastructure and support services.

The Project will strive to maintain, preserve, or upgrade strategic assets while consolidating facilities and functions to lower operating and maintenance costs. Realistic goals and strong baseline control are critical to meeting the Project objectives. Paramount to these objectives is compliance with all applicable laws, orders, agreements, codes, standards, and best management and safety practices.

The objectives for general infrastructure support are reflected in two specific areas, 1) Core Infrastructure Maintenance, and 2) Infrastructure Mortgage Reduction.

The following objectives are applicable to the Landlord Project:

Continue to focus on defining and addressing core infrastructure needs. Utilize mortgage reduction (i.e. elimination, excessing, salvage, and demolition) to transition facilities and equipment to their most cost effective status; thereby optimizing the site infrastructure. Provide upgrades to the Site only where cost effective.

Provide an infrastructure that serves the Hanford Mission, leaves diversification value and viable assets, concentrate service locations, excess, disposition, or demolish inadequate and under utilized facilities, promote energy efficiency, and maintain facilities and equipment as economically and safely as possible within environmental regulations.

Integrate Occupational Safety and Health Act (OSHA) requirements into the continuous facility inspection project. Ensure compliance with applicable federal and state regulations, and the Tri-Party Agreement.

Identify future infrastructure needs, integrate Landlord Project planning with other project plans, effectively use limited resources, improve project definition and cost estimating, and direct fund all appropriate costs.

Develop a reliable and meaningful process for performing inspections, reporting and life cycle costing of projects for Landlord functions ensuring effective asset management of site resources.

Encourage outreach and partnership with local/private sector and Tribal Governments.

Provide site wide coordination and management of land use issues to ensure effective support to site cleanup decisions and economic transition initiatives.

A.1.2 Boundary Diagram with Major Facilities

The following table identifies the major facilities that interface with this Project. The left column of the table identifies the major facilities that generate waste, materials, or infrastructure for this Project. The right column of the table identifies the major facilities that will receive waste and materials from this Project. The blank center column represents this Project.

Table A.1-1 Landlord Project Boundary Diagram

External Interfaces Hanford Legacy Hanford Site Environmental System Interfaces -None-		External Interfaces Offsite Landfill Offsite Sales Hanford Site Environmental System Interfaces -None-
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A.1.3 Facility Responsibility Assignment Matrix

This section provides a table that identifies the sub-projects, major facilities, and the life cycle assignments.

Table A.1-2 Facility Responsibility Assignment Matrix

Asset	Program Planning	Pre Conceptual	Conceptual	Life Cycle			Close Out		
				Design	Execute Construction	Turnover	O&M	Post Ops	D&D
Reactors on the River Electrical System	RL-TP13						RL-1114	RL-TP13	RL-TP13
Reactors on the River Water System	RL-TP13						RL-1112	RL-TP13	RL-TP13
Reactors on the River Liquid Sanitary Waste System	RL-TP13						RL-1113	RL-TP13	RL-TP13
Reactors on the River Telecommunication System	RL-TP13						RL-16	RL-TP13	RL-TP13
Reactors on the River Office Facilities	RL-TP13						RL-113	RL-TP13	RL-TP13
Reactors on the River Area Storage Facilities	RL-TP13						RL-17	RL-TP13	RL-TP13
Reactors on the River Area Land	RL-TP13						RL-1123	RL-TP13	RL-TP13
Reactors on the River Road System	RL-TP13						RL-1121	RL-TP13	RL-TP13
Reactors on the River Rail System	RL-TP13						RL-1122	RL-TP13	RL-TP13
200 Area Treated Effluent Disposal Facility	RL-WM05						RL-WM05	RL-TP13	(Ibd)
Central Plateau Steam System	RL-TP13						RL-1111	RL-TP13	RL-TP13
Central Plateau Water System	RL-TP13						RL-1112	RL-TP13	RL-TP13
Central Plateau Office Facilities	RL-TP13						RL-113	RL-TP13	RL-TP13
Central Plateau Electrical System	RL-TP13						RL-1114	RL-TP13	RL-TP13
Central Plateau Liquid Sanitary Waste System	RL-TP13						RL-1113	RL-TP13	RL-TP13
Central Plateau Telecommunication System	RL-TP13						RL-16	RL-TP13	RL-TP13
Central Plateau Shop Facilities	RL-TP13						RL-14	RL-TP13	RL-TP13
Central Plateau Storage Support Facilities	RL-TP13						RL-17	RL-TP13	RL-TP13
Central Plateau Land	RL-TP13						RL-1123	RL-TP13	RL-TP13
Central Plateau Road System	RL-TP13						RL-1121	RL-TP13	RL-TP13
Central Plateau Rail System	RL-TP13						RL-1122	RL-TP13	RL-TP13
Central Core Electrical System	RL-TP13						RL-1114	RL-TP13	RL-TP13
Central Core Water System	RL-TP13						RL-1112	RL-TP13	RL-TP13
Central Core Office Facilities	RL-TP13						RL-113	RL-TP13	RL-TP13
Central Core Solid Sanitary Waste System	RL-TP13						RL-1123	RL-TP13	RL-TP13
Central Core Liquid Sanitary Waste System	RL-TP13						RL-1113	RL-TP13	RL-TP13
Central Core Telecommunication System	RL-TP13						RL-16	RL-TP13	RL-TP13
Central Core Storage Facilities	RL-TP13						RL-17	RL-TP13	RL-TP13
Central Core Land	RL-TP13						RL-1123	RL-TP13	RL-TP13
Central Core Road System	RL-TP13						RL-1121	RL-TP13	RL-TP13
Central Core Rail System	RL-TP13						RL-1122	RL-TP13	RL-TP13
South 600 Area Electrical System	RL-TP13						RL-1114	RL-TP13	RL-TP13
South 600 Area Steam System	RL-TP13						RL-1111	RL-TP13	RL-TP13
South 600 Area Water System	RL-TP13						RL-TP14	RL-TP14	RL-TP14
South 600 Area Liquid Sanitary Waste System	RL-TP13						RL-1112	RL-TP13	RL-TP13
South 600 Area Telecommunication System	RL-TP13						RL-TP14	RL-TP14	RL-TP14
South 600 Area Office Facilities	RL-TP13						RL-16	RL-TP13	RL-TP13
South 600 Area Shop Facilities	RL-TP13						RL-TP14	RL-TP14	RL-TP14
South 600 Area Storage Facilities	RL-TP13						RL-113	RL-TP13	RL-TP13
South 600 Area Land	RL-TP13						RL-TP14	RL-TP14	RL-TP14
South 600 Area Road System	RL-TP13						RL-11	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
							RL-17	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
							RL-1123	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14
							RL-1121	RL-TP13	RL-TP13
							RL-TP14	RL-TP14	RL-TP14

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Asset	Program Planning	Pre Conceptual	Conceptual	Life Cycle				Close Out	
				Execute			O&M	Post Ops	D&D
				Design	Construction	Turnover			
South 600 Area Rail System	RL-TP13						RL-1122 RL-TP14	RL-TP13 RL-TP14	RL-TP13 RL-TP14

RL-11 - DynCorp Infrastructure

RL-1111 - Steam Utilities

RL-1112 - Water Utilities

RL-1113 - Liquid Sanitary Waste Utilities

RL-1114 - Electrical Utilities

RL-1121 - Roadway Maintenance

RL-1122 - Rail Operations & Maintenance

RL-1123 - Vehicle Operations

RL-113 - General Purpose Facilities

RL-114 - Infrastructure Services

RL-16 - Information Resource Management

RL-17 - Asset Management

RL-TP13 - Landlord

RL-TP14 - Hanford Surplus Facility Program 300 Area Revitalization Project

RL-WM05 - Liquid Effluents Project

A.1.4 Project Planning Assumptions

This section contains the issues that affect the project. These include project specific issues, as well as the site-level issues that have been assigned to the project for resolution. It also contains the assumptions that are used as a basis for the development of project plans until the issues are formally resolved with records of decision. The "Champion" column determines if the Project has lead responsibility or is an affected participant. If the champion belongs to the Project, the Project has the lead. If not, the Project is an affected participant. Project plans include appropriate activities and resources for resolving these issues.

Table A.1-3 Project Issues And Assumptions

	ISSUE	PLANNING ASSUMPTION	CHAMPION
1	Revitalization Project Facility Timing What is the acceptance criteria and timing for the transfer of facilities in the 300 Area to the Revitalization Project?		
2	Revitalization Project Facility Acquisition Which facilities in the 300 Area will be transferred to the Revitalization Project?		

A.2.0 Project Hanford Breakdown Structure Hierarchy

The Project Hanford Breakdown Structure (PHBS) identifies the EM Project Hierarchy. This section identifies the EM Projects within the PHBS specific to this Project.

A.2.1 PHBS Hierarchy

This is a diagram of the projects that are contained in this MYWP. There is a subsequent section for each of the projects contained in this hierarchy.

Figure A-1 Landlord Project

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A.3.1 Project SMBS by PBS

Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager	Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager
LANDLORD											
Utilities for Vacant GPFs Surveillance & Main											
LLA101005	1F1 J	0A 01 01 Surveillance of Vacant GPFs	01OCT97	30SEP98	R GONZALES	LLA101005	1F1 J	0A 01 01 Surveillance of Vacant GPFs	01OCT97	30SEP98	R GONZALES
Shutdown of Vacant GPF Fac.						Shutdown of Vacant GPF Fac.					
LLA102005	1F1 J	0A 02 03 Shutdown of Vacant GPFs	01OCT97	30SEP98	R GONZALES	LLA102005	1F1 J	0A 02 03 Shutdown of Vacant GPFs	01OCT97	30SEP98	R GONZALES
Utilities						Utilities					
LLA103005	1F1 J	0A 03 01 Utilities	01OCT97	30SEP98	R GONZALES	LLA103005	1F1 J	0A 03 01 Utilities	01OCT97	30SEP98	R GONZALES
Utilities for Vacant GPF						Utilities for Vacant GPF					
LLA100005	1F1 J	0A 00 00 Utilities for Vacant GPF	01OCT97	30SEP98	R GONZALES	LLA100005	1F1 J	0A 00 00 Utilities for Vacant GPF	01OCT97	30SEP98	R GONZALES
LLA100105	1F1 J	0A 00 01 Maintenance & Shutdown of Vacant Facilities	01OCT97	30SEP98	R GONZALES	LLA100105	1F1 J	0A 00 01 Maintenance & Shutdown of Vacant Facilities	01OCT97	30SEP98	R GONZALES
Isolation/Shutdown of Vacant GPF Facilities											
Shutdown of Vacant GPF						Shutdown of Vacant GPF					
LLA300005	1F1 J	0E 00 00 Shutdown of Vacant GPF	01OCT97	30SEP98	J DIEBEL	LLA300005	1F1 J	0E 00 00 Shutdown of Vacant GPF	01OCT97	30SEP98	J DIEBEL
Shutdown of Remaining Steam Plants (284/E/384)											
Shutdown of 200A Powerhouse											
LLA200005	1F1 J	0C 00 00 200 Area Powerhouse Shutdown	01DEC97	21MAY98	P MARTELL	LLA200005	1F1 J	0C 00 00 200 Area Powerhouse Shutdown	01DEC97	21MAY98	P MARTELL
LLA200010	1F1 J	0C 00 00 Complete Shutdown of the 200 East Area	01DEC97	21MAY98	P MARTELL	LLA200010	1F1 J	0C 00 00 Complete Shutdown of the 200 East Area	01DEC97	21MAY98	P MARTELL
LLA200020	1F1 J	0C 00 02 200A Pwrns Shutdown Excess of Mail & Haz	01DEC97	21MAY98	P MARTELL	LLA200020	1F1 J	0C 00 02 200A Pwrns Shutdown Excess of Mail & Haz	01DEC97	21MAY98	P MARTELL
LLA200030	1F1 J	0C 00 03 200A Powerhouse Shutdown Final	01DEC97	21MAY98	P MARTELL	LLA200030	1F1 J	0C 00 03 200A Powerhouse Shutdown Final	01DEC97	21MAY98	P MARTELL
Shutdown of 300A Powerhouse											
LLA200005	1F1 J	0C 03 00 Shutdown 300A Pwrns, Excess of Mail & Haz	01DEC97	21MAY98	P MARTELL	LLA200005	1F1 J	0C 03 00 Shutdown 300A Pwrns, Excess of Mail & Haz	01DEC97	21MAY98	P MARTELL
LLA200020	1F1 J	0C 03 02 Shutdown 300A Pwrns, Isolation of Steam, Wtr &	01DEC97	21MAY98	P MARTELL	LLA200020	1F1 J	0C 03 02 Shutdown 300A Pwrns, Isolation of Steam, Wtr &	01DEC97	21MAY98	P MARTELL
LLA200030	1F1 J	0C 03 03 Shutdown & Deactivate the 300A Powerhouse	01DEC97	21MAY98	P MARTELL	LLA200030	1F1 J	0C 03 03 Shutdown & Deactivate the 300A Powerhouse	01DEC97	21MAY98	P MARTELL
LLA200040	1F1 J	0C 03 04 Shutdown 300A Powerhouse final Cleanup &	01DEC97	21MAY98	P MARTELL	LLA200040	1F1 J	0C 03 04 Shutdown 300A Powerhouse final Cleanup &	01DEC97	21MAY98	P MARTELL
Radioactively Contaminated Equipment											
Project Management											
LLA400005	1F1 R	0A PM00 DynCorp Ptl Coordination and Haz Mail	01OCT97	30SEP98	MJ BROWN	LLA400005	1F1 R	0A PM00 DynCorp Ptl Coordination and Haz Mail	01OCT97	30SEP98	MJ BROWN
LLA400010	1F1 R	0A PM01 FDNW Proj Mgmt, Proj Controls, & Vehicle	01OCT97	30SEP98	MJ BROWN	LLA400010	1F1 R	0A PM01 FDNW Proj Mgmt, Proj Controls, & Vehicle	01OCT97	30SEP98	MJ BROWN
Car 81											
LLA400005	1F1 R	0A 00 00 Maint of Car 81 at TC 4 Rail Spur Support (LMH)	01OCT97	30SEP98	MJ BROWN	LLA400005	1F1 R	0A 00 00 Maint of Car 81 at TC 4 Rail Spur Support (LMH)	01OCT97	30SEP98	MJ BROWN
LLA400010	1F1 R	0A 00 01 LMH Support for Car 81 at TC Rail Spur	01OCT97	30SEP98	MJ BROWN	LLA400010	1F1 R	0A 00 01 LMH Support for Car 81 at TC Rail Spur	01OCT97	30SEP98	MJ BROWN
LLA400020	1F1 R	0A 00 02 WMS Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN	LLA400020	1F1 R	0A 00 02 WMS Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN
LLA400030	1F1 R	0A 00 03 Craft Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN	LLA400030	1F1 R	0A 00 03 Craft Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN
LLA400040	1F1 R	0A 00 04 DYN Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN	LLA400040	1F1 R	0A 00 04 DYN Support for Car 81 Character & Prep to ATG	01OCT97	30SEP98	MJ BROWN
LLA400050	1F1 R	0A 00 05 WMS-NW Supp for Car 81 Character & Prep to	01OCT97	30SEP98	MJ BROWN	LLA400050	1F1 R	0A 00 05 WMS-NW Supp for Car 81 Character & Prep to	01OCT97	30SEP98	MJ BROWN
MP1B and GPBB											
LLA401005	1F1 R	0A 01 00 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN	LLA401005	1F1 R	0A 01 00 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN
LLA401010	1F1 R	0A 01 01 Complete Investigation & Character of MP1B &	01OCT97	21MAY98	MJ BROWN	LLA401010	1F1 R	0A 01 01 Complete Investigation & Character of MP1B &	01OCT97	21MAY98	MJ BROWN
LLA401060	1F1 R	0A 01 02 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN	LLA401060	1F1 R	0A 01 02 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN
LLA401100	1F1 R	0A 01 03 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN	LLA401100	1F1 R	0A 01 03 Investigation, Character, & Disp of GPBB & MP1B	01OCT97	21MAY98	MJ BROWN
LLA401110	1F1 R	0A 01 04 Complete Disposition of Regulated Equipment	01OCT97	21MAY98	MJ BROWN	LLA401110	1F1 R	0A 01 04 Complete Disposition of Regulated Equipment	01OCT97	21MAY98	MJ BROWN

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DATE: 01/02/03

TIME: 03:00

LOCATION: 03:00

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Project Start: 91OCT97

Project Finish: 28SEP98

Date Due: 61OCT97

Run Date: 18SEP97

Early Bar

Progress Bar

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A.3.1 Project SMBS by PBS

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A.3.1 Project SMBS by PBS

Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager	Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager
FDNW Estimating for Baseline											
LLB2059005	1F2	AA 05 98 Provide LP with Est for Schedule, Cost, Scope	02JUN98	31JUL98	P DAILY	LLB2059005	1F2	AA 05 98 Provide LP with Est for Schedule, Cost, Scope	02JUN98	31JUL98	P DAILY
Fee Set Aside											
LLB2059005	1F2	AA 05 98 Fee Set Aside	01DEC97	30SEP98	P DAILY	LLB2059005	1F2	AA 05 98 Fee Set Aside	01DEC97	30SEP98	P DAILY
Final Rep Bid 281-200 West Area Aband Septic Sys											
Outer Area Aband: Septic Sys.											
LLB3410103	1F2	CA ABH 01 FDNW Support for Outer Area Aband Septic Sys	02NOV97	31AUG98	D DANCH	LLB3410103	1F2	CA ABH 01 FDNW Support for Outer Area Aband Septic Sys	02NOV97	31AUG98	D DANCH
LLB3410205	1F2	CA ABH 02 Fixed Price Contract for Outer Area Aband Septic Sys	01MAY98	31JUL98	D DANCH	LLB3410205	1F2	CA ABH 02 Fixed Price Contract for Outer Area Aband Septic Sys	01MAY98	31JUL98	D DANCH
LLB3410210	1F2	CA ABH 02 Comp Final Reg Disp of Outer Area Aband Septic Sys	01JUL98	31JUL98	D DANCH	LLB3410210	1F2	CA ABH 02 Comp Final Reg Disp of Outer Area Aband Septic Sys	01JUL98	31JUL98	D DANCH
LLB3410305	1F2	CA ABH 03 Waste Mgmt Fed Serv Support	01DEC97	30APR98	D DANCH	LLB3410305	1F2	CA ABH 03 Waste Mgmt Fed Serv Support	01DEC97	30APR98	D DANCH
LLB3410405	1F2	CA ABH 04 Biological Reviews & HPT Support	01DEC97	29MAY98	D DANCH	LLB3410405	1F2	CA ABH 04 Biological Reviews & HPT Support	01DEC97	29MAY98	D DANCH
300 Area Abandon Septic Sys.											
LLB1800005	1F2	CA LB CR FDNW to bid FP Contract for 300 Area Abandon Septic Sys	01DEC97	27MAR98	D DANCH	LLB1800005	1F2	CA LB CR FDNW to bid FP Contract for 300 Area Abandon Septic Sys	01DEC97	27MAR98	D DANCH
LLB1800105	1F2	CA LB CR Reg Disp 300A Abandoned Septic System	01DEC97	27MAR98	D DANCH	LLB1800105	1F2	CA LB CR Reg Disp 300A Abandoned Septic System	01DEC97	27MAR98	D DANCH
LLB1800205	1F2	CA LB DD FDNW to Provide Design of 300 A Aband Septic Sys	01DEC97	31DEC97	D DANCH	LLB1800205	1F2	CA LB DD FDNW to Provide Design of 300 A Aband Septic Sys	01DEC97	31DEC97	D DANCH
Outer Area Septic Systems											
LLB3000005	1F2	CA 00 00 FDNW Support on CM, PM & Eng/FP Contract	02NOV98	31AUG99	D DANCH	LLB3000005	1F2	CA 00 00 FDNW Support on CM, PM & Eng/FP Contract	02NOV98	31AUG99	D DANCH
LLB3000105	1F2	CA 00 01 Compl Reg Disposition of Abandoned Septic Sys	02NOV98	28FEB99	D DANCH	LLB3000105	1F2	CA 00 01 Compl Reg Disposition of Abandoned Septic Sys	02NOV98	28FEB99	D DANCH
LLB3000205	1F2	CA 00 02 HPT Support	01DEC98	31MAR99	D DANCH	LLB3000205	1F2	CA 00 02 HPT Support	01DEC98	31MAR99	D DANCH
Exp Sub 281-200 West Area Regional Drainfield											
PM Coord./Test Holes/Report to State											
LLB4000105	1F2	CA 00 01 PM Coord., Test Holes, Provide Prel Rpt to State	01OCT97	27FEB98	D DANCH	LLB4000105	1F2	CA 00 01 PM Coord., Test Holes, Provide Prel Rpt to State	01OCT97	27FEB98	D DANCH
LLB400110	1F2	CA 00 01 Submit Preliminary Engineering Reporting to State	01OCT97	27FEB98	D DANCH	LLB400110	1F2	CA 00 01 Submit Preliminary Engineering Reporting to State	01OCT97	27FEB98	D DANCH
LLB400205	1F2	CA 00 02 HPT Support, Design/Biological Reviews from State	02NOV97	30JUN98	D DANCH	LLB400205	1F2	CA 00 02 HPT Support, Design/Biological Reviews from State	02NOV97	30JUN98	D DANCH
LLB400305	1F2	CA 00 03 Trans of Prelim Eng Report & Definitive Design	02NOV97	31AUG98	D DANCH	LLB400305	1F2	CA 00 03 Trans of Prelim Eng Report & Definitive Design	02NOV97	31AUG98	D DANCH
LLB400405	1F2	CA 00 04 BAWH PEP Consultant Eng for Design Reviews	02NOV97	30JUN98	D DANCH	LLB400405	1F2	CA 00 04 BAWH PEP Consultant Eng for Design Reviews	02NOV97	30JUN98	D DANCH
L281 HPT Support											
LLB4000005	1F2	CA 00 00 HPT Support	01OCT98	31DEC98	D DANCH	LLB4000005	1F2	CA 00 00 HPT Support	01OCT98	31DEC98	D DANCH
L281 B&W Construction Support											
LLB4010015	1F2	CA 01 00 BWH Cgr. Engr. Coord.	01OCT98	28MAY99	D DANCH	LLB4010015	1F2	CA 01 00 BWH Cgr. Engr. Coord.	01OCT98	28MAY99	D DANCH
LLB4010020	1F2	CA 01 00 Support Coma. of Const.	02NOV98	28MAY99	D DANCH	LLB4010020	1F2	CA 01 00 Support Coma. of Const.	02NOV98	28MAY99	D DANCH
LLB4010105	1F2	CA 01 01 WMS Permt. Trans. of Engr. Doc. to WSDOH	02NOV98	28MAY99	D DANCH	LLB4010105	1F2	CA 01 01 WMS Permt. Trans. of Engr. Doc. to WSDOH	02NOV98	28MAY99	D DANCH
L275: Engr 9 Services Personnel Consolidation											
L275 Fixed Price Construction											
LLB5000005	1F2	CA CR00 Construction Fixed Price - FDNW	01OCT97	30SEP98	W HAYES	LLB5000005	1F2	CA CR00 Construction Fixed Price - FDNW	01OCT97	30SEP98	W HAYES
LLB5000105	1F2	CA CR00 Complete Construction for Project L-275	01OCT97	30SEP98	W HAYES	LLB5000105	1F2	CA CR00 Complete Construction for Project L-275	01OCT97	30SEP98	W HAYES
L275 GCM, PM, Engineering & Design											
LLB5FD00005	1F2	FA FD 00 FDNW Supp for Contr Mgmt, Proj Mgmt, Design & Design	01OCT97	30SEP98	W HAYES	LLB5FD00005	1F2	FA FD 00 FDNW Supp for Contr Mgmt, Proj Mgmt, Design & Design	01OCT97	30SEP98	W HAYES
LLB5FD00110	1F2	FA FD 00 Complete Design for Relocation of MO-282	01OCT97	30JUN98	W HAYES	LLB5FD00110	1F2	FA FD 00 Complete Design for Relocation of MO-282	01OCT97	30JUN98	W HAYES
LLB5FD00115	1F2	FA FD 00 MO-282 Relocated at 2E Fire Station	01JUL98	31JUL98	W HAYES	LLB5FD00115	1F2	FA FD 00 MO-282 Relocated at 2E Fire Station	01JUL98	31JUL98	W HAYES
LLB5FD00210	1F2	FA FD 00 Complete & Close Out Project L-275	01OCT97	30SEP98	W HAYES	LLB5FD00210	1F2	FA FD 00 Complete & Close Out Project L-275	01OCT97	30SEP98	W HAYES

Issue	Revision	Checked	Approved

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DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

Project Start	01OCT97	Early Bar
Project Finish	31SEP98	Progress Bar
Date Date	01OCT97	
Run Date	18SEP97	

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LANDLORD PROJECT WBS 1.5

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A.3.1 Project SMBS by PBS

Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager	1997	1998	1999	2000
L275 Engineering & Construction Support									
LLBFEQ0005 [F2] [F] [BA] [EE] [01] LMS Engineering During Construction			01OCT97	30JUN98	W HAYES				
LLBFEQ0005 [F2] [F] [BA] [EE] [02] FDH to Provide Inspection During Construction			01OCT97	30SEP98	W HAYES				
Sanitary Solid Waste Landfill Engineering Study									
LLB6000005 [F2] [J] [00] [00] Engineering Study for Sanitary Waste Landfill			01OCT97	28AUG98	D DANCH				
LLB6000010 [F2] [J] [00] [00] Comp Prelim Eng Study for Final Closure of Landfill				28AUG98	D DANCH				
Preliminary Engineering Landfill Closure									
LLB6000015 [F2] [J] [00] [00] Engineering Plan for Landfill Closure Plan			01OCT97	30SEP99	D DANCH				
Exp Sup: Proj L-279 Outer Area Fiber Optic Loop									
L279 Cultural/Biological & HP/Utilities									
LLB7000005 [F2] [L] [BA] [00] Cultural Resource Review/Biological Historical			01OCT97	31DEC97	J DIEBEL				
LLB7000105 [F2] [L] [BA] [00] Scanning			01OCT97	28NOV97	J DIEBEL				
L279 HPT Support									
LLB7010005 [F2] [L] [BA] [01] HPT Support			02JAN98	28MAY98	J DIEBEL				
L279 Utilities Support									
LLB7020005 [F2] [L] [BA] [02] Utilities Support			03NOV97	30JUN98	J DIEBEL				
Exp Sup: L-286 200E Sanitary Water Plant Effluent									
Utilities Operation-Construction Support									
LLB8000005 [F2] [N] [BA] [CM] [00] Procedures, Construction Support, Mfgs			01OCT97	30SEP98	J DIEBEL				
LLB8000010 [F2] [N] [BA] [CM] [00] Procedures, Const Support & Turnover, Mfgs			01OCT98	30APR99	J DIEBEL				
LLB8000105 [F2] [N] [BA] [CM] [01] Prepare Project Proposal (Estimate) FONW			01OCT97	31OCT97	J DIEBEL				
Utilities Engineering									
LLB8E00005 [F2] [N] [BA] [EE] [00] Utilities Engineering Support			01OCT97	30SEP98	J DIEBEL				
LLB8E00010 [F2] [N] [BA] [EE] [00] Const Supp. AT/OTP, ECNS Sub, Vendor Files			01OCT98	30APR99	J DIEBEL				
LLB8E00105 [F2] [N] [BA] [EE] [01] Excavation Permit Reviews			02MAR98	30APR98	J DIEBEL				
HPT Support									
LLB8H00005 [F2] [N] [BA] [HP] [00] HPT Support			03NOV97	30SEP98	J DIEBEL				
LLB8H00010 [F2] [N] [BA] [HP] [00] HPT Support (Bargaining Unit and Exempt)			01OCT98	30NOV98	J DIEBEL				
LLB8H00105 [F2] [N] [BA] [HP] [01] HPT Support, Bargaining Unit			03NOV97	30SEP98	J DIEBEL				
NEPA/Cultural Resource Review									
LLB8NE0005 [F2] [N] [BA] [NE] [00] NEPA/Cultural Resource Review			01OCT97	31DEC97	J DIEBEL				
Permitting									
LLB8PR0005 [F2] [N] [BA] [PR] [00] WDOH Permitting, Flush Water Discharge Permit			02FEB98	30APR98	J DIEBEL				
Over Lay/Seal Roads									
Fixed Price/Construction									
LLB9000105 [F2] [R] [0A] [00] [00] Issue FF Contract Notice to Proceed for Paving			01APR98		J DIEBEL				
LLB9000110 [F2] [R] [0A] [00] [01] Overlay 4N/11A, Chip Seal 4S/Canton, Ball 4th			01APR98	31AUG98	J DIEBEL				
LLB9000115 [F2] [R] [0A] [00] [01] Compl Overlay of 4N, Portion of Rt 4S & Rt 1				30SEP98	J DIEBEL				
FONW Support									
LLB9010005 [F2] [R] [0A] [01] [02] FONW Support for PM, Const Mgmt, &			01OCT97	30SEP98	J DIEBEL				
FDH Inspection									
LLB9020005 [F2] [R] [0A] [02] [03] FDH Inspection Support for Overlay & Seal of			01APR98	31JUL98	J DIEBEL				

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DATE	Revision	Checked/Approved

DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

Project Team
Project Finish
Date Data
Run Date

Early Bar
Progress Bar

01OCT97
28SEP98
01OCT97
18SEP97

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LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

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A.3.1 Project SMBS by PBS

Activity ID	FOS	Activity Description	Early Start	Early Finish	CA Manager	FY 98	FY 99	FY 00
Engineering/Estimate for 1999								
LLB930005	1F2 R	Equip & Est for Overlay & Rd Sealing for 1999	02JAN98	30SEP98	J DIEBEL			
LLB930010	1F2 R	Complete Engr. and Est. for FY99 Paving	30APR98	J DIEBEL				
Overlay/Chip Seal								
LLB900005	1F2 R	Part Chip Seal 4S, Overlay 11A, Chip Seal 2E	01OCT98	31AUG99	J DIEBEL			
Proj D424, 224 Facility Compliance/Renovation								
D424, Expense Support								
LLG1000305	1F5 D	Expense Support to Complete Project D424	01OCT97	31MAR98	J PITKIN			
Area Emergency Stems, Phase III								
L274 Installation								
LLGCR00005	2F2 F	Installation of 6 Stems	03NOV97	13JUN98	J CRIGLER			
LLGCR00010	2F2 F	Complete Installation & Testing of Phase III	13JUN98	J CRIGLER				
LLGCR00015	2F2 F	Complete & Close Out Project L-274	28AUG98	J CRIGLER				
L274 Inspection								
LLGTE00005	2F2 F	Inspection Services from LMSI	03NOV97	30JUN98	J CRIGLER			
L274 FDNW CM, PM, & Engineering Support								
LLGFD00005	2F2 F	IDA PD 100 FDNW Support for Proj Mgmt, Constr Mgmt,	01OCT97	31AUG98	J CRIGLER			
LLGFD00010	2F2 F	IDA PD 100 Complete Definitive Design for Phase III	28NOV97	J CRIGLER				
L274 Procurement								
LLGPP00005	2F2 F	Contract with SES for Procure of Sios Mono	02JAN98	30JUN98	J CRIGLER			
Med 24, 88G-380/G314 2207 A&V Life Sup Ambulance								
Procure Ambulance								
LLGPP00005	2F2 F	Procure Advanced Life Support Ambulance	01SEP98	30SEP98	W HAYES			
LLGPP00010	2F2 F	Receive Med 94 Ambulance	30SEP98	W HAYES				
Multi-Plex Emergency Radio Base Station								
Install of Radio Base Station								
LLGSC00005	2F2 F	8C CC 000 Install Multi-Plex Emergency Radio Base System	01SEP98	30SEP98	W HAYES			
LLGSC00010	2F2 F	8C CC 000 Compl Install of Multi-Plex Emerg Radio Base Sta	30SEP98	W HAYES				
Procure Radio Base Station								
LLGPP00005	2F2 F	8C PP 100 Procure Multi-Plex Emergency Radio Base	03AUG98	31AUG98	W HAYES			
Engine #91, 88B-3574 Fire Eng Aerial Ladder 50								
Procure Fire Engine								
LLGPP00005	2F2 F	8D PP 100 Procure Fire Engine Aerial Ladder 50	01SEP98	30SEP98	W HAYES			
LLGPP00010	2F2 F	8D PP 100 Receive Fire Engine #91	30SEP98	W HAYES				
PNNL Computer Replacement for Radiological Assess								
PNNL Computer Replacement for Rad Assessments								
LLGSC00005	2F2 F	8E 00 100 PNNL Computer Replacement for Rad	01MAY98	29MAY98	J CRIGLER			
LLGSC00010	2F2 F	8E 00 100 Compl Procurement of PNNL Computer	29MAY98	J CRIGLER				
UPS for 3749 Building								
UPS - Installation								
LLGCR00005	2F2 F	8A CR 100 Install the UPS System into 3719 Bldg	01OCT97	28AUG98	JAC/DANCH			
LLGCR00010	2F2 F	8A CR 100 Completion of Installation	31JUL98	JAC/DANCH				
Project Start								
910CT97		Early Bar						
25SEP98		Progress Bar						
91OCT97		Project Finish						
14SEP97		Run Date						
14SEP97		Run Date						
Dyncorp Tri-Cities Services, Inc. Landlord Program FY 1998 Multi-Year Work Plan						Sheet 5 of 5		
						Rev	Revision	Created/Approved

LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

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A.3.1 Project SMBS by PBS

LANDLORD PROJECT WBS 1.5

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A.3.1 Project SMBS by PBS

LANDLORD PROJECT

WBS 1.5

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A.4.1 Basis of Estimate

The Landlord Project's cost estimates were prepared in accordance with HNF-PR-000585, *Cost Estimating*. The estimates utilize the Activity-based Costing (ABC) method in all cases. These estimates are based on a "bottoms up" approach to determine: 1) resources necessary to complete each discrete piece of workscope; 2) how the resources are allocated by year and by month; 3) priorities based on DOE-RL, DOE-HQ, Stakeholder and Contractor values of cleanup work to be completed and its applicability to the current priority structure and the overall site mission.

Cost estimates for FY 1998 and 1999 were prepared at the task level. Cost estimates for FY 2000 were prepared at the cost account level with cost estimates for FY 2001 through FY 2006 at the activity level. For the remainder of the project life cycle, estimates have been prepared at the end function level.

The cost estimating packages contain the following information:

- Technical scope
- Purpose of the workscope to be completed
- Assumptions and exclusions
- Estimate work breakdown structure
- Technique and historical basis
- Cost estimating relationship development
- Labor rates, unit rates, and unit cost sources
- Escalation amounts and sources
- Contingency calculation development (if applicable)
- Legal drivers
- Labor costs
- Technical logic diagram
- Integrated, logic driven, resource loaded schedules
- Responsibility assignment matrix
- Other costs that will be reflected in the budget for the particular project.

The activity-based cost estimates can be found in our scheduling office at 2430 Stevens Drive, Room 252.

A.4.4.2 Summary of Life Cycle Cost Baseline (BCWS) by Project

LANDLORD PROJECT
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY
BY PROJECT BASELINE SUMMARY (PBS)
FY 1998

(\$000s)

PROJECT WBS : 1.5												SUBTOT FY1997- FY2006
PBS TITLE	PBS NO	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	
Landlord Project	RL-TP13	11,037	13,219	13,862	24,568	47,669	40,863	25,626	20,215	32,203	38,982	268,264
RL Contracts for Landlord	RL-TP13		493									493
												-
												-
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TOTAL BCWS/PMB		11,037	13,712	13,862	24,568	47,669	40,863	25,626	20,215	32,203	38,982	268,757

¹Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover is NOT Included.

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

A.4.2 Summary of Life Cycle Cost Baseline (BCWS) by Project

LANDLORD PROJECT
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY
BY PROJECT BASELINE SUMMARY (PBS)
FY 1998

(\$000s)

PROJECT WBS : 1.5											
PBS TITLE	PBS NO	FY2007-	FY2011-	FY2016-	FY2021-	FY2026-	FY2031-	FY2036	FY2041-	FY2046	TOTAL
		FY2010	FY2015	FY2020	FY2025	FY2030	FY2035	FY2040	FY2045	FY2050	FY1997- FY2050
Landlord Project	RL-TP13	88,000	75,000	50,000	50,000	55,550	61,000	47,700	30,329	29,900	755,743
RL Contracts for Landlord	RL-TP13										493
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HNF-SP-1242, Rev. 0

**LANDLORD PROJECT
WBS 1.5**

A.4.4.3 Summary of Life Cycle Budget Authority (B/A) by Project

A.4-4

LANDLORD PROJECT
SUMMARY OF LIFE CYCLE BUDGET AUTHORITY (B/A) BY YEAR BY
BY PROJECT BASELINE SUMMARY (PBS)

(\$000s)

[illegible]

LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

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A.4.4 BCWS for Execution Year by Month by Fund Type

LANDLORD PROJECT FY 1998 COST BASELINE (BCWS) BY MONTH BY FUND TYPE BY PROJECT EXECUTION YEAR (\$000s)

PROJECT WBS	PROJECT TITLE	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1.5	Landlord Project	Operating Expense	348	453	973	655	678	1,011	896	774	957	693	510	540	8,528
		GENRTC	30	56	44	237	222	34	172	185	111	220	122	734	2,167
		GPP	228	180	153	77	382	72	75	77	276	212	252	506	2,488
		Line Item	84	83	82	62	0	0	0	0	0	0	0	218	529
		Total BCWS (PMB)	668	812	1,252	1,031	1,032	1,117	1,143	1,036	1,344	1,125	884	1,938	13,712
		Worst Reserve ¹													0
		Line Item Contingency ²													0
		Offsite Transfers ³													0
Total			668	812	1,252	1,031	1,032	1,117	1,143	1,036	1,344	1,125	884	1,938	13,712

¹Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Contingency is Not Included.

²Management Reserve and Line Item Contingency Held By RL.

LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

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A.4.5 BCWS for Execution Year by Month by Cost Element

LANDLORD PROJECT FY 1998 COST BASELINE (BCWS) BY MONTH BY COST ELEMENT BY PROJECT EXECUTION YEAR (\$000s)

PROJECT WBS	PROJECT TITLE	COST ELEMENT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
1.5	Landlord Project	0 Salaries	100	127	336	330	325	345	306	216	89	77	84	76	2,293
	(RL Contracts Included	1 Material	1	1	1	15	1	1	1	1	1	1	1	1	344
	in Cost Element 3)	2 Purchased Serv	265	203	149	210	414	21	252	252	466	566	370	423	3,184
		3 Other Contr Chgs	10	12	8	6	6	88	88	90	91	88	88	7	512
		4 Internal Serv	19	19	25	31	75	48	58	27	47	50	26	59	400
		5 Internal Chgs	14	21	44	14	19	41	40	21	14	16	16	715	475
		6 LMSI	6	6	7	7	7	7	7	7	6	17	22	7	106
		7 Overheads	117	136	415	192	233	365	199	176	386	164	128	495	3,113
		8 Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
		9 Enterprise Cos	221	267	278	271	202	180	189	190	229	186	149	150	2,444
TOTAL BCWS/PMB			658	812	1,252	1,003	1,252	1,312	1,143	1,036	1,241	1,125	834	1,891	14,712

'Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover is Not Included.

5.0 PERFORMANCE MEASURES/METRICS

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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A.5.0 Performance Measures/Metrics Including Cost Metrics

Not applicable.

1.0 TECHNICAL BASELINE

B.1 Landlord (RL-TP13)

B.1.1.0 Landlord Technical Baseline (RL-TP13)

B.1.1.1 Landlord Organization Mission (RL-TP13)

The mission of Landlord Project is to preserve, upgrade, maintain, and forecast cost effective general infrastructure activities to facilitate the Hanford Site cleanup mission. Specific functions and services provided by Landlord Project include utilities (i.e. steam, water, sanitary sewer, solid waste disposal, electrical and telecommunication distribution), transportation, general purpose facilities (includes general support shops and laboratories), services, and energy and land use management. All Landlord Project activities will be performed in an environmentally sound, safe, economical, prudent, and reliable manner. The Hanford Site Landlord Project will be competitive with commercially provided services to offer the best price, quality, and service available.

The major project objectives are:

The overall Landlord Project objective is to maintain a standard of excellence and safety while providing efficient, affordable, and effective infrastructure and support services.

The Project will strive to maintain, preserve, or upgrade strategic assets while consolidating facilities and functions to lower operating and maintenance costs. Realistic goals and strong baseline control are critical to meeting the Project objectives. Paramount to these objectives is compliance with all applicable laws, orders, agreements, codes, standards, and best management and safety practices.

The objectives for general infrastructure support are reflected in two specific areas, 1) Core Infrastructure Maintenance, and 2) Infrastructure Mortgage Reduction.

The following objectives are applicable to the Landlord Project:

Continue to focus on defining and addressing core infrastructure needs. Utilize mortgage reduction (i.e. elimination, excessing, salvage, and demolition) to transition facilities and equipment to their most cost effective status; thereby optimizing the site infrastructure. Provide upgrades to the Site only where cost effective.

Provide an infrastructure that serves the Hanford Mission, leaves diversification value and viable assets, concentrate service locations, excess, disposition, or demolish inadequate and under utilized facilities, promote energy efficiency, and maintain facilities and equipment as economical and safely as possible within environmental regulations.

Integrate Occupational Safety and Health Act (OSHA) requirements into the continuous facility inspection project. Ensure compliance with applicable federal and state regulations, and the Tri-Party Agreement.

Identify future infrastructure needs, integrate Landlord Project planning with other project plans, effectively use limited resources, improve project definition and cost estimating, and direct fund all appropriate costs.

Develop a reliable and meaningful process for performing inspections, reporting and life cycle costing of projects for Landlord functions ensuring effective asset management of site resources.

Encourage outreach and partnership with local/private sector and Tribal Governments.

WBS 1.5

Provide site wide coordination and management of land use issues to ensure effective support to site cleanup decisions and economic transition initiatives.

B.1.1.2 Landlord End Point Targets from Hanford Strategic Plan

B.1.1.2.1 Landlord Principal End Point Targets

- Transition high cost surplus facilities in the central plateau and south 600 areas to a low cost, stable, deactivated condition.
- Remove non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.
- Dismantle, or close through entombment, D&D facilities in the central plateau areas currently assigned to the ER program.
- Reuse facilities in the south 600 area for economic diversification where feasible.

B.1.1.2.2 Landlord Supported End Point Targets

-None-

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B.2.1 Work Breakdown Structure

LANDLORD PROJECT
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B.2.2 WBS Dictionary

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1 Activity Title: Landlord Project	2 Date July 1997	3 PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name	9. B & R No.		
<p>10. Scope of Work</p> <p>The objective of this effort is to manage and execute the scope associated with the Landlord Program. It encompasses the management of infrastructure capital projects in support of the Hanford Mission, the acquisition of capital equipment not related to construction, as well as life cycle extension of assets and overall program management, planning, and control. Complete agreed upon scope identified in the approved MYWP in accordance with applicable regulations, requirements, and DOE Orders.</p>			

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Transition the Hanford Site infrastructure with the goal to reduce outyear cost. The activity includes the following: reutilization of vacant land and properties; surveillance, maintenance, and demolition of vacant general purpose facilities (no funding in either FY 1998 or 1999); transfer of retired facilities (steam plants, electrical distribution systems, etc.) to other programs or agencies; disposition of contaminated equipment (railroad cars, cranes, vehicles, etc.); and surveillance, maintenance, and demolition of abandoned infrastructure systems (pump stations, electrical substations, water and sewer systems, etc. No funding is included for any demolition in either FY 1998 or 1999).			

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This activity provides for the maintenance and replacement of core infrastructure systems to extend the life of the infrastructure to support the site mission to completion. The activity includes the maintenance and replacement of the following: highways and roads; railroads; supply and distribution of water for domestic and fire protection purposes (primarily in the 200 and 100 areas) sanitary waste water collection, treatment, and disposal systems (majority are septic systems north of the Wye Barricade); telephone and telecommunication networks (includes emergency and industrial signals, Hanford Local Area Network); and primary electrical distribution systems. Replacement of systems will be performed to resolve safety, health, and/or environmental issues or when cost effective and where life cycle savings can be realized. The infrastructure is needed to support the overall mission of the Hanford Site which includes waste management, environmental cleanup, research, and development.			

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Project L-035, (Subproject B-604) 200 Area Water System Upgr. - Reservoir	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.5.5	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This WBS of the Hanford Landlord Program consists of Project B-468, "Railroad Upgrade Mainline"; Project B-604, "Water System Upgrades-Reservoir"; Project B-690, "Steam System Safety and Productivity Upgrade"; and Project L-001, "Fire Water Storage and Distribution Upgrades, 300 Area." Subproject B-468 replaced rail between the 1100 and 200 Areas and from the Columbia Center to the Yakima River bridge and completed in FY 1995. Subproject B-604 upgrades the capacity of the current water storage and supply systems for the 200 Area to meet RLIP 5480.7 and the National Fire Protection Associated standards. Subproject B-690 replaced existing electrical service, circuits and components in the 44 year old steam generation facilities in the 200 Areas and was completed in FY 1994. Subproject L-001 upgraded the existing 300 Area water system as required to provide an independent water supply capable of meeting fire flow demands simultaneous with peak process and domestic demands for a period of not less than four hours and completed in FY 1995.			

**LANDLORD PROJECT
WBS 1.5**

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**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Project D-424, 324 Facility Compliance/ Renovation	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.5.13	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This WBS of the Hanford Landlord Program consists of bringing selected 324 Building systems into compliance; avoiding near-term adverse impacts on workers, the public, and the environment; and assures continuity of operations to meet requirements of key Hanford programs. The deteriorated, contaminated, or essential noncompliant building systems in this project must be renovated in accordance with U.S. Department of Energy (DOE) Orders, federal codes, and state regulations. Operating costs reflect funding required for validation efforts and direct non-dedicated support to the authorized Line Item project. The construction scope includes: replacing worn out and deteriorated electrical service equipment which are very old and difficult to maintain because key parts are no longer manufactured; replacing wiring and connections which violate the National Electric Code (NEC); installing seismic bracing, supports, couplings, standpipes, fire department connections, backflow preventors, and the expansion of the fire sprinkler system to meet National Fire Protection Act (NFPA) codes. This project has been descope to complete only NEC, NFPA, and associated fire protection activities so the facility can be cleaned out and transitioned for demolition.</p>			

**LANDLORD PROJECT
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B.2.3 Landlord Responsibility Matrix

PROGRAM ELEMENT	ACTIVITY	COST ACCOUNT	TITLE	RESPONSIBLE MANAGER	RESPONSIBLE ORGANIZATION
1.5			Landlord Program	M. D. Dallas SE000	Operations
1.5.1.1.1			Infrastructure Mortgage Reduction	M. D. Dallas SE000	Operations
	1.5.1.1.1.1		Administration	P. D. Daly SE400	Operations
	1.5.1.1.1.2		Business Systems	J. A. Crigler/ D. A. Danch SE400	Operations
	1.5.1.1.1.3		Sewer	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.4		Roads/Rail/Heavy Equipment	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.4A	1F1R0A	Equipment Disposition	J. A. Diebel SE500	Operations
	1.5.1.1.1.5		Electrical Distribution	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.6		Emergency Facilities/Services	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.7		Facilities/Shops/PNNL Laboratories	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.7A	1F1J0A	Utilities, Surveillance and Maintenance of Vacant GPFs	R. Gonzales 52910	Facility Management
	1.5.1.1.1.7C	1F1J0C	Shutdown of Remaining Steam Plants (284E and 384)	J. A. Diebel SE500	Operations
	1.5.1.1.1.8		Telecommunications	J. A. Crigler/ D. A. Danch	Operations
	1.5.1.1.1.9		Water	J. A. Crigler/ D. A. Danch	Operations

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B.2.3 Landlord Responsibility Matrix

PROGRAM ELEMENT	ACTIVITY	COST ACCOUNT	TITLE	RESPONSIBLE MANAGER	RESPONSIBLE ORGANIZATION
1.5.1.1.2			Core Infrastructure Maintenance	M. D. Dallas 5E000	Operations
	1.5.1.1.2.1		Administration	P. D. Daly 5E400	Operations
	1.5.1.1.2.1A	1F2AAA	Program Management	P. D. Daly 5E400	Operations
	1.5.1.1.2.1B	1F2A0C	Land Use Planning/Asset Conversion/Mapping Services	E. F. Yancey 5E500	Operations
	1.5.1.1.2.2		Business Systems	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.3		Sewer	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.3A	1F2CAA	Final Regulatory Disposition of 300 Area & Outer Area Abandoned Septic Systems	J. A. Diebel 5E500	Operations
	1.5.1.1.2.3E	4F2C7A	Project L-272, "200 East Central Core GPF Sanitary Sewer System Replacement"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.4		Roads/Rail/Heavy Equipment	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.4A	1F2R0A	Overlay/Seal Roads	J. A. Diebel 5E500	Operations
	1.5.1.1.2.5		Electrical Distribution	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.6		Emergency Facilities/Services	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.6C	2F2F8A	Project L-274, "Area Emergency Sirens"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.6E	2F2F8B	Advanced Life Support Ambulance Procurement	W. R. Hayes 5E320	Hanford Fire Department
	1.5.1.1.2.6F	2F2F8C	Multi-Plex Emergency Radio Base Station	W. R. Hayes 5E320	Hanford Fire Department
	1.5.1.1.2.6G	2F2F8D	Fire Engine Aerial Ladder (50')	W. R. Hayes 5E320	Hanford Fire Department
	1.5.1.1.2.6I/J	1F2F8A 4F2F8A	Project L-275, "Emergency Services Personnel Consolidation"	J. A. Diebel 5E500	Operations

**LANDLORD PROJECT
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B.2.3 Landlord Responsibility Matrix

PROGRAM ELEMENT	ACTIVITY	COST ACCOUNT	TITLE	RESPONSIBLE MANAGER	RESPONSIBLE ORGANIZATION
	1.5.1.1.2.7		Facilities/Shops/PNNL Laboratories	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.7A	1F2J0D	Sanitary Solid Waste Landfill Engineering Study	J. A. Diebel 5E500	Operations
	1.5.1.1.2.7B	PNNL	PNNL Computer Replacement for Radiological Assessments	J. A. Crigler 5E400	Operations
	1.5.1.1.2.8		Telecommunications	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.8A/C	1F2L8A 4F2L8A	Project L-279, "Infrastructure Fiber Loop, Outer Area"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.8B	4F2L7A	Project L-273, "Infrastructure Fiber Loop, Inter Area"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.8D	2F2L8A	UPS for 3719 Building	J. A. Diebel 5E500	Operations
	1.5.1.1.2.9		Water	J. A. Crigler/ D. A. Danch 5E400	Operations
	1.5.1.1.2.9A/B	1F2C8A 4F2C8A	Project L-281, "200 West Area Regional Drainfield"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.9C/D	1F2N8A 4F2N8A	Project L-286, "200 East Sanitary Water Plant Effluent Stream Reduction"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.9F	5F2N7B	Project L-288, "Met Station Sewer & Water Infrastructure Mods"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.9G	5F2N7C	Project L-289, "Baltimore Avenue Water Drainage, 200 East Environmental Compliance"	J. A. Diebel 5E500	Operations
	1.5.1.1.2.9J	5F2N7A	Project L-278, "200 Area Fire Protection Water Tie-Line"	J. A. Diebel 5E500	Operations
1.5.1.1.5	1.5.1.1.5.5		Project B-604, "Water System Upgrade - Reservoir" (only remaining subproject of L-035)	D. A. Danch 5E400	Operations
	1.5.1.1.5.5	3F53BB	Project B-604, "Water System Upgrade-Reservoir"	J. A. Diebel 5E500	Operations
1.5.1.1.5.13	1.5.1.1.5.13		Project D-424, "324 Facility Compliance/ Renovation"	D. A. Danch 5E400	Operations
	1.5.1.1.5.13	1F5DAA 3F5DAA	Project D-424, "324 Facility Compliance/Renovation"	J. A. Diebel 5E500	Operations

B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

[illegible]

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B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	PDS	Activity Description	Early Start	Early Finish	CA Manager	01	02	03	04	05	06	07	08	09	10	11	12
Well Car																	
LLA4020005	1F1R 0A 02 00	Strategize and Characterize One Well Car (Crin)	02JAN98	26JUN98	MJ BROWN												
LLA4020010	1F1R 0A 02 00	Complete Investigation & Prepare Strategy	02JAN98	26JUN98	MJ BROWN												
LLA4020015	1F1R 0A 02 01	Strategize and Characterize One Well Car	02JAN98	26JUN98	MJ BROWN												
LLA4020025	1F1R 0A 02 02	Strategize and Characterize One Well Car	02FEB98	30SEP98	MJ BROWN												
LLA4020030	1F1R 0A 02 02	Complete Well/Car Characterization	31AUG98	MJ BROWN													
Equipment Disposition																	
LLA4999905	1F1R 0A 99 99	Disposition of Equipment	01OCT98	10SEP99	MJ BROWN												
LLA4999910	1F1R 0A 99 99	Disposition of Equipment	10SEP99	MJ BROWN													
Land Use Planning/Asset Conversion																	
General Administration																	
LLB1000005	1F2A 0C 00 00	Staff Migs, Occup, Train, Maint Contr, Penitums	01OCT97	30SEP98	E YANCEY												
LLB1000010	1F2A 0C 00 99	Staff Migs, Occup, Train, Maint Contr, Penitums	01OCT98	30SEP98	E YANCEY												
Comprehensive Plan and Process																	
LLB1010005	1F2A 0C 01 00	Comprehensive Plan & Process	01OCT97	30SEP98	E YANCEY												
LLB1010010	1F2A 0C 01 00	Comprehensive Plan & Process	01OCT98	30SEP98	E YANCEY												
Site Selection																	
LLB1020005	1F2A 0C 02 00	Site Selection, Mapping, Process Requests	01OCT97	30SEP98	E YANCEY												
LLB1020010	1F2A 0C 02 00	Site Selection, Mapping, Process Requests	01OCT98	30SEP98	E YANCEY												
Site Plan & Integ./Asset Conv.																	
LLB1030005	1F2A 0C 03 00	Site Plan & Integ./Asset Conversion	01OCT97	30SEP98	E YANCEY												
LLB1030010	1F2A 0C 03 00	Site Plan & Integ./Asset Conversion	01OCT98	30SEP98	E YANCEY												
Mapping Services																	
LLB1040005	1F2A 0C 04 00	Provide Support for FDNR to Provide Mapping	01OCT97	30SEP98	E YANCEY												
Program Management																	
Program Administration																	
LLB2010005	1F2A 0A 01 00	Administration of the Landlord Program	01OCT97	30SEP98	P DALY												
LLB2010010	1F2A 0A 01 00	Support Landlord Program in FY 1999	01OCT98	30SEP98	P DALY												
LLB2010015	1F2A 0A 01 99	Time Experienced in Support of the Landlord	01OCT97	30SEP98	P DALY												
LLB2019905	1F2A 0A 01 99	Admin of Landlord Prog (Train, Staff Mlg, Etc.)	01OCT98	30SEP98	P DALY												
Long-Range Planning																	
LLB2020005	1F2A 0A 02 00	Act Mgmt, SMDP/TS Rep, Baseline Chng, Chang	01OCT97	30SEP98	P DALY												
LLB2020005	1F2A 0A 02 98	Update PDS, St. Louis Prep, RDD-100	01OCT98	30SEP98	P DALY												
Current Year Execution																	
LLB2030005	1F2A 0A 03 00	MYVP Prep, Mnth BOWP, Cat Acc Changes, Review Docs for Landlord Program	01OCT97	30SEP98	P DALY												
LLB2030010	1F2A 0A 03 00	Complete Draft MYVP for FY 1999	01OCT98	30SEP98	P DALY												
LLB2039905	1F2A 0A 03 99	Update/Prepare MYVP, Admin Change Contr	01OCT98	30SEP98	P DALY												
Document Review																	
LLB2040005	1F2A 0A 04 00	Doc Review for Landlord Prog Activities	01OCT97	30SEP98	P DALY												
LLB2040005	1F2A 0A 04 07	Includes Document Review for Landlord Prog Act	01OCT97	30SEP98	P DALY												
LLB2040005	1F2A 0A 04 08	Includes Document Review for Landlord Prog Act	01OCT97	30SEP98	P DALY												
LLB2040005	1F2A 0A 04 09	Review Docs for Landlord Program	01OCT98	30SEP98	P DALY												
LLB2049905	1F2A 0A 04 99	Review Docs for Landlord Program	01OCT98	30SEP98	P DALY												
LLB204A005	1F2A 0A 04 0A	Review Docs for Landlord Program	01OCT98	30SEP98	P DALY												
Activity ID																	
Activity Description																	
Early Start																	
Early Finish																	
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B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	Activity Description	Early Start	Early Finish	ICA Manager	FY98	FY99	FY00
FDNW Estimating for Baseline							
LL2059605	1F2 I A A 05 98 Provide LP with Est for Schedule, Cost, Scope	02JAN98	31JUL98	P DALY			
Free Set Aside							
LL2059605	1F2 I A A 05 99 Free Set Aside	01DEC97	30SEP99	P DALY			
LL2059605	1F2 I A A 06 98 Free Set Aside	01DEC97	30SEP98	P DALY			
Final Reg Disposal 300/Outer Area Aband Septic Sys							
Outer Area Aband Septic Sys							
LL335H0105	1F2 I C A A 01 FDNW Support for Outer Area Aband Septic Sys	03NOV97	31JUL98	D DANCH			
LL335H0205	1F2 I C A A 02 Fixed Price Contract for Outer Area Aband Septic	03NOV97	31JUL98	D DANCH			
LL335H0310	1F2 I C A A 03 Comp Final Reg Disposal of Outer Area Aband Sept	01DEC97	30JUL98	D DANCH			
LL335H0405	1F2 I C A A 04 Waste Mgmt Fed Serv Support	01DEC97	30JUL98	D DANCH			
LL335H0505	1F2 I C A A 05 Biological Reviews & HPT Support	01DEC97	29MAY98	D DANCH			
300 Area Aband Septic Sys							
LL335H0605	1F2 I C A A 06 FDNW to Bid FPNW for 300 Area	01DEC97	27MAR98	D DANCH			
LL335H0705	1F2 I C A A 07 CR Reg Disposal of Abandoned Septic System	01DEC97	27MAR98	D DANCH			
LL335H0805	1F2 I C A A 08 FDNW to Provide Design of 300 A Aband Septic	01DEC97	31JUL98	D DANCH			
Outer Area Septic Systems							
LL335H0905	1F2 I C A A 09 FDNW Support on CM, PM & Eng FPNW Contract	02NOV98	31JUL99	D DANCH			
LL335H1005	1F2 I C A A 10 Comp Reg Disposal of Abandoned Septic Sys	03NOV98	29FEB99	D DANCH			
LL335H1105	1F2 I C A A 11 Waste Management Support	01DEC98	31MAR99	D DANCH			
LL335H1205	1F2 I C A A 12 HPT Support	01DEC98	31MAR99	D DANCH			
Exp Supp 231-200 West Area Regional Drainfield							
PM Coord./Test Holes/Report to State							
LL34000105	1F2 I C A A 01 PM Coord, Test Holes, Provide Prel Rpt to State	01OCT97	27FEB98	D DANCH			
LL34000210	1F2 I C A A 02 Submit Preliminary Engineering Report to	03NOV97	30JUN98	D DANCH			
LL34000305	1F2 I C A A 03 HPT Support, Design/Biological Reviews from	03NOV97	30JUN98	D DANCH			
LL34000405	1F2 I C A A 04 Trans of Prelim Eng Report & Definitive Design	03NOV97	30JUN98	D DANCH			
LL34000505	1F2 I C A A 05 BAWH PFP Consultant Eng for Design Reviews	03NOV97	30JUN98	D DANCH			
L281 HPT Support							
LL34000605	1F2 I C A A 06 HPT Support	01OCT98	1DEC98	D DANCH			
L281 B&WH Construction Support							
LL34000710	1F2 I C A A 07 B&WH Const, Eng, Const. Coord.	01OCT98	28MAY99	D DANCH			
LL34000810	1F2 I C A A 08 Support Comp. of Const.	28MAY99	28MAY99	D DANCH			
LL34000910	1F2 I C A A 09 VAFS Perm, Trans. of Eng. Doc. to WSDOH	02NOV98	28MAY99	D DANCH			
L275 Energy Services Personnel Consolidation							
L275 Fixed Price Construction							
LL35000005	1F2 I C A A 00 Construction Fixed Price - FDNW	01OCT97	30SEP98	W HAYES			
LL35000105	1F2 I C A A 01 Complete Construction for Project L-275	01OCT97	30SEP98	W HAYES			
L275 CM, PM, Engineering & Design							
LL35000205	1F2 I C A A 02 FDNW Supp for Const Mgmt, Proj Mgmt, Design	01OCT97	30SEP98	W HAYES			
LL35000310	1F2 I C A A 03 Complete Design for Relocation of MO-292	30JAN98	30JAN98	W HAYES			
LL35000410	1F2 I C A A 04 MO-292 Relocated at 2E Fire Station	30JAN98	30JAN98	W HAYES			
LL35000510	1F2 I C A A 05 Complete & Close Out Project L-275	30JAN98	30JAN98	W HAYES			

Date	Revision	Checked	Approved

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DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

Project Start 910CT97
Project Finish 23SEP98
Data Date 910CT97
Run Date 14SEP97

Brly Bar
Progress Bar

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LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	PBS	Activity Description	Early Start	Early Finish	Manager
L275 Engineering & Construction Support					
LLB5E0105	1F2	1A FE 01 UMSI Engineering During Construction	01OCT197	30JUN98	W HAYES
LLB5E0205	1F2	1A FE 02 FDH to Provide Inspection During Construction	01OCT197	30SEP98	W HAYES
Sanitary Solid Waste Landfill Engineering Study					
Sanitary Solid Waste Landfill					
LLB6C00005	1F2	1A 00 00 Engineering Study for Sanitary Waste Landfill	01OCT197	28AUG98	D DANICH
LLB6C00010	1F2	1A 00 00 Comp Prelim Eng Study for Final Closure of Landfill	01OCT197	28AUG98	D DANICH
Preliminary Engineering Landfill Closure					
LLB6C00015	1F2	1A 00 00 Engineering Plan for Landfill Closure Plan	01OCT197	30SEP98	D DANICH
Exp Suppl 275-279 Overlay Area Fiber Optic Loop					
L273 Cultural/Biological & HPT Utilities					
LLB7C00005	1F2	1A 00 00 Cultural Resource Review/Biological Historical	01OCT197	31DEC97	J DIEBEL
LLB7C00010	1F2	1A 00 01 Scanning	01OCT197	28NOV97	J DIEBEL
L279 HPT Support					
LLB7H01005	1F2	1A 01 00 HPT Support	02JAN98	29MAY98	J DIEBEL
L273 Utilities Support					
LLB7U00005	1F2	1A 02 00 Utilities Support	03NOV97	30JUN98	J DIEBEL
Exp Suppl 286-200E Sanit Water Plant Effluent					
Utilities Operation-Construction Support					
LLB8C00005	1F2	1A 0A 00 Procedures, Construction Support, Migs	01OCT197	30SEP98	J DIEBEL
LLB8C00010	1F2	1A 0A 00 Procedures, Const Support & Turnover, Migs	01OCT198	30APR99	J DIEBEL
LLB8C00105	1F2	1A 0A 01 Prepare Project Proposal (Estimate) FDNW	01OCT197	31OCT197	J DIEBEL
Utilities Engineering					
LLB8E00005	1F2	1A 0E 00 Utilities Engineering Support	01OCT197	30SEP98	J DIEBEL
LLB8E00010	1F2	1A 0E 00 Const Supp, ATP/OT, ECNS Sub, Vendor Files	01OCT198	30APR99	J DIEBEL
LLB8E00105	1F2	1A 0E 01 Excavation Permit Reviews	02MAR98	30APR98	J DIEBEL
HPT Support					
LLB8H00005	1F2	1A 0H 00 HPT Support	03NOV97	30SEP98	J DIEBEL
LLB8H00010	1F2	1A 0H 00 HPT Support (Bargaining Unit and Exempt)	01OCT198	30NOV98	J DIEBEL
LLB8H00105	1F2	1A 0H 01 HPT Support, Bargaining Unit	03NOV97	30SEP98	J DIEBEL
NEPA/Cultural Resource Review					
LLB8N00005	1F2	1A 0N 00 NEPA/Cultural Resource Review	01OCT197	31DEC97	J DIEBEL
Permitting					
LLB8P00005	1F2	1A 0P 00 WDOH Permitting, Fresh Water Discharge Permit/02FEB98	30APR98	J DIEBEL	
Overlay/Seal Roads					
Fixed Price Construction					
LLB9C00005	1F2	1A 0C 00 Issue FF Contract Notice to Proceed for Paving	01APR98	J DIEBEL	
LLB9C00010	1F2	1A 0C 01 Overlay 4N/11A, Chip Seal 4S/Canion, Ball 4th	01APR98	31AUG98	J DIEBEL
LLB9C00015	1F2	1A 0C 01 Comp Overlay of 4N, Portion of RI 4S & RI 1	30SEP98	J DIEBEL	
FDNW Support					
LLB9D00005	1F2	1A 0D 01 FDNW Support for PM, Const Mgmt, &	01OCT197	30SEP98	J DIEBEL
FDH Inspection					
LLB9D00005	1F2	1A 0D 02 FDN Inspection Support for Overlay & Seal of	01APR98	31JUL98	J DIEBEL

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DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

Legend
Early Bar
Progress Bar

Project Start 01OCT97
Project Finish 28SEP98
Data Date 01OCT97
Run Date 18SEP97

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LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Engineering/Estimate for 1999																													
LLB3030005	1F2	IR	0A	03	00	Engn & Est for Overlay & Rd Sealing for 1999	02JAN98	30SEP98	J DIEBEL																				
LLB3030010	1F2	IR	0A	03	00	Complete Engn. and Est. for FY99 Paving	30APR98	J DIEBEL																					
Overlay/Chp Seal																													
LLB5000005	1F2	IR	0A	00	00	Part Chp Seal 4S, Overlay 11A, Chp Seal 2E	01OCT98	31AUG99	J DIEBEL																				
Proj D-424-22 Facility Compliance/Restoration																													
D424, Expense Support																													
LLB1000305	1F5	D	AA	00	00	Expense Support to Complete Project D424	01OCT97	31MAR98	T PITKIN																				
Area Emergency Sirens, Phase II																													
L274 Installation																													
LLG7CR0005	2F2	F	8A	CR	00	Installation of 6 Sirens	03NOV97	15JUN98	J ORIGLER																				
LLG7CR0010	2F2	F	8A	CR	00	Complete Installation & Testing of Phase III	19JUN98	J ORIGLER																					
LLG7GR0015	2F2	F	8A	CR	00	Complete & Close Out Project L274	28AUG98	J ORIGLER																					
L274 Inspection																													
LLG7EE0005	2F2	F	8A	EE	00	Inspection Services from LMSI	03NOV97	30JUN98	J ORIGLER																				
L274, FDNW CM, PM, & Engineering Support																													
LLG7FD0005	2F2	F	8A	FD	00	FDNW Support for Proj Mgmt, Constr Mgmt,	01OCT97	31AUG98	J ORIGLER																				
LLG7FD0010	2F2	F	8A	FD	00	Complete Definitive Design for Phase III	26NOV97	J ORIGLER																					
L274 Procurement																													
LLG7PP0005	2F2	F	8A	PP	00	Contract with SES for Procured Signaling	02JAN98	30JUN98	J ORIGLER																				
Med 94, 88C, 386D, G37, 12907 Agv Life Sup Ambulance																													
Procure Ambulance																													
LLG7PP0005	2F2	F	8B	PP	00	Procure Advanced Life Support Ambulance	01SEP98	30SEP98	W HAYES																				
LLG7PP0010	2F2	F	8B	PP	00	Receive Med 94 Ambulance	30SEP98	W HAYES																					
Multi-Plex Emergency Radio Base Station																													
Install of Radio Base Station																													
LLG7CC0005	2F2	F	8C	CC	00	Install Multi-Plex Emergency Radio Base Station	01SEP98	30SEP98	W HAYES																				
LLG7CC0010	2F2	F	8C	CC	00	Compl Install of Multi-Plex Emergency Radio Base Sta	30SEP98	W HAYES																					
Procure Radio Base Station																													
LLG7PP0005	2F2	F	8C	PP	00	Procure Multi-Plex Emergency Radio Base	03AUG98	31AUG98	W HAYES																				
Engine #94, #88D, #874, Fire Eng Aerial Ladder 50																													
Procure Fire Engine																													
LLG7PP0005	2F2	F	8D	PP	00	Procure Fire Engine Aerial Ladder 50	01SEP98	30SEP98	W HAYES																				
LLG7PP0010	2F2	F	8D	PP	00	Receive Fire Engine #91	30SEP98	W HAYES																					
PNNL Computer Replacement for Radiological Asses																													
PNNL Computer Replacement for Rad Assessments																													
LLG5000005	2F2	F	8E	00	00	PNNL Computer Replacement for Rad	01MAY98	28MAY98	J ORIGLER																				
LLG5000010	2F2	F	8E	00	00	Compl Procurement of PNNL Computer	28MAY98	J ORIGLER																					
UPS for 3719 Building																													
UPS Installation																													
LLG6CR0005	2F2	L	8A	CR	00	Install the UPS System into 3719 Bldg	01OCT97	28AUG98	JAC/DANCH																				
LLG6CR0010	2F2	L	8A	CR	00	Completion of Installation	31JUL98	JAC/DANCH																					

Project Start
01OCT97

Project Finish
01OCT97

Run Date
18SEP97

Early Bar

Progress Bar

01OCT97

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DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

Project Start: 01OCT97
Project Finish: 28SEP98
Data Date: 01OCT97
Run Date: 10/01/97

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**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

B.3.I.B.3.2 PMBS by PBS/Execution Year PMBS

HNF-SP-1242, Rev. 0

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	FDS	Activity Description	Early Start	Early Finish	CA Manager
2286-200-Area San Water Plant Main Sum Remit					
L286 Construction Support					
LLQ4CM0005	4F2	N 8A CM 00	Consr Support for the Fixed Price Contract	01JUL98	30APR99
L286 Fixed Price Construction					
LLQ4PM0005	4F2	N 8A CR 00	Fixed Price Construction Contract	01JUL98	31DEC98
LLQ4GR0010	4F2	N 8A CR 00	Complete Construction for Project L286	28FEB99	J DIEBEL
L286 Definitive Design					
LLQ4DD0005	4F2	N 8A DD 00	Definitive Design Services from FDNW	03NOV97	27FEB98
LLQ4DD0010	4F2	N 8A DD 00	Complete Design for Project L286	24APR98	J DIEBEL
L286 Inspection					
LLQ4IE0005	4F2	N 8A IE 00	Inspection Services from PDH	01JUL98	31MAR99
L286 Field Engineering					
LLQ4FE0005	4F2	N 8A FE 00	Engineering During Constr. Services from FDNW	01APR98	30APR99
L286 Project Management					
LLQ4PM0005	4F2	N 8A PM 00	Project Management Services from FDNW	03NOV97	30APR99
LLQ4PM0010	4F2	N 8A PM 00	Complete and Close Out Project L286	30APR99	J DIEBEL
400-Area Fire Station HVAC Replacement					
Definitive Design					
LLBE000005	1F2	F 9A 00 00	Design HVAC System for 400A Fire Station	01DEC98	26JAN99
FDNW Support CM, PM & Engineering					
LLBE010005	1F2	F 9A 00 00	FDNW Support for Const Mgmt, Proj Mgmt, &	01DEC98	30JUN99
Fixed Price Contract					
LLBE020005	1F2	F 9A 02 00	Fixed Price Construction	02NOV98	31MAR99
200-Area Fire Station Renovation Conceptual Des					
Conceptual Design					
LLBFCD0005	1F2	F 9B CD 00	Conceptual Design for 200A Fire Station Renov	02NOV98	26JAN99
LLBFCD0010	1F2	F 9B CD 00	Complete Conceptual Design	26JAN99	WHAYES
320-Building HVAC/Roo Replacement					
32750 Roofing - FDNW Support					
LLB0J00005	1F2	J 0A 00 00	FDNW Support	01DEC98	28MAY99
LLB0J00105	1F2	J 0A 00 01	Fixed Price Contract	04JAN99	30JUN99
Procure Ambulance & Fire Truck					
Procurement					
LLG7PP0005	2F2	F 9A PP 00	Procure Med 91, 32 Advanced Life Sup & Med	01SEP99	30SEP99
External Dismetry Project					
Procurement					
LLG500005	2F2	F 9B 00 00	Procure External Dismetry	01JUN99	30JUN99
65-Tandem/Manlift					
Procurement					
LLG6PP0005	2F2	F 9C PP 00	Procure 65 Foot Truck & Manlift for Eled Utili	01SEP99	30SEP99

Project Start 9/00/97

Project Finish 2/28/99

Date Data 9/00/97

Run Date 1/18/99

Early Bar

Progress Bar

Project Start 9/00/97

Project Finish 2/28/99

Date Data 9/00/97

Run Date 1/18/99

Early Bar

Progress Bar

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DynCorp Tri-Cities Services, Inc.

Landlord Program

FY 1998 Multi-Year Work Plan

WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.1/B.3.2 PMBS by PBS/Execution Year PMBS

Activity ID	PDS	Activity Description	Early Start	Early Finish	CM Manager
Electrical Equipment					
Procurement:					
LLGDP0003	222	F 90 PP 00 Procure Small Ground Impedance Meter	01MAR99	30JUL99	M HACHE
24KV Switchgear Upgrade					
LLGEC0003	222	F 9E CC 00 Install Switchgear Into Generators	01FEB99	30SEP99	M HACHE
LLGEC0010	222	F 9E CC 00 Complete Installation of Switchgear	30SEP99	30SEP99	M HACHE
Procurement:					
LLGEP0003	222	F 9E PP 00 Procure Switchgear for 300 Area Generators	04JAN99	29JAN99	M HACHE
LLGEP0010	222	F 9E PP 00 Complete Procurement	29JAN99	29JAN99	M HACHE
2270-200 Area Fire Station Renovation					
2270-Pkcd/Price Construction					
LLGGR0003	422	F 9B CR 00 FP Construction	01SEP99	31MAY00	W HAYES
LLGGR0010	422	F 9B CR 00 Complete Construction	31MAY00	31MAY00	W HAYES
2270-Definitive Design					
LLGDD0003	422	F 9B DD 00 Definitive Design	01FEB99	28MAY99	W HAYES
LLGDD0010	422	F 9B DD 00 Complete Design	28MAY99	28MAY99	W HAYES
2270 Inspection					
LLGIF0003	422	F 9B FE 00 Inspection	03MAY99	31MAY00	W HAYES
2270 PM, CM, and Engineering					
LLGPM0003	422	F 9B PM 00 Proj Mgmt, Const Mgmt & Engr for 200A Fire	01FEB99	28SEP99	W HAYES
300-Area Sanitary Systems Replacement					
CH, PM, Engineering and Contract Support:					
LLCOT0003	422	N 9C PD 00 CM, PM Eng & FP Contract Support from FDMV	02NOV98	30SEP99	D DANCH
Inspection					
LLCOT0003	422	N 9C FE 00 Inspection Support from FDIH	03MAY99	30SEP99	D DANCH
2488 Met Station Sewer & Water					
2288 P.M., CM, Engineering and Contract Support:					
LLVSC0003	422	N 9B CR 00 Proj Mgmt, Const Mgmt, & engr Support from	02NOV98	30SEP99	D DANCH
Inspection					
LLVSE0003	422	N 9B EE 00 Inspection Support from FDIH	01MAR99	30JUL99	D DANCH

Project Start
01OCT97

Project Finish
23SEP00

Date Data
01OCT97

Run Date
18SEP97

Early Bar

Progress Bar

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Issue

Revision

Checked/Approved

01

02

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DynCorp Tri-Cities Services, Inc.
Landlord Program
FY 1998 Multi-Year Work Plan

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LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

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B.3.3 Milestone List (RL, DOE-HQ, EA)

ADS Number Activity Description	Baseline Date	Milestone Type	Milestone Number	FY 1998												FY 1999													
				O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		
7661-0 Disposition Equipment	08/31/98	RL	LLP-98-110																										
7661-0 Disposition Equipment	09/1/99	RL	LLP-99-115																										
7661-0 Complete Shutdown of the 200 East Area Powerhouse	03/21/98	RL	LLP-98-120																										
7661-0 Complete Shutdown of the 300 Area Powerhouse	06/23/98	RL	LLP-98-125																										
7662-0 Complete Annual Multi-Year Work Plan	08/30/98	RL	LLP-98-001																										
7662-0 Complete Annual Multi-Year Work Plan	08/30/99	RL	LLP-99-001																										
7662-0 Complete Final Regulatory Disposition of 300 Area Abandoned Septic System	03/27/98	RL	LLP-98-150																										
7662-0 Complete Final Regulatory Disposition of Outer Area Abandoned Septic Systems	07/31/98	RL	LLP-98-155																										
7662-0 Complete Phase III of Area Emergency Sirens	06/19/98	RL	LLP-98-160																										
7662-0 Complete Construction for Project L-275, "Emergency Services Personnel Consolidation"	09/30/98	RL	LLP-98-170																										
7662-0 Complete Sanitary Solid Waste Landfill Engineering Study	08/29/98	RL	LLP-98-200																										
7662-0 Complete Construction for Project L-279, "Infrastructure Fiber Loop, Outer Area"	09/30/98	RL	LLP-98-210																										
7662-0 Complete Installation and Testing for 3719 Building UPS	07/31/98	RL	LLP-98-212																										
7662-0 Complete Design for Project L-286, "200 East Area Sanitary Water Plant Effluent Stream Reduction"	04/24/98	RL	LLP-98-215																										
7662-0 Complete Construction for Project L-272, "200 East Area Central Core GPF Sanitary Sewer System Replacement"	01/31/98	RL	LLP-98-205																										
7662-0 Complete Construction for Project L-286, "200 East Area Sanitary Water Plant Effluent Stream Reduction"	02/28/99	RL	LLP-99-220																										
7662-0 Complete Design for Project L-281, "200 West Area Regional Drainfield"	07/10/98	RL	LLP-98-217																										
7662-0 Complete Construction for Project L-281, "200 West Area Regional Drainfield"	05/09/99	RL	LLP-99-225																										
7662-0 Complete Road Overlays and Sealings	09/30/98	RL	LLP-98-220																										
7680-3 Complete Construction, Project B-604, "Water System Upgrade -Reservoir" (HQ# 90-D-175)	04/30/97	RL	LLP-97-020																										
7680-11 Complete Construction, Project D-424, "324 Facility Compliance/Renovation" (HQ# 93-D-454)	01/01/98	RL	LLP-97-019																										
Milestone Type:																													

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WBS 1.5**

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B.3.3 Milestone List (RL, DOE-HQ, EA)

Milestone (M/S) Type	M/S Control Number	WBS Number	ADS Number	Milestone Description	Due Date
RL	LLP-98-110	1.5.1.1.1.4	7661-0	Disposition Equipment	08/31/98
RL	LLP-99-115	1.5.1.1.1.4	7661-0	Disposition Equipment	09/10/99
RL	LLP-98-120	1.5.1.1.1.7	7661-0	Complete Shutdown of the 200 East Area Powerhouse	05/21/98
RL	LLP-98-125	1.5.1.1.1.7	7661-0	Complete Shutdown of the 300 Area Powerhouse	06/23/98
RL	LLP-98-001	1.5.1.1.2.1	7662-0	Complete Annual Multi-Year Work Plan	08/30/98
RL	LLP-99-001	1.5.1.1.2.1	7662-0	Complete Annual Multi-Year Work Plan	08/30/99
RL	LLP-98-150	1.5.1.1.2.3	7662-0	Complete Final Regulatory Disposition of 300 Area Abandoned Septic System	03/27/98
RL	LLP-98-155	1.5.1.1.2.3	7662-0	Complete Final Regulatory Disposition of Outer Area Abandoned Septic Systems	07/31/98
RL	LLP-98-160	1.5.1.1.2.6	7662-0	Complete Phase III of Area Emergency Sirens	06/19/98
RL	LLP-98-170	1.5.1.1.2.6	7662-0	Complete Construction for Project L-275, "Emergency Services Personnel Consolidation"	09/30/98
RL	LLP-98-200	1.5.1.1.2.7	7662-0	Complete Sanitary Solid Waste Landfill Engineering Study	08/29/98
RL	LLP-98-210	1.5.1.1.2.8	7662-0	Complete Construction for Project L-279, "Infrastructure Fiber Loop, Outer Area"	09/30/98
RL	LLP-98-212	1.5.1.1.2.8	7662-0	Complete Installation and Testing for 3719 Building UPS	07/31/98
RL	LLP-98-215	1.5.1.1.2.9	7662-0	Complete Design for Project L-286, "200 East Area Sanitary Water Plant Effluent Stream Reduction"	04/24/98
RL	LLP-98-205	1.5.1.1.2.9	7662-0	Complete Construction for Project L-272, "200 East Area Central Core GPF Sanitary Sewer System Replacement"	01/31/98
RL	LLP-99-220	1.5.1.1.2.9	7662-0	Complete Construction for Project L-286, "200 East Area Sanitary Water Plant Effluent Stream Reduction"	02/28/99
RL	LLP-98-217	1.5.1.1.2.9	7662-0	Complete Design for Project L-281, "200 West Area Regional Drainfield"	07/10/98
RL	LLP-99-225	1.5.1.1.2.9	7662-0	Complete Construction for Project L-281, "200 West Area Regional Drainfield"	05/30/99
RL	LLP-98-220	1.5.1.1.2.4	7662-0	Complete Road Overlays and Sealings	09/30/98
RL	LLP-97-020	1.5.1.1.2.9	7680-3	Complete Construction, Project B-604, "Water System Upgrade - Reservoir" (HQ# 90-D-175)	04/30/97
RL	LLP-97-019	1.5.1.1.2.7	7680-11	Complete Construction, Project D-424, "324 Facility Compliance/Renovation" (HQ# 95-D-454)	01/31/98

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: DISPOSITION EQUIPMENT			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNACORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 8/31/98	
PBS No: RL-TP13				
MC #: LLP-98-110		TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Complete disposition of regulated equipment as follows: Characterize and disposition Multi-Purpose Transfer Box (MPTB) HO-10A-19370; Characterize and disposition General Purpose Burial Box (GPBB) HO-10A-19308; Complete Well/Cask Cars Characterization Strategy.</p>				
<p>Description of what constitutes completion of this milestone: The GPBB and MPTB dispositioning will be complete upon obtaining signatures on the Acceptance of Completed Work, which will include copies of the signed acceptance from the Low Level Waste Burial Ground signifying burial of the contaminated equipment. The Well/Cask Cars Characterization Strategy will be complete when the plan is approved by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative DynCorp: Environmental Science Technical Representative</p>				

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: DISPOSITION EQUIPMENT			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.I.1			Due Date: 9/10/99	
PBS No: RL-TP13				
NC #: LLP-99-115		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Complete disposition of one Well/Cask Car.</p>				
<p>Description of what constitutes completion of this milestone: Signed Acceptance of Completed Work (ACW), which includes signed acceptance from the Low Level Waste Burial Grounds signifying burial of contaminated elements of the Well/Cask Car. The ACW is to be signed by the following: DOE-RL: Representative of Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative DynCorp: Environmental Science Technical Representative</p>				

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE SHUTDOWN OF THE 200 EAST AREA POWERHOUSE			Date: 8/14/97		
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:		
Program WBS Designator: 1.5.1.1			Due Date: 5/21/98		
PBS No: RL-TPI3					
MC #: LLP-98-120		TPA No:		Rev: 0	
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Shutdown and deactivate the 284 East Powerhouse within 120 working days of receiving written direction from RL-SID to do so. This milestone currently assumes a starting date of December 1, 1997.</p>					
<p>Description of what constitutes completion of this milestone: Acceptance of Completed Work signed by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, Utilities DynCorp: Landlord Project Technical Representative</p>					

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE SHUTDOWN OF THE 300 AREA POWERHOUSE			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNACORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 6/23/98	
PBS No: RL-TP13				
MC #: LLP-98-125		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Shutdown and deactivate the 300 Area Powerhouse within 120 working days of receiving written direction from RL-SID to do so. This milestone assumes a starting date of January 5, 1998.</p>				
<p>Description of what constitutes completion of this milestone: Acceptance of Completed Work signed by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, Utilities DynCorp: Landlord Project Technical Representative</p>				

**LANDLORD PROJECT
WBS 1.5**

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE ANNUAL MULTI-YEAR WORK PLAN				Date: 8/11/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 8/30/98	
PBS No: RL-TP13					
MC #: LLP-98-001			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) MULTI-YEAR WORK PLAN	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: The Multi-Year Work Plan is the program baseline document for Fiscal Year 1999.</p>					
<p>Description of what constitutes completion of this milestone: Transmit Multi-Year Work Plan by letter to the director of FDH Infrastructure and Security and RL's Site Infrastructure Division by August 30, 1998.</p>					

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WBS 1.5**

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE ANNUAL MULTI-YEAR WORK PLAN			Date: 8/20/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 8/30/99	
PBS No: RL-TP13				
MC #: LLP-99-001		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) MULTI-YEAR WORK PLAN	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: The Multi-Year Work Plan is the program baseline document for Fiscal Year 2000.</p>				
<p>Description of what constitutes completion of this milestone: Transmit Multi-Year Work Plan by letter to the Director of FDH Infrastructure and Security and RL's Site Infrastructure Division by August 30, 1999. Obtain FDH and RL approval for work authorization prior to the beginning of FY 2000.</p>				

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WBS 1.5**

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE FINAL REG. DISPOSITION OF 300 AREA ABANDONED SEPTIC SYS.				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 3/27/98	
PBS No: RL-TP13					
MC #: LLP-98-150			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Regulatorially disposition the Abandoned 300 Area Septic System to meet Washington Administrative Codes. This work includes complete isolation of the septic tank, destruction of all pathogens, and filling the tank with soil. The septic tank waste water trench will be abandoned in place and requires no further action.</p>					
<p>Description of what constitutes completion of this milestone: Acceptance of Completed Work signed by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, 300 Area Sanitary Systems DynCorp: Landlord Project Technical Representative</p>					

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WBS 1.5**

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMP. FINAL REG. DISPOSITION OF OUTER AREA ABANDONED SEPTIC SYS.				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 7/31/98	
PBS No: RL-TP13					
MC #: LLP-98-155			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACW AND MASTER PLAN UPDATE	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Regulatorially disposition five abandoned septic systems in the outer areas (100, 200, 400 and 600 Areas) to meet Washington Administrative Codes. This work includes complete isolation of the septic tanks by pumping out all septage and filling the tanks with soil. All septic tank waste water drainfields will be abandoned in place and require no further action. Also, update the 200/600 Area Sanitary Waste Water Master Plan (WHC-SD-LL-SP-001) and issue revised document to FDH and the DOE-RL for transmittal to the Washington State Department of Ecology (Ecology).</p>					
<p>Description of what constitutes completion of this milestone: Acceptance of Completed Work signed by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, Utilities DynCorp: Landlord Project Technical Representative Also, transmittal of revised 200/600 Area Sanitary Waste Water Master Plan to FDH and DOE-RL for transmittal to Ecology.</p>					

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WBS 1.5**

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE PHASE III OF AREA EMERGENCY SIRENS			Date: 8/20/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 6/19/98	
PBS No: RL-TP13				
MC #: LLP-98-160		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
Milestone Description: Complete installation and testing of the Phase III Area Emergency Sirens along the Columbia River and in the 400 Area.				
Description of what constitutes completion of this milestone: Acceptance of Completed Work signed by the following: DOE-RL: Representative for the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager of Emergency Preparedness DynCorp: Landlord Project Technical Representative				

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT L-275			Date: 8/20/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 9/30/98	
PBS No: RL-TP13				
MC #: LLP-98-170		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Relocate existing modular office complex (M0-292) to the west of the 200 Area Fire Station Complex (609A/C), including all site preparation work. Also, convert modular office 609G into the Respirator Protection Maintenance and Overhaul Turnaround Shop, which includes relocation of the compressor system currently located in 609A.</p>				
<p>Description of what constitutes completion of this milestone: Completion of this project will include M0-292 ready for occupancy by Emergency Services Personnel, 609G renovated to accept compressor equipment located in 609A, and equipment from 609A installed and operational in the renovated 609G. Two separate Acceptance of Completed Work forms (one for M0-292 Occupancy, and one for 609G conversion/operations) signed by the following: DOE-RL: Representative from Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Chief, Hanford Fire Department or Designee DynCorp: Landlord Project Technical Representative</p>				

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE SANITARY SOLID WASTE LANDFILL ENGINEERING STUDY				Date: 8/20/98	
Assigned To: LANDLORD FUNDING				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 8/29/98	
PBS No: RL-TP13					
MC #: LLP-98-200			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ ☒ DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) ☒ Other (Specify) ENGINEERING STUDY	ADDRESS TO: DOE-HQ ☒ DOE-RL ☒ Other (Specify) FDH DIRECTOR OF INF. & SEC.	
Milestone Description: Complete preliminary engineering (evaluation of alternatives) study for the final closure of the Hanford Sanitary Solid Waste Landfill.					
Description of what constitutes completion of this milestone: Transmittal of final engineering study by letter from the FDH Director of Infrastructure and Security to the DOE-RL Director of the Site Infrastructure Division.					

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT L-279, FIBER LOOP-OUTER AREA				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 9/30/98	
PBS No: RL-TP13					
MC #: LLP-98-210		TPA No:		Rev:	
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) OAC, SECTIONS I AND II	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
Milestone Description: Complete construction for Project L-279, 'Infrastructure Fiber Loop, Outer Area.'					
Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Sections I and II, signed and dated by the following: DOE-RL: Representative for the Project Management Division DOE-RL: Representative for the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative					

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE INSTALLATION AND TESTING OF 3719 BUILDING UPS			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNACORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 7/31/98	
PBS No: RL-TP13				
MC #: LLP-98-212		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Completion of installation of an uninterruptable power supply (UPS) to provide backup power for vital electrical components within the 3719 Building.</p>				
<p>Description of what constitutes completion of this milestone: The UPS system installed and tested verifying system operability. Acceptance of Completed Work to be signed by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Chief Information Officer FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative LMSI: 3719 Building Manager or Designee</p>				

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE DESIGN FOR PROJECT L-286				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 4/24/98	
PBS No: RL-TP13					
MC #: LLP-98-215			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) COMPLETED DESIGN AND EOT	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Complete design for Project L-286, '200 East Area Sanitary Water Plant Effluent Stream Reduction.'</p>					
<p>Description of what constitutes completion of this milestone: Approval of Engineering Data Transmittal by the following releasing the Professional Engineer stamped drawings and specifications: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Design Authority DynCorp: Landlord Project Technical Representative</p>					

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B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT L-272				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 1/31/98	
PBS No: RL-TP13					
MC #: LLP-98-205			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
X DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) OAC, SECTIONS I AND II	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Complete construction for Project L-272, '200 East Central Core GPF Sanitary Sewer System Replacement'.</p>					
<p>Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Section I and II, signed and dated by the following: DOE-RL: Representative for the Project Management Division DOE-RL: Representative for the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative</p>					

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNH-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT L-286			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 2/28/99	
PBS No: RL-TP13				
MC #: LLP-99-220		TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) OAC, SECTIONS I AND II	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Complete construction for Project L-286, '200 East Area Sanitary Water Plant Effluent Stream Reduction.'</p>				
<p>Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Sections I and II, signed by the following: DOE-RL: Representative from the Project Management Division DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, Utilities DynCorp: Landlord Project Technical Representative</p>				

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE DESIGN FOR PROJECT L-281			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 7/10/98	
PBS No: RL-TP13				
MC #: LLP-98-217		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) COMPLETED DESIGN AND EDT	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Complete design for Project L-281, '200 West Area Regional Drainfield.'</p>				
<p>Description of what constitutes completion of this milestone: Approval of Engineering Data Transmittal by the following releasing the Professional Engineer stamped drawings and specifications: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Design Authority DynCorp: Landlord Project Technical Representative</p>				

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT L-281				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 5/30/99	
PBS No: RL-TP13					
MC #: LLP-99-225			TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) OAC, SECTIONS I AND II	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Complete construction for Project L-281, '200 West Area Regional Drainfield.'</p>					
<p>Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Section I and II, signed and dated by the following:</p> <p>DOE-RL: Representative from the Project Management Division DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Manager, Utilities DynCorp: Landlord Project Technical Representative</p>					

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE ROAD OVERLAYS AND SEALINGS			Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP			CIN:	
Program WBS Designator: 1.5.1.1			Due Date: 9/30/98	
PBS No: RL-TP13				
MC #: LLP-98-220		TPA No:		Rev: 0
MILESTONE LEVEL: DOE-HQ X DOE-RL DOE-FO CONTRACTOR	MILESTONE TYPE: EA PEG OTHER	DNFSB STATUS: DNFSB (Y/N): N COMMIT #: RECOMM #:	DELIVERABLE: Report Letter Drawing(s) X Other (Specify) ACCEPTANCE OF COMPLETED WORK	ADDRESS TO: DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.
<p>Milestone Description: Complete overlay of Route 4 North (both lanes) between Route 11A and Route 1N (approximately 4 miles) and chip seal approximately 5 miles of Route 4S south of the Wye Barricade (4 lanes).</p>				
<p>Description of what constitutes completion of this milestone: Approval of the Acceptance of Completed Work by the following: DOE-RL: Representative from the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee Dyncorp: Director of Logistics Dyncorp: Landlord Project Technical Representative</p>				

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION FOR PROJECT B-604, WATER SYS. UPGRADE-RES.				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 4/30/97	
PBS No: RL-TP13					
MC #: LLP-97-020			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ DOE-RL X DOE-FO CONTRACTOR	EA PEG X OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) OAC, SECTION I	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Complete construction for Project B-604, 'Water System Upgrade -Reservoir.'</p>					
<p>Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Section 1, signed and dated by the following: DOE-RL: Representative for the Project Management Division DOE-RL: Representative for the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative Construction is acceptable with noted exceptions that do not preclude the operations and function of the project.</p>					

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.3.4 Milestone Description Sheets

PHMC

MILESTONE DESCRIPTION SHEET

Title: COMPLETE CONSTRUCTION (D-424)				Date: 8/14/97	
Assigned To: LANDLORD PROJECT-DYNCORP				CIN:	
Program WBS Designator: 1.5.1.1				Due Date: 1/31/98	
PBS No: RL-TP13					
MC #: LLP-97-019			TPA No:		Rev: 0
MILESTONE LEVEL:	MILESTONE TYPE:	DNFSB STATUS:	DELIVERABLE:	ADDRESS TO:	
DOE-HQ X DOE-RL DOE-FO CONTRACTOR	EA PEG OTHER	DNFSB (Y/N): N COMMIT #: RECOMM #:	Report Letter Drawing(s) X Other (Specify) OAC, SECTION I	DOE-HQ X DOE-RL X Other (Specify) FDH DIRECTOR OF INF. & SEC.	
<p>Milestone Description: Complete construction for Project D-424, '324 Facility Compliance/Renovation.' Note: Baseline change request LPM-096-003 modified the milestone date from 9/30/97 to 1/31/98 due to long-lead procurement problems resulting from funding reductions.</p>					
<p>Description of what constitutes completion of this milestone: Completion of Official Acceptance of Construction, Section I, signed and dated by the following: DOE-RL: Representative for the Project Management Division DOE-RL: Representative for the Site Infrastructure Division FDH: Director of Infrastructure and Security or Designee DynCorp: Landlord Project Technical Representative Construction completion is acceptable with noted exceptions that do not preclude the operations and function of the project.</p>					

4.0 COST BASELINE

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.1 Life Cycle Cost Baseline by PBS

LANDLORD PROJECT
SUMMARY OF LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY
BY PROJECT BASELINE SUMMARY (PBS)
FY 1998

(\$000s)

PROJECT WBS: 1.5												SUBTOT
PBS TITLE	PBS NO	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	FY1997- FY2006
Landlord Project	RL-TP13	11,037	13,712	13,862	24,588	47,669	40,863	25,626	20,215	32,203	38,982	268,767
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TOTAL BCWS/PMB¹		11,037	13,712	13,862	24,588	47,669	40,863	25,626	20,215	32,203	38,982	268,767

¹Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover is NOT Included.

FY 1998

PROJECT WBS :	1.5
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[illegible]

B.4.1 Life Cycle Cost Baseline by PBS

HNF-SP-1242, Rev. 0

LANDLORD PROJECT
WBS 1.5

(\$000s)

[illegible]

HNF-SP-1242, Rev. 0

B.4.2 Life Cycle Budget Authority (B/A) by PBS

LANDLORD PROJECT
WBS 1.5

B.4-3

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.2 Life Cycle Budget Authority (B/A) by PBS

PROJECT WBS : 1.5												
TOTAL		FY1997-	FY2046	FY2041-	FY2036	FY2031-	FY2026-	FY2021-	FY2016-	FY2011-	FY2007-	FY2007-
PBS TITLE		PBS NO	FY2010	FY2015	FY2020	FY2025	FY2030	FY2035	FY2040	FY2045	FY2050	FY2050
Landlord Project		RL-TP13	88,000	75,000	50,000	50,000	50,000	55,550	61,000	47,700	30,239	29,900
TOTAL			756,643									

(\$000s)

FY 1998

LANDLORD PROJECT
SUMMARY OF LIFE CYCLE BUDGET AUTHORITY (B/A) BY YEAR BY
BY PROJECT BASELINE SUMMARY (PBS)

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.3 Life Cycle Cost Baseline by Year by Fund Type by PBS

LANDLORD PROJECT
LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY FUND TYPE
BY PROJECT BASELINE SUMMARY (PBS)
FY 1998

(\$000s)

PROJECT WBS:		1.5.1.1									
PBS NO:		RL-TP13									
PBS TITLE:		LANDLORD PROJECT									
FUND TYPE	FY1997	FY1998	FY1999	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005	FY2006	SUBTOT FY1997-FY2006
OPERATING EXPENSE	5,989	8,628	7,925	15,568	10,669	29,863	20,126	11,715	17,203	24,982	162,668
CENRTC	1,758	2,167	2,882	4,840	2,000	5,000	2,500	3,500	5,000	6,000	35,647
GENERAL PLANT PROJECT	3,290	2,458	3,055	4,180	5,000	6,000	3,000	5,000	10,000	8,000	60,013
LINE ITEM (List Each One)											
Sanitary Solid Waste Landfill Cap					30,000						30,000
Project D-424		629									629
Subtotal Line Items		629			30,000						30,629
TOTAL BCWS/PMB ¹	11,037	13,712	13,862	24,588	47,669	40,863	25,626	20,215	32,203	38,982	268,757
MGMT RESERVE ²											
LINE ITEM CONTINGENCY ³											
OFFSITE TRANSFERS ³											
Subtotal											
TOTAL	11,037	13,712	13,862	24,588	47,669	40,863	25,626	20,215	32,203	38,982	268,757

¹Budgeted Cost of Work Scheduled (BCWS) Equals Performance Measurement Baseline (PMB); Expense Carryover NOT Included.

²Management Reserve and Line Item Contingency Held by RL.

³Work Performed at Sites Other Than Hanford.

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.3 Life Cycle Cost Baseline by Year by Fund Type by PBS

LANDLORD PROJECT
LIFE CYCLE COST BASELINE (BCWS) BY YEAR BY FUND TYPE
BY PROJECT BASELINE SUMMARY (PBS)
FY 1998

PROJECT WBS:		1.5.1.1		(\$000s)							TOTAL
PBS NO:		RL-TP13									
PBS TITLE:		LANDLORD									
FUND TYPE	FY2007-FY2010	FY2011-FY2015	FY2016-FY2020	FY2021-FY2025	FY2026-FY2030	FY2031-FY2035	FY2036-FY2040	FY2041-FY2045	FY2046-FY2050	FY1997-FY2050	
OPERATING EXPENSE	51,920	44,250	29,500	28,000	28,500	30,000	25,000	24,000	25,000	438,738	
CENRTC	16,720	12,000	11,000	9,000	9,500	11,000	8,000	5,500	4,900	123,267	
GENERAL PLANT PROJECT	19,360	18,750	9,500	13,000	17,550	20,000	14,700	629	-	163,702	
LINE ITEM (List Each One)											
Sanitary Solid Waste Landfill Cap	-	-	-	-	-	-	-	-	-	30,000	
Project D-424										629	
										-	
										-	
Subtotal Line Items	-	-	-	-	-	-	-	-	-	30,629	
TOTAL BCWS/PMB ¹	88,000	75,000	50,000	50,000	55,550	61,000	47,700	30,329	29,900	756,236	
MGMT RESERVE ²											
LINE ITEM CONTINGENCY ²											
OFFSITE TRANSFERS ³										-	
Subtotal	-	-	-	-	-	-	-	-	-	-	
TOTAL	88,000	75,000	50,000	50,000	55,550	61,000	47,700	30,329	29,900	756,236	

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

B.4.4 Execution Year Cost Baseline by Month by PBS by ADS

HNF-SP-1242, Rev. 0

LANDLORD PROJECT
FY 1998 COST BASELINE (BCWS) BY MONTH
BY PROJECT BASELINE SUMMARY (PBS)
BY ACTIVITY DATA SHEET (ADS)
EXECUTION YEAR

(\$000s)

PROJECT WBS: 1.5															
PBS NO: RL-TP13															
PBS TITLE: LANDLORD PROJECT															
ADS TITLE	ADS NO	FUND TYPE	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
INFRASTRUCTURE MORTGAGE REDUCTION (Including RL Contracts)	7661-0	OP EXP	70	94	454	397	443	544	547	308	147	128	128	45	3,303
		CENRTC	-	-	-	-	-	-	-	-	-	-	-	-	-
		GPP	-	-	-	-	-	-	-	-	-	-	-	-	-
		LI	-	-	-	-	-	-	-	-	-	-	-	-	-
		SUBTOT	70	94	454	397	443	544	547	308	147	128	128	45	3,303
CORE INFRASTRUCTURE MAINTENANCE	7662-0	OP EXP	272	392	512	251	228	482	349	466	810	585	384	495	5,186
		CENRTC	30	56	44	237	222	34	172	185	111	220	122	734	2,167
		GPP	226	180	153	77	382	72	75	77	276	212	252	506	2,486
		LI	-	-	-	-	-	-	-	-	-	-	-	-	-
		SUBTOT	528	628	709	565	832	569	596	728	1,197	997	768	1,735	9,841
PROJECT B-404, "WATER SYSTEM UPGRADE - RESERVOIR"	7668-3	OP EXP	-	-	-	-	-	-	-	-	-	-	-	-	-
		CENRTC	-	-	-	-	-	-	-	-	-	-	-	-	-
		GPP	-	-	-	-	-	-	-	-	-	-	-	-	-
		LI	-	-	-	-	-	-	-	-	-	-	-	-	-
		SUBTOT	-	-	-	-	-	-	-	-	-	-	-	-	-
PROJECT B-424, "224 FACILITY COMPLIANCE/ RENOVATION"	7668-11	OP EXP	6	7	7	7	7	5	-	-	-	-	-	-	39
		CENRTC	-	-	-	-	-	-	-	-	-	-	-	-	-
		GPP	-	-	-	-	-	-	-	-	-	-	-	-	-
		LI	84	83	82	62	-	-	-	-	-	-	-	218	529
		SUBTOT	90	90	89	69	7	5	-	-	-	-	-	218	568
TOTAL BCWS/PMB			698	812	1,252	1,051	1,202	1,117	1,143	1,056	1,344	1,125	894	1,954	12,712

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.4.1 FY 1998 Landlord Project Integrated Priority List

1998 LANDLORD PROJECT INTEGRATED PRIORITY LIST

ADS	Description	FY 1998	RL Manager	FDH Manager
7680-11	Project D-424, "324 Facility Compliance/Renovation," (Expense Support)*	39	Rutherford	Harper
7662-0	Program Management*	720	Rutherford	Harper
7662-0	Land Use Planning/Asset Conversion*	660	Rutherford	Harper
7662-0	Mapping Services	432	Rutherford	Harper
7662-0	FDH Fee	875	Rutherford	Harper
7662-0	Sanitary Solid Waste Landfill Engineering Study (prep for FY 2001 line item)	130	Rutherford	Harper
7661-0	Radiologically Contaminated Equipment (Railcar Disposition)	1083	Rutherford	Harper
7661-0	Utilities for Vacant GPFs	150	Rutherford	Harper
7662-0	Med 94, 68G-3860/G31 12907 Advanced Life Support Ambulance (1989)	175	Veitenheimer	Harper
7662-0	Overlay/Seal Roads	1041	Rutherford	Harper
7661-0	Vacant GPF Facilities Demolition	0	Rutherford	Harper
7662-0	Area Emergency Sirens, Phase III	830	Veitenheimer	Harper
7662-0	Mobile Tactical Incident Command Unit	0	Veitenheimer	Harper
7661-0	Surveillance & Maintenance of GPFs	170	Rutherford	Harper
7662-0	Project L-279, "Outer Area Fiber Optic Loop"	979	Rutherford	Sterling
7662-0	L-286, "200 East Area Sanitary Water Plant Effluent Stream Reduction"	1430	Rutherford	Harper
7662-0	UPS for 3719 Building	225	Rutherford	Sterling
7662-0	Emergency Services Personnel Consolidation (Project L-275)	849	Veitenheimer	Harper
7662-0	Emergency Services Vehicles Consolidation (Project L-276)	0	Veitenheimer	Harper
7662-0	Multi-Plex Emergency Radio Base Station	135	Veitenheimer	Harper
7662-0	L-281, "200 West Area Regional Drainfield"	1126	Rutherford	Harper
7662-0	Final Regulatory Disposition of 300 Area Abandoned Septic System	79	Rutherford	Harper
7662-0	PNNL Computer Replacement for Radiological Assessments	40	Roselli	Harper
7661-0	Shutdown of Remaining Steam Plants (284E and 384)	1900	Rutherford	Harper
7661-0	Isolation/Shutdown/Maintenance of Vacant GPF Facilities	0	Rutherford	Harper
7662-0	Final Regulatory Disposition of Outer Area Abandoned Septic System	111	Rutherford	Harper
7662-0	Engine #91, 68D-3871, Fire Engine Aerial Ladder 50' (1978)	535	Veitenheimer	Harper
FY 1998 Funding Level		13714		

PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT
3 DIGIT CONTRACTOR IDENTIFIER-PR-001

Revision 0

AVERAGE ANNUAL FULL TIME EQUIVALENTS

(includes Major Subcontractors but not Enterprise Companies)

Submittal Date: September 1997

PHBS 1.5

BS Numb	PBS Title	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
RL-TP13	LANDLORD PROJECT	30.5	19.4	21.7	21.2	20.8	21.4	21.2	20.8	20	19.8

Total PBS FTEs 30.5 19.4 21.7 21.2 20.8 21.4 21.2 20.8 20 19.8

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.5 Staffing

**PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT
3 DIGIT CONTRACTOR IDENTIFIER-PR-001**

Revision 0

FY 1998 FULL TIME EQUIVALENTS BY COCS, BY MONTH

Total FY 1998 ECWS \$M: 13.7 (Includes Major Subcontractors but not Enterprise Companies)

Submit Date: September 1997

PHBS 1.5

TOTAL FY 1998 ECWS \$13.7M														
COGS	Title	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
G000	Crafts	4	7	10.7	11.7	12.1	12.6	12.5	11.9	11.9	2.9	9	6	7.4
G010	Carpenters	1	3	3	1	3	4	3	2	3	0	3	3	2
G020	Electricians	0	1	7	9	1	1.1	1.5	1.1	1.1	3	3	1	7
G030	Heating Air-Conditioning and Refrigeration Mechanics (HVAC)													0
G040	Mechanics													0
G050	Masons													0
G060	Millwrights	2	2	5	6	6	7	5	5	4	2	2	1	4
G070	Painters	1	1	2	1	1	4	2	1	1	1	1	1	1
G080	Plumbers and Pipefitters													0
G090	Structural and Metal Workers			9.0	10.0	10.0	10.0	10.0	10.0	10.0	2.3			5.9
G100	Vehicle and Mobile Equipment Mechanics													0
G110	Welders													0
G120	Other Crafts													0
E000	Engineers	5.4	5.5	12.5	12.5	12.4	12.9	12.7	12.6	12.5	10.4	10.6	9.0	10.8
E010	Chemical Engineers													0
E020	Civil Engineers													0
E040	Electrical Engineers													0
E050	Environmental Engineers	2.0	2.1	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.1	2.0	2.0
E060	Industrial Engineers	1.1	1.1	1.1	1.2	1.1	1.1	1.4	1.1	1.1	1.1	1.2	1.1	1.1
E070	Mechanical Engineers													0
E080	Nuclear Engineers													0
E090	Petroleum/Mining Engineers													0
E100	Plumbers	2.0	2.0	9.0	9.0	9.0	9.1	9.0	9.2	9.0	7.0	7.0	5.5	7.2
E110	Quality Assurance/Control Engineers													0
E120	Surveyors													0
E130	Other Engineers	3	3	4	3	3	5	3	3	4	3	3	4	3
E140	Construction Engineers													0
G000	General Administrative, Secretarial & Clerical Support	0	0	0	0	0	0	0	0	0	0	0	0	0
G010	Administrative Assistants													0
G020	Office Clerks (General)													0
G030	Office Clerks (Specialized)													0
G040	Secretaries													0
G050	Typist and Word Processors													0
G060	Other General Administrative, Secretarial and Clerical Support													0
L000	Laborers and General Service Workers	1.4	1.6	2.2	2.7	2.5	2.5	2.5	2.6	2.5	2.2	1.3	1.0	2.1
L010	Firefighters													0
L020	Food Service Workers													0
L030	Janitors and Cleaners													0
L040	Laundry Workers													0
L050	Handlars, Helpers and Laborers (General)													0
L060	Handlars, Helpers and Laborers (Specialized)	7	8	7	9	7	7	7	7	8	7	7	8	7
L070	Light Vehicle Drivers	7	8	1.5	1.8	1.8	1.8	1.8	1.8	1.8	1.5	1.5	1.5	1.3
L080	Security Guards													0
L090	Other Laborers and General Services Workers													0
M000	Gen Mgrs, Exec, 1st Line Supervisor & Program Mgrs	2.5	2.6	2.5	2.5	2.9	2.5	2.5	2.7	2.5	2.6	2.6	2.6	2.6

LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.5 Staffing

PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT
3 DIGIT CONTRACTOR IDENTIFIER-PR-001

Revision 0

FY 1998 FULL TIME EQUIVALENTS BY COCS, BY MONTH

Total FY 1998 BCWS \$M: 13.7 (Includes Major Subcontractors but not Enterprise Companies)

PHBS 1.5

Submit Date: September 1997

TOTAL FY 1998 BCWS \$13.7M														
COCS	Title	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
M010	First Line Supervisors	2.0	2.1	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0
M020	General Managers and Executives	.5	.5	.5	.5	.7	.5	.5	.7	.5	.5	.6	.5	.5
M030	Project and Program Managers													
M040	Other Managers													
P000	Professional Administrative & Related Occupations	2.8	2.8	3.2	3.2	3.2	3.2	3.2	3.1	3.1	2.9	2.9	2.9	3.0
P010	Accountants and Auditors	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
P020	Architects													
P030	Buyers, Procurement and Contracting Specialists													
P040	Communications Specialists													
P050	Compliance Inspectors													
P060	Computer Systems Analysts													
P070	Cost Estimators and Planners and Schedulers													
P080	Health Physicists													
P090	Industrial Hygienists													
P100	Lawyers													
P110	Personnel and Labor Relations Specialists													
P120	Physicians													
P130	Physician Assist, Nurses & Oth Medical Supt Occup'ns													
P140	Safeguards and Other Security Specialists	.0	.0	.4	.4	.4	.4	.4	.3	.3	.1	.1	.1	.2
P150	Trainers													
P160	Technical Writers, and Editors													
P170	Other Administrative & Professional Other Occupations													
R000	Operators	1.8	1.8	2.9	4.0	4.2	4.5	4.5	4.6	4.0	2.9	1.8	1.6	3.2
R010	Chemical System Operators													
R020	Dillers													
R030	Material Moving Equipment Operators													
R040	Nuclear Plant Operators													
R050	Nuclear Waste Process Operators	.2	.2	.4	.5	.6	.5	.5	.6	.5	.4	.3	.2	.4
R060	Production Systems Operators													
R070	Utilities Operators	1.6	1.6	2.5	3.5	3.6	4.0	4.0	4.0	3.5	2.5	1.5	1.4	2.8
R080	Other Operators													
S000	Scientists	.6	.6	.6	.7	.6	.6	.6	.7	.7	.7	.7	.6	.6
S010	Chemists													
S020	Environmental Scientists													
S030	Geologists	.6	.6	.6	.7	.6	.6	.6	.7	.7	.7	.7	.6	.6
S040	Life Scientists													
S050	Materials Scientists													
S060	Mathematicians													
S070	Physicists													
S080	Social Scientists													
S090	Other Scientists													
S100	Computer Scientists													
T000	Technicians	.0	.8	.9	.8	.8	.9	.9	.8	.8	.9	.8	.9	.8
T010	Computer Operator/Coders													
T020	Drafters													

PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT

3 DIGIT CONTRACTOR IDENTIFIER-PR-001

Revision 0

FY 1998 FULL TIME EQUIVALENTS BY COCS, BY MONTH

Total FY 1998 BCWS \$M: 13.7 (Includes Major Subcontractors but not Enterprise Companies)

Submittal Date: September 1997

PHBS 1.5

TOTAL FY 1998 BCWS \$13.7M

COCS	Title	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
T030	Engineering Technicians													.0
T040	Environmental Sciences Technicians													.0
T050	Health Physics Technicians	.0	.8	.9	.8	.8	.9	.9	.8	.8	.9	.8	.9	.8
T060	Industrial Safety and Health Technicians													.0
T070	Instrument and Control Technicians													.0
T080	Laboratory Technicians													.0
T090	Media Technicians													.0
T100	Survey and Mapping													.0
T110	Other Technicians													.0
Total		14.9	16.4	35.5	38.1	38.7	39.7	39.4	39.0	38.0	25.5	21.6	19.2	30.5

B.4.5 Staffing

FY 1998 Work Plan

LANDLORD PROJECT
WBS 1.5

HNF-SP-1242, Rev. 0

PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT

3 DIGIT CONTRACTOR IDENTIFIER-PR-001

Revision 0

TEN YEAR FULL TIME EQUIVALENTS BY COCS

(Includes Major Subcontractors but not Enterprise Companies)

B-4.5 Staffing

FY 1998 Work Plan

LANDLORD PROJECT
WBS 1.5

HNF-SP-1242, Rev. 0

PHBS 1.5

Submittal Date: September 1997

Each Year's BCWS \$M

COCS	Title	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
C000	Crafts	7.4	3.1	4.8	4.6	4.7	5.0	4.8	4.9	4.5	4.5
C010	Carpenters	0.2									
C020	Electricians	0.7									
C030	Heating Air-Conditioning and Refrig Mechanics (HVAC)	0.0									
C040	Machinists	0.0									
C050	Masons	0.0									
C060	Millwrights	0.4									
C070	Painters	0.1									
C080	Plumbers and Pipefitters	5.9									
C090	Structural and Metal Workers	0.0									
C100	Vehicle and Mobile Equipment Mechanics	0.0									
C110	Welders	0.0									
C120	Other Crafts	0.0									
E000	Engineers	10.8	8.0	8.5	8.4	8.2	8.5	8.4	8.3	8.2	8.2
E010	Chemical Engineers	0.0									
E020	Civil Engineers	0.0									
E040	Electrical Engineers	0.0									
E050	Environmental Engineers	2.0									
E060	Industrial Engineers	1.1									
E070	Mechanical Engineers	0.0									
E080	Nuclear Engineers	0.0									
E090	Petroleum/Mining Engineers	0.0									
E100	Plant Engineers	7.2									
E110	Quality Assurance/Control Engineers	0.0									
E120	Safety Engineers	0.0									
E130	Other Engineers	0.3									
E140	Construction Engineers	0.0									
G000	General Admin, Secretarial & Clerical Support	0.0	0.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
G010	Administrative Assistants	0.0									
G020	Office Clerks (General)	0.0									
G030	Office Clerks (Specialized)	0.0									
G040	Secretaries	0.0									
G050	Typist and Word Processors	0.0									
G060	Other General Admin, Secretarial and Clerical Support	0.0									
L000	Laborers and General Service Workers	2.1	0.3	0.5	0.5	0.4	0.3	0.5	0.4	0.2	0.2
L010	Firefighters	0.0									
L020	Food Service Workers	0.0									
L030	Janitors and Cleaners	0.0									
L040	Laundry Workers	0.0									
L050	Handlers, Helpers and Laborers (General)	0.0									
L060	Handlers, Helpers and Laborers (Specialized)	0.7									
L070	Light Vehicle Drivers	1.3									

B-4-13

LANDLORD PROJECT WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

B.4.5 Staffing

PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT 3 DIGIT CONTRACTOR IDENTIFIER-PR-001

Revision 0

TEN YEAR FULL TIME EQUIVALENTS BY COCS

(Includes Major Subcontractors but not Enterprise Companies)

PHBS 1.5		Each Year's BCWS \$M										Submital Date: September 1997				
COCs		FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007					
L080	Security Guards	0.0														
L090	Other Laborers and General Services Workers	0.0														
M000	Gen Mgrs, Exec, 1st Line Suprv'r & Prog/Proj Mgrs	2.6	2.1	2.0	2.2	2.1	2.2	2.3	2.1	2.0	1.9					
M010	First Line Supervisors	2.0														
M020	General Managers and Executives	0.5														
M030	Project and Program Managers	0.0														
M040	Other Managers	0.0														
P000	Professional Administrative & Related Occupations	3.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5					
P010	Accountants and Auditors	2.8														
P020	Architects	0.0														
P030	Buyers, Procurement and Contracting Specialists	0.0														
P040	Communications Specialists	0.0														
P050	Compliance Inspectors	0.0														
P060	Computer Systems Analysts	0.0														
P070	Cost Estimators and Planners and Schedulers	0.0														
P080	Health Physicists	0.0														
P090	Industrial Hygienists	0.0														
P100	Lawyers	0.0														
P110	Personnel and Labor Relations Specialists	0.0														
P120	Physicians	0.0														
P130	Physician Assist, Nurses & Oth Medical Supt Occup'tns	0.0														
P140	Safeguards and Other Security Specialists	0.0														
P150	Trainers	0.0														
P160	Technical Writers, and Editors	0.0														
P170	Other Administrative & Professional Other Occupations	0.0														
R000	Operators	3.2	2.0	1.8	1.5	1.5	1.5	1.4	1.4	1.3	1.3					
R010	Chemical System Operators	0.0														
R020	Drillers	0.0														
R030	Material Moving Equipment Operators	0.0														
R040	Nuclear Plant Operators	0.0														
R050	Nuclear Waste Process Operators	0.0														
R060	Production Systems Operators	0.0														
R070	Utilities Operators	2.8														
R080	Other Operators	0.0														
S000	Scientists	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6					
S010	Chemists	0.0														
S020	Environmental Scientists	0.0														
S030	Geologists	0.6														
S040	Life Scientists	0.0														
S050	Materials Scientists	0.0														
S060	Mathematicians	0.0														
S070	Physicists	0.0														

**PROJECT HANFORD BREAKDOWN STRUCTURE LANDLORD PROJECT
3 DIGIT CONTRACTOR IDENTIFIER-PR-001**

Revision 0

TEN YEAR FULL TIME EQUIVALENTS BY COCS

(Includes Major Subcontractors but not Enterprise Companies)

PHBS 1.5

Submittal Date: September 1997

Each Year's BCWS \$M

		\$13.7	\$13.4	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0	\$22.0
COCS	Title	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007
S080	Social Scientists	0.0									
S090	Other Scientists	0.0									
S100	Computer Scientists	0.0									
T000	Technicians	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.5	0.6	0.5
T010	Computer Operator/Coders	0.0									
T020	Drafters	0.0									
T030	Engineering Technicians	0.0									
T040	Environmental Sciences Technicians	0.0									
T050	Health Physics Technicians	0.8									
T060	Industrial Safety and Health Technicians	0.0									
T070	Instrument and Control Technicians	0.0									
T080	Laboratory Technicians	0.0									
T090	Media Technicians	0.0									
T100	Survey and Mapping	0.0									
T110	Other Technicians	0.0									
Total		30.5	19.4	21.7	21.2	20.8	21.4	21.2	20.8	20.0	19.8

B.4.5 Staffing

FY 1998 Work Plan

**LANDLORD PROJECT
WBS 1.5**

HNF-SP-1242, Rev. 0

B.4.15

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Administration	2. Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.1	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope would include administrative activities associated with reducing site mortgages, such as monitoring, planning, reporting and baseline management.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Business Systems	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.2	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This workscope would include projects related to reducing site mortgages by replacing business systems and components that are antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs.</p> <p>Currently, there are no planned projects in FY 1998.</p>			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Infrastructure Mortgage Reduction - Sewer	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.3	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope would include projects related to reducing site mortgages by replacing sewer equipment and components that are antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs. Currently, there are no planned projects in FY 1998.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Roads/Rail/Heavy Equipment	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.4	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Supports workscope for Hanford Site roadways, rail systems, and heavy equipment related to the reduction of mortgages to the site. Includes the funding of disposition for legacy equipment not traceable to any one program, or to defunct programs. Road work will emphasize the resurfacing of existing roads prior to structural damage occurring, thus reducing the need for large capital outlay projects.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Equipment Disposition	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.4A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This scope dispositions RCRA non-compliant and radiologically contaminated rail equipment managed by the contractor for DOE-RL. The objective of the project is to bring the non-compliant equipment in compliance with RCRA regulations and to develop and implement the final dispositioning of these equipment pieces.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Electrical Distribution	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.5	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope would include projects related to reducing site mortgages by replacing electrical distribution equipment that is antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs. Also, this activity would include the removal of legacy equipment and cable which would be sold for salvage value. Currently, there are no planned projects in FY 1998.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNH-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Emergency Facilities/Services	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.6	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope would include projects related to reducing site mortgages by replacing emergency facilities/services equipment and components that are antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs. Currently, there are no planned projects in FY 1998.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Facilities/Shops/PNNL Laboratories	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.7	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope includes mortgage reduction activities to reduce the number of occupied general purpose facilities on the Hanford Site. This includes isolating the facilities from all utilities in a cost cutting effort, thereby reducing the necessary surveillance costs. In cases where the fire protection systems must be maintained after the facility is vacated, the utility costs are included in this activity. The buildings can then be transitioned to the demolition program or can be redeployed to private entities.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Utilities, Surveillance and Maintenance	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.7A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This WBS of the Hanford Landlord Program provides for the shutdown and isolation of unoccupied general purpose facilities. This WBS also includes a portion of the utility costs for vacant facilities required to maintain fire protection systems. This project is driven by the site mission of cleanup, federal and state laws concerning management and exposure to hazardous materials and conditions (OSHA 29 Code of Federal Regulations 1926.58 and Washington Administrative Code 296-62-077), and transition of real estate for other uses. The infrastructure age and initial "temporary" nature of facilities to support the Manhattan Project has resulted in generally deteriorated conditions and inefficient systems. This activity supports providing a safe workplace that is free from fatalities and serious accidents, and continuously reduces injuries and adverse health effects.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Shutdown of Remaining Steam Plants	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.7C	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Shutdown and isolation of the 284E and 384 Steam Plants supports the award of the energy savings performance contract. These facilities will be shutdown and isolated in FY 1998 to support demolition at a later date.			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Infrastructure Mortgage Reduction - Telecommunications	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.8	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This workscope would include projects related to reducing site mortgages by replacing telecommunications equipment that is antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs. Also, this activity would include removal of legacy equipment and cable, which would be sold for salvage value.</p> <p>Currently, there are no planned projects in FY 1998.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Infrastructure Mortgage Reduction - Water	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.1.9	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
<p>10. Scope of Work</p> <p>This workscope would include projects related to reducing site mortgages by replacing water equipment and components that are antiquated and expensive to maintain. Where possible, this equipment would be replaced by energy saving equipment, thereby saving the entire site incremental costs.</p> <p>Currently, there are no planned projects in FY 1998.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Administration	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.1	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Support entire Landlord Program in planning and reporting efforts throughout the fiscal year. Also supports Land Use Planning and Asset Conversion activities.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Program Management	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.1A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This WBS of the Hanford Landlord Program provides program integration activities for the Landlord Program and in support of the Hanford Site. Funding is required to ensure the site wide infrastructure is adequately managed. To safely fulfill the present and future mission requirements at the Hanford Site, a sound basic infrastructure to maintain essential services is necessary. Infrastructure is defined as "the basic facilities, equipment, and installations needed in order for the systems/operations of the Hanford Site to properly function".			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Inf. Maint. - Land Use/Planning/ Asset Conversion/Mapping Services	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.1B	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Specific activities of the Land Use Planning/Asset Conversion function include: a) site selection for individual construction projects; b) site plans for major complexes and end-state land use plans within each operating area at Hanford; c) comprehensive land use planning for the overall site including integration with other site wide plans such as environmental, strategic, systems engineering, environmental, biological, ecologic/cultural, infrastructure, demolition, economic development/transition/asset conversion, site restoration, facility use/upgrades, safety, security, coordination of construction schedules, excavation permit approval, etc. c activities of the Land Use Planning/Asset Conversion function include: a) site selection for individual construction projects; b) site plans for major complexes and end-state land use plans within each operating area at Hanford; c) comprehensive land use planning for the overall site including integration with other site wide plans such as environmental, strategic, systems engineering, environmental, biological, ecologic/cultural, infrastructure, demolition, economic development/transition/asset conversion, site restoration, facility use/upgrades, safety, security, coordination of construction schedules, excavation permit approval, etc. Activities for mapping services include the base system maintenance and operations.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Business Systems	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.2	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work No workscope is currently planned in FY 1998 or 1999.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Sewer	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.3	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This activity replaces failing sanitary sewer systems. These sanitary sewer systems are beyond their useful life and do not meet current regulatory requirements. The replacements will be made according to WHC 246-272 and the priorities set in WHC-SD-LL-SP-001, "200/600 Area Sanitary Waste Water Master Plan," March 1996.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-272	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.3E	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work During FY 1997, this activity began the replacement of the septic systems in the central core of 200 East Area which have failed or are failing and do not meet current regulatory requirements. These systems are beyond their useful life and are required to support the 200 Area cleanup and waste management activities. The replacement will be made according to WAC 246-272 and the priorities set in WHC-SD-LL-SP-001, "200/600 Area Sanitary Waste Water Master Plan," March 1996.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Roads/Rail/Heavy Equipment	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.4	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope includes the overlay or chip seal of existing road surfaces, as well as replacement of essential railroad and heavy equipment on the Hanford Site. These are common access roads and general rail and equipment not particularly related to any one program. Completing the activities associated with this scope extends the life cycle of the current essential infrastructure systems significantly reducing the possibility of complete overhauls and replacements at a much greater cost.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Overlay/Seal Roads	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.4A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope includes the overlay and/or chip seal of existing road surfaces on the Hanford Site. These are common access roads not dedicated to any one program. Completing the activities associated with this scope extends the life cycle of the current roadways and significantly reduces the need for new roadways to be built at a much greater cost. Road work will emphasize the resurfacing of existing roads prior to structural damage occurring, thus reducing the need for large capital outlay projects.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Electrical Distribution	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.5	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope will provide essential repairs, replacements, and/or upgrades to the site electrical distribution system.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Emergency Facilities/Services	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This activity provides for essential equipment and facilities for emergency services.			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

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**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Project L-274, Area Emergency Sirens	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>Project L-274, Area Emergency Sirens provides five Hanford Site Emergency Alert Sirens installed along the Columbia River and one in the 400 Area. Each siren will be a stand alone solar power unit including a control panel and battery pack assembly, consisting of self-contained electronic siren stations. These stations will provide imminent hazard warning to personnel on the Hanford Site and adjacent areas of the littoral Columbia River. The sirens will enhance alerting employees and public to potential hazards and reduce risk to ensure that exposure won't exceed applicable standards. The specification also describes the radio frequency link, mounting structures, solar charging system, control systems, and associated hardware and software necessary to provide imminent hazard warning.</p>			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Advanced Life Support Ambulance	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6E	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp - Hanford Fire Department	9. B & R No. EW7070201		
10. Scope of Work Advanced Life Support Ambulance supports site emergency medical response and is one of only six ambulances on the Hanford site. This ambulance was manufactured in 1989 and is over the Federal Replacement Standards (CFR 101-38.402) by two years. This unit is undersized for Advanced Life Support care of patients.			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

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**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Multi-Plex Emergency Radio Base Station	2 Date July 1997	3. PBS Number RL-IP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6F	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp - Hanford Fire Department	9. B & R No. EW7070201		
10. Scope of Work This workscope encompasses the procurement and installation of a multi-plex two way radio base station in the Hanford Fire Department's dispatch center, which correct a long standing deficiency in their emergency communications system. The multi-plex system consists of radio transmitters that are compatible with the ten mutual aid agencies that the Hanford Fire Department provides emergency services to.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Fire Engine Aerial Ladder (50')	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6G	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp - Hanford Fire Department	9. B & R No. EW7070201		
10. Scope of Work This activity replaces a 1978 fire engine which is one of only four aerial fire engines on the Hanford Site. This piece of equipment should have been replaced eleven years ago according to the federal replacement standard CFR 101-38.402.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-275	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.6H	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp - Hanford Fire Department	9. B & R No. EW7070201		
10. Scope of Work This activity relocates an existing modular office complex to the east of the 200 Area fire station to allow consolidation of the Hanford Site Emergency Services Administration and Training function. This allows the renovation of the existing over crowded and deteriorated 200 Area fire station in FY 1999.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Facilities/Shops/PNNL Laboratories	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.7	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope includes mortgage reduction activities to reduce the number of occupied general purpose facilities on the Hanford Site. This includes isolating the facilities from all utilities in a cost cutting effort, thereby reducing the necessary surveillance costs. In cases where the fire protection systems must be maintained after the facility is vacated, the utility costs are included in this activity. The buildings can then be transitioned to the demolition program or can be redeployed to private entities.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Sanitary Solid Waste Landfill Eng. Study	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.7A	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Provides necessary preliminary engineering to support a FY 2001 line item project. The sanitary landfill was closed during 1996. Closure of a landfill requires a closure plan be implemented within 180 days (Washington Administrative Code and Environmental Protection Agency Act). An interim closure plan was developed in late FY 1996, however the Washington State Department of Ecology disapproved it due to the amount of water discovered in the landfill monitoring wells.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - PNNL Computer Repl. for Radiological Assessments	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.7B	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name PNNL	9. B & R No. EW7070201		
10. Scope of Work <p>This replaces a 10 year old system and is essential for generating the data used to estimate the amounts of radioactive material in the Hanford workers as part of the overall program to demonstrate compliance with the regulatory exposure limits in 10 CFR 835. Recent system failures have resulted in the measurement data for up to five persons being completely lost. The current system is not economically repairable.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Telecommunications	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.8	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This workscope includes maintaining the current essential infrastructure related to the site telecommunications systems. In FY 1997 and 1998 this activity installs a new fiber optic backbone for the Hanford Site telecommunication system. This new system will replace the obsolete and failing Hanford Site microwave systems. The fiber optic system is necessary to carry emergency signals, essential electrical distribution switching signals, and other vital Hanford Site electronic data. The Hanford Site depends on the telecommunication system to carry on the day-to-day activities related to the Environmental cleanup and waste management.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-273	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.8B	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>Telecommunications infrastructure is needed to support the overall missions of the site including waste management, site cleanup, and energy research and development. Specifically, this project replaces the current antiquated microwave communications on the Hanford Site. The current microwave system is beyond its useful life and does not provide a reliable backup to the main telecommunication system as required by state and federal codes and standards.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-279	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.8C	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp - Hanford Fire Department	9. B & R No. EW7070201		
10. Scope of Work Telecommunications infrastructure is needed to support the overall missions of the site including waste management, site cleanup, and energy research and development. Specifically, this project replaces the current antiquated microwave communications on the Hanford Site. The current microwave system is beyond its useful life and does not provide a reliable backup to the main telecommunication system as required by state and federal codes and standards. This project connects vital telecommunication systems for the outer area (100 and 200 Areas).			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - UPS for 3719 Building	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.8D	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This project upgrades the existing uninterruptable-power supply (UPS) system to the 3719 Building electrical system. The UPS is a necessary backup system for telephone, HLAN, and priority telecommunications in the event of an electrical outage. Loss of power to these telecommunication systems would eliminate vital telecommunication links for emergency signals, data transmissions, and other Hanford Site related functions.</p>			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Water	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope maintains and replaces essential site water system equipment and components.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-286	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9C/D	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work Installs booster pump(s) in interconnection line between the 200 East and 200 West Water System, the 200 East Clearwell level and pump controls, the 200 East and 200 West Water Treatment Plants (WTPs) automated fire water control system, 200E filters isolation and lay up, 283 E/W raw water inlet automated control, and remote annunciation of the 200 Area WTPs. This project will eliminate the majority of water discharged to the unlined trench while meeting domestic water and fire protection requirements for the outer area.			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Project L-281	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9A/B	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This project replaces the non-compliant and failing systems at the Plutonium Finishing Plant (PFP) and 200 West Area Tank Farms Operations Facility (272-WA) in the central 200 West Area. These systems have required accelerated pumping and additional maintenance to minimize sewage discharges to the ground. The DOE has made commitments to Washington State Department of Ecology (WSDOE) to bring non-compliant septic systems into compliance with state regulations (Master Plan WHC-SD-LL-SP-001, dated April 15, 1996).</p>			

**LANDLORD PROJECT
WBS 1.5**

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

**HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5**

1. Activity Title: Core Infrastructure Maintenance - Project L-288	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9F	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This capital small project will provide the engineering, inspection, and construction for a replacement fire protection water line and sanitary sewer tie-in for the meteorological station facilities near the 200 West Area. The project includes approximately 2,000 linear feet of 12-inch pressurized sewer line to the 3,400 linear feet of 2-inch pressurized sewer line to the existing meteorological station. The current septic system does not meet current Washington State environmental regulations (WAC 246-272, "Onsite Sewage Systems"). Also, the current fire protection line to these facilities comes directly off the 200 West export water line, which is not energy efficient and requires a higher pressure be maintained on the export water line.</p>			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

HNF-SP-1242, Rev. 0

HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY
LANDLORD
WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-289	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9G	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work This workscope fixes the water drainage problem on Baltimore Avenue in the 200 East Area that was caused by construction activities during the past two years. This capital small project will design and install a storm water drainage system to meet safety and environmental requirements.			

LANDLORD PROJECT
WBS 1.5

FY 1998 Work Plan

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HANFORD SITE WORK BREAKDOWN STRUCTURE DICTIONARY

LANDLORD

WBS: 1.5

1. Activity Title: Core Infrastructure Maintenance - Project L-278	2 Date July 1997	3. PBS Number RL-TP13	4. Dict. Rev. 0
5. Contract WBS No. 1.5.1.1.2.9J	6. Corresponding FDS No.	7. Baseline CR No.	
8. Organization Name DynCorp Operations	9. B & R No. EW7070201		
10. Scope of Work <p>This activity installs a water tie-line between the 200 Area fire station a backup water source and connects the 200 East and West water systems together providing alternate ways to supply water to each area and flexibility in operating the 200 East and West water plants. This project will provide the necessary engineering and construction to complete this small project.</p>			