



# American Recovery and Reinvestment Act of 2009

## Department of Defense Expenditure Plans

March 20, 2009



UNDER SECRETARY OF DEFENSE

1100 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1100

MAR 20 2009

COMPTROLLER

The Honorable Ike Skelton  
Chairman, Committee on Armed Services  
U.S. House of Representatives  
Washington, DC 20515

Dear Mr. Chairman:

The American Recovery and Reinvestment Act of 2009, Public Law 111-5 (hereinafter referred to as the Recovery Act), will stimulate economic growth by creating millions of jobs through investments in infrastructure improvements and expanding energy research that will lead the way toward energy independence for our country.

To implement the Recovery Act, the Department of Defense has identified specific investments in construction, facility improvements, and energy efficiency projects that will help improve the quality of life for our troops and their families. Improvements in the Defense infrastructure also will result in improved readiness to meet the national security challenges of the 21st century. As required by Division A, Title X of the Recovery Act, Enclosure 1 provides the Secretary's expenditure plan for \$2.3 billion of military construction and family housing construction projects funded under this Act.

Additionally, the Department is accelerating its notification to Congress requested by provisions of the Conference Report accompanying Division A, Title III of the Recovery Act, which request that the Secretary of Defense provide a project list for the Facilities Sustainment, Restoration, and Modernization (FSRM) projects funded under this Act. The report at Enclosure 1 provides over 3,300 FSRM projects with an estimated cost of \$3.4 billion. This represents about 80% of the total FSRM funds appropriated to DoD. As the remaining FSRM projects are finalized, the Department will provide subsequent notifications to the Congress.

This letter further provides the Congress, pursuant to sections 2807, 2811, and 2914 of Title 10, United States Code, with notification that the Department will be pursuing architectural and engineering services greater than \$1 million for 5 projects (Enclosure 2), conducting repair projects greater than \$7.5 million for 56 projects (Enclosure 3), and carrying out 45 Energy Conservation Investment Program projects (Enclosure 4), respectively. The Department will ensure any statutory notice and wait periods are followed before obligating funds provided under the Recovery Act.

The enclosed report represents the Department's current plan, and it will amend the plan if significant changes occur during implementation. The Department of Defense appreciates the continued support of the Congress for Defense facility and infrastructure programs. Similar letters have been sent to the chairmen and ranking members of the House Armed Service Committee and the Committees on Appropriations of the House and Senate.

Sincerely,

A handwritten signature in cursive script that reads "Robert F. Hale".

Robert F. Hale

Enclosures:  
As stated

cc:  
The Honorable John M. McHugh  
Ranking Member



COMPTROLLER

UNDER SECRETARY OF DEFENSE

1100 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1100

MAR 20 2009

The Honorable Carl Levin  
Chairman, Committee on Armed Services  
United States Senate  
Washington, DC 20510

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Enclosures:  
As stated

cc:  
The Honorable John McCain  
Ranking Member



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WASHINGTON, DC 20301-1100

MAR 20 2009

COMPTROLLER

The Honorable David R. Obey  
Chairman, Committee on Appropriations  
U.S. House of Representatives  
Washington, DC 20515

Dear Mr. Chairman:

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Enclosures:  
As stated

cc:  
The Honorable Jerry Lewis  
Ranking Member



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1100 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1100

MAR 20 2009

COMPTROLLER

The Honorable Daniel K. Inouye  
Chairman, Committee on Appropriations  
United States Senate  
Washington, DC 20510

Dear Mr. Chairman:

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Additionally, the Department is accelerating its notification to Congress requested by provisions of the Conference Report accompanying Division A, Title III of the Recovery Act, which request that the Secretary of Defense provide a project list for the Facilities Sustainment, Restoration, and Modernization (FSRM) projects funded under this Act. The report at Enclosure 1 provides over 3,300 FSRM projects with an estimated cost of \$3.4 billion. This represents about 80% of the total FSRM funds appropriated to DoD. As the remaining FSRM projects are finalized, the Department will provide subsequent notifications to the Congress.

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Robert F. Hale

Enclosures:  
As stated

cc:  
The Honorable Thad Cochran  
Ranking Member

**Enclosure 1**

# Executive Summary

## Background

The **American Recovery and Reinvestment Act of 2009 (Recovery Act)**, Public Law 111-5, is an unprecedented effort to revitalize the U.S. economy, create or save millions of jobs, and put a down payment on addressing long-neglected challenges so our country can thrive in the 21<sup>st</sup> century. With much at stake, the Act provides for unprecedented levels of transparency and accountability so that the public will be able to know how, when, and where tax dollars are being spent.

## Department of Defense (DoD) Implementation

The Recovery Act includes approximately \$7.4 billion in Defense-related appropriations, which accounts for less than 1 percent of the total \$787 billion stimulus package signed on February 17, 2009, by President Obama. The Department intends to spend this funding with unprecedented full transparency and accountability.

A website, [www.Recovery.gov](http://www.Recovery.gov), is the main vehicle to provide every citizen with the ability to monitor the progress of the recovery. The DoD also has a website: <http://www.defenselink.mil/recovery>, which links to [Recovery.gov](http://www.Recovery.gov).

As stated on [www.Recovery.gov](http://www.Recovery.gov), the purpose of the Recovery Act is to create and save jobs, jumpstart our economy, address unfunded facility requirements, and build the foundation for long-term economic growth. In order to fulfill these objectives, the DoD intends to spend its funds as quickly as possible in the following categories:

- \$4.2 billion in Operation and Maintenance accounts to improve, repair, and modernize DoD facilities, including energy-related improvements
- \$1.3 billion in military construction for hospitals
- \$240 million in military construction for child development centers
- \$100 million in military construction for warrior transition complexes
- \$535 million for other military construction projects, such as housing for the troops and their families, energy conservation, and National Guard facilities
- \$300 million to develop energy-efficient technologies
- \$120 million for the Energy Conservation Investment Program (ECIP)
- \$555 million for a temporary expansion of the Homeowner's Assistance Program (HAP) benefits for private home sale losses of both DoD military and civilian personnel
- \$15 million for DoD Inspector General oversight and audit of Recovery Act execution

The Military Construction and Operation and Maintenance Appropriations provided through the Recovery Act are available for obligation through the end of fiscal year 2013 and fiscal year 2010, respectively.

The Recovery Act funding addresses some of the unique challenges faced by American service members because of their voluntary commitment to serve our nation. Specific investment in military construction will provide stimulus to the economy while helping to improve the quality of life for our troops and their families. In addition to providing much needed facility improvements, the Recovery Act also provides more funding to achieve higher levels of energy efficiency and enhance important energy research programs so that the DoD can continue to lead the way in the national effort to achieve greater energy independence.

## **Reporting Requirements**

### Division A, Title X – Military Construction and Veterans Affairs and Related Agencies

This report addresses the Division A, Title X requirements of the Recovery Act, which provide that not later than 30 days after the date of enactment of the Act, the Secretary of Defense shall submit to the Committees on Appropriations of both Houses of Congress an expenditure plan for funds provided under the following headings:

- Military Construction, Army,
- Military Construction, Navy and Marine Corps
- Military Construction, Air Force
- Military Construction, Defense-Wide
- Military Construction, Army National Guard
- Military Construction, Air National Guard
- Family Housing Construction, Army
- Family Housing Construction, Air Force

Division A, Title X of the Recovery Act also addresses the Homeowners Assistance Fund, which has separate reporting requirements that are not included in this report.

Though not directed in the Act, this report also includes a list of the Army and Air Force Family Housing Operation and Maintenance funded projects. These projects provide for maintenance and repair and minor construction projects to improve the living conditions of our military members and their families. These projects will be listed in Section II of this report.

*Section I* provides the project lists and expenditure plans for Military Construction and Family Housing Construction.

## Division A, Title III – Department of Defense

This report supports the primary goal of the Recovery Act, which is to quickly execute projects to create and retain jobs by accelerating the fastest executing projects. These projects also sustain or restore the existing inventory of facilities that serve as the foundation for the many Defense functions needed to defend this nation.

Division A, Title III of the Recovery Act provides \$4.24 billion of funds for Facilities Sustainment, Restoration, and Modernization (FSRM). Of these funds, \$400 million is planned to improve Defense Health Program funded facilities. In addition, \$175 million is planned to repair and renovate Army barracks, which exceeds the \$153.5 million identified in the Conference Report accompanying the Recovery Act. Division A, Title III also provides \$300 million for near-term energy efficiency technology demonstrations and research. The Department's report includes the plans for funding improvements in energy generation and efficiency, transmission, regulation, storage, and for use on military installations and within operational forces.

The Conference Report accompanying the Recovery Act also requests that not later than 60 days after enactment of the Act, the Department provide the congressional defense committees with a project listing of how the funds in the following Division A, Title III headings will be obligated:

- Operation and Maintenance, Army
- Operation and Maintenance, Navy
- Operation and Maintenance, Marine Corps
- Operation and Maintenance, Air Force
- Operation and Maintenance, Army Reserve
- Operation and Maintenance, Navy Reserve
- Operation and Maintenance, Marine Corps Reserve
- Operation and Maintenance, Air Force Reserve
- Operation and Maintenance, Army National Guard
- Operation and Maintenance, Air National Guard
- Research, Development, Test and Evaluation, Army
- Research, Development, Test and Evaluation, Navy
- Research, Development, Test and Evaluation, Air Force
- Research, Development, Test and Evaluation, Defense-Wide
- Defense Health Program

*Section II* provides the project lists for Operation and Maintenance (O&M) funded FSRM (including Defense Health Program, as well as \$20 million in Family Housing O&M provided in Division A, Title X), which have been identified and approved to date. As the remaining projects are finalized, they will be provided in subsequent report(s) to Congress.

*Section III* provides the planned use for Research, Development, Test and Evaluation funded near-term energy efficiency technology demonstrations and research.

## **Project Selection**

The Recovery Act specified Military Construction to be funded under various categories such as child development centers, troop housing, etc. Within those categories, the Department selected validated priority projects based on several factors, primarily operational need and the ability to obligate funds quickly. Further, DoD considered the degree of its compliance with legal requirements within the National Environmental Policy Act (NEPA) and the acquisition strategy in determining how quickly a project could be executed.

For the FSRM funding identified in the Recovery Act, the Department selected projects based primarily on the following criteria: (1) mission requirements, (2) quality of life impact, (3) NEPA documentation status, and (4) acquisition strategy, with a focus on ability to execute quickly. In addition, the Department included repair and modernization projects for facilities that are currently vacant, which potentially could be occupied by troops returning from Iraq or Afghanistan.

This report represents the Department's current plan. During the implementation of these projects, if significant events occur that impact on attainment of one or more projects requiring a change, the Department will amend its plan accordingly.

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# Section I

## Military Construction & Family Housing Construction

This section includes an expenditure plan for the Military Construction and Family Housing Construction projects to be funded under Division A, Title X of the Recovery Act. The project list is organized by project category and State. Categories reflect the priorities by which the Congress appropriated the funds (e.g., child development centers, warrior transition complexes, etc.).

The Military Construction and Family Housing Construction funded projects are summarized by the following appropriated categories (\$ in thousands):

Component	ARRA	Expenditure Plan
<b>Army</b>	<b>264,507</b>	<b>264,507</b>
Child Development Centers	80,000	80,000
Warrior in Transition	100,000	100,000
Family Housing Construction	34,507	34,507
Army National Guard	50,000	50,000
<b>Navy and Marine Corps</b>	<b>280,000</b>	<b>280,000</b>
Child Development Centers	80,000	80,000
Energy Conservation and Alternative Energy Projects	100,000	100,000
Soldier and Marine Housing	100,000	100,000
<b>Air Force</b>	<b>310,100</b>	<b>310,100</b>
Child Development Centers	80,000	80,000
Troop Housing	100,000	100,000
Family Housing Construction	80,100	80,100
Air National Guard	50,000	50,000
<b>Defense-Wide</b>	<b>1,450,000</b>	<b>1,450,000</b>
Hospitals	1,330,000	1,330,000
Energy Conservation Investment Program	120,000	120,000
<b>Subtotal:</b>	<b>2,304,607</b>	<b>2,304,607</b>
<b>Defense Program</b>	<b>555,000</b>	<b>-</b>
Homeowners Assistance Program	555,000	N/A
<b>DoD Total:</b>	<b>2,859,607</b>	<b>2,304,607</b>



# **Section I-1**

## **State Summary of Military Construction & Family Housing Construction Projects**

This section provides a State summary of planned military construction and family housing construction expenditures to be funded by Division A, Title X of the Recovery Act across the United States.

## American Recovery and Reinvestment Act of 2009 Summary of Military Construction Projects by State

	Army		Navy & Marine Corps		Air Force		Defense-Wide		DoD Total	
	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)
Alaska	2	3,450			4	68,000			6	71,450
Alabama					1	2,300			1	2,300
Arkansas					1	7,800			1	7,800
Arizona										
California	4	4,577	23	204,347			2	563,920	29	772,844
Colorado	1	12,500			1	11,200	1	110	3	23,810
Connecticut										
District of Columbia										
Delaware										
Florida			1	10,220	1	11,000	1	27,210	3	48,430
Georgia	1	8,600			1	11,400			2	20,000
Guam										
Hawaii			1	19,360					1	19,360
Iowa	1	590			1	6,000			2	6,590
Idaho										
Illinois	1	930							1	930
Indiana										
Kansas					1	4,100			1	4,100
Kentucky	4	50,865							4	50,865
Louisiana										
Massachusetts										
Maryland			2	3,247	1	8,000	1	1,289	4	12,536
Maine										
Michigan										
Minnesota										
Missouri										
Mississippi					1	20,800			1	20,800
Montana					1	26,200			1	26,200
North Carolina	3	51,800	4	17,953					7	69,753
North Dakota					2	31,374			2	31,374
Nebraska	1	2,900							1	2,900
New Hampshire										
New Jersey	1	4,996			1	4,300			2	9,296
New Mexico	1	990			1	12,000			2	12,990
Nevada	2	3,950			1	13,400			3	17,350
New York	3	13,800							3	13,800
Ohio							1	1,000	1	1,000
Oklahoma	2	2,510							2	2,510
Oregon	1	1,300							1	1,300
Pennsylvania	2	2,050			1	7,000			3	9,050
Puerto Rico										
Rhode Island										
South Carolina					1	22,500			1	22,500
South Dakota										
Tennessee			1	11,960					1	11,960
Texas	3	71,150			2	34,400	1	621,000	6	726,550
Utah	2	10,800			2	20,100			4	30,900
Virginia	5	29,666	6	53,849					11	83,515
Vermont									0	0
Washington			1	20,054					1	20,054
Wisconsin	1	14,000			1	1,100			2	15,100
West Virginia	1	3,300			1	4,300			2	7,600
Wyoming										
Various	1	2,194	5	6,206			1	118,690	7	127,090
	43	296,918	44	347,196	27	327,274	8	1,333,219	122	2,304,607

(ECIP cost estimates are allocated to the performing Component)

## **Section I-2**

### **Detailed Military Construction & Family Housing Construction Expenditure Plan**

**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction			
						Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date	
<b>ARMY</b>					<b>264,507</b>				
<i>Child Development Centers</i>					<i>80,000</i>				
1	Fort Carson	CO	62832	Child Development Center	Child Development Centers	12,500	Sep 2009	Dec 2009	Jan 2011
2	Fort Stewart (Hunter AAF)	GA	54630	Child Youth Services Center	Child Development Centers	8,600	Aug 2009	Nov 2009	Feb 2011
3	Fort Bragg	NC	70665	Child Development Center	Child Development Centers	11,300	Sep 2009	Dec 2009	Apr 2011
4	Fort Drum	NY	69812	Child Development Center	Child Development Centers	10,700	Sep 2009	Dec 2009	Jun 2011
5	Fort Hood	TX	71089	Child Development Center	Child Development Centers	12,700	Aug 2009	Nov 2009	Jan 2011
6	Fort Belvoir	VA	64148	Child Development Center	Child Development Centers	14,600	Sep 2009	Dec 2009	Jun 2011
7	Fort Eustis	VA	69811	Child Development Center	Child Development Centers	9,600	Sep 2009	Dec 2009	Mar 2011
<i>Warrior Transition Complees</i>					<i>100,000</i>				
8	Fort Campbell	KY	68886	Warrior in Transition (WT) Complex	Warrior Transition	43,000	Sep 2009	Dec 2009	Jul 2011
9	Fort Bliss	TX	68900	Warrior in Transition (WT) Complex	Warrior Transition	57,000	May 2009	Aug 2009	Dec 2010
<i>Army National Guard</i>					<i>50,000</i>				
10	Mather Air Field	CA	060500	Resurface Airfield Pavement	MILCON Projects Inside US	1,500	Jun 2009	Jul 2009	Jan 2010
11	Raleigh	NC	370044	AFRC Raleigh (JFHQ-NC)	MILCON Projects Inside US	39,500	Jun 2009	Jul 2009	Jun 2011
12	Camp Ashland	NE	310111	Dining Facility Add/Alt	MILCON Projects Inside US	2,900	Jul 2009	Jul 2009	Sep 2010
13	Brooklyn (Ft. Hamilton)	NY	360802	Ready Building (WMD CST)	MILCON Projects Inside US	1,500	Jun 2009	Jul 2009	Dec 2009
14	Camp Withycombe	OR	410817	Storm Sewer	MILCON Projects Inside US	1,300	May 2009	Jun 2009	Jul 2009
15	Gassaway	WV	540106	Readiness Center Add/Alt	MILCON Projects Inside US	3,300	Aug 2009	Sep 2009	Sep 2010
<i>Family Housing</i>					<i>34,507</i>				
16	Fort Hunter-Liggett	CA	71080	Family Housing New Construction (1 unit)	Family Housing Construction	620	Sep 2009	Dec 2009	Dec 2010
17	Fort Hunter-Liggett	CA	74390	Family Housing Replacement Construction (4 units)	Family Housing Construction	1,750	Sep 2009	Dec 2009	Dec 2010

**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction			
						Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date	
18	Sierra AD	CA	74395	Family Housing Replacement Construction (1 units)	Family Housing Construction	707	Sep 2009	Dec 2009	Dec 2010
19	Rock Island	IL	74492	Family Housing New Construction (2 units)	Family Housing Construction	930	Sep 2009	Dec 2009	Jun 2011
20	Hawthorne AD	NV	74520	Family Housing Improvement (new water main)	Family Housing Construction	950	Sep 2009	Dec 2009	Dec 2010
21	McAlester AD	OK	74393	Family Housing Replacement Construction (6 units)	Family Housing Construction	2,200	Sep 2009	Dec 2009	Dec 2010
22	Letterkenny AD	PA	74392	Family Housing New Construction (3 units)	Family Housing Construction	1,050	Sep 2009	Dec 2009	May 2011
23	Tobyhanna	PA	74519	Family Housing Replacement Construction (2 units)	Family Housing Construction	1,000	Sep 2009	Dec 2009	May 2011
24	Dugway Proving Grounds	UT	74389	Family Housing Replacement Construction (20 units)	Family Housing Construction	10,000	Sep 2009	Dec 2009	Jun 2011
25	Radford AAP	VA	74394	Family Housing Replacement Construction (4 units)	Family Housing Construction	1,300	Sep 2009	Dec 2009	Mar 2011
26	Fort McCoy	WI	66288	Family Housing New Construction (23 units)	Family Housing Construction	14,000	Sep 2009	Dec 2009	May 2011

<b>NAVY &amp; MARINE CORPS</b>						<b>280,000</b>			
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<i>Child Development Centers</i>						<i>80,000</i>			
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1	Marine Corps Base Camp Pendleton	CA	P601	Child Development Center	Child Development Centers	15,420	Sep 2009	Jan 2010	Sep 2011
2	Marine Corps Base Hawaii	HI	P835	Child Development Center	Child Development Centers	19,360	Jun 2009	Nov 2009	Jan 2011
3	Naval Air Station Lemoore	CA	P329	Expand Child Development Center	Child Development Centers	7,793	Jun 2009	Dec 2009	Jan 2011
4	Naval Base Coronado	CA	P901	Child Care Center 24/7	Child Development Centers	2,301	Sep 2009	Mar 2010	Oct 2010
5	Naval Base Point Loma	CA	P518	Child Development Center	Child Development Centers	11,844	Sep 2009	Mar 2010	Oct 2010
6	Naval Station Mayport	FL	P761	Child Development Center	Child Development Centers	10,220	Sep 2009	Mar 2010	Jun 2011
7	Naval Support Activity Mid-South	TN	P371	Child Development Center	Child Development Centers	11,960	Jun 2009	Sep 2009	Jul 2010
8	Various Locations		P&D	P&D - DoN Child Development Center Projects		1,102			

**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction			
						Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date	
<b>Energy Conservation and Alternative Energy</b>						<b>100,000</b>			
9	Marine Corps Base Camp Pendleton	CA	P856M	Photovoltaic System	Energy Conservation & Alternative Energy	10,731	Dec 2009	Dec 2009	Dec 2010
10	Marine Corps Base Camp Lejeune	NC	P857M	Facility and Photovoltaic Energy Upgrades	Energy Conservation & Alternative Energy	13,779	Oct 2009	Oct 2009	Jun 2010
11	Naval Support Activity Annapolis	MD	P613	Replace Steam Generation Plant	Energy Conservation & Alternative Energy	1,994	Apr 2009	May 2009	Aug 2010
12	Naval Surface Warfare Center Carderock	MD	P121	Replace Underground Steam Lines	Energy Conservation & Alternative Energy	1,253	Apr 2009	May 2009	Aug 2009
13	Hampton Roads	VA	P114	Install Photovoltaic Systems	Energy Conservation & Alternative Energy	26,098	Jul 2009	Jul 2009	Jul 2011
14	Naval Station Norfolk	VA	P115	Repair Steam Lines	Energy Conservation & Alternative Energy	1,054	Mar 2009	Apr 2009	Jun 2009
15	Naval Station Norfolk	VA	P116	Steam Plant Area Decentralization	Energy Conservation & Alternative Energy	23,593	Apr 2009	May 2009	Nov 2010
16	Naval Air Station Whidbey Island	WA	P236	Replace Water Distribution System	Energy Conservation & Alternative Energy	20,054	Sep 2009	May 2010	May 2012
17	Various Locations		P&D	P&D - DoN Energy Projects		1,444			
<b>Troop Housing</b>						<b>100,000</b>			
18	Marine Corps Base Camp Pendleton	CA	P438M	Repair Bachelor Enlisted Quarters	Sailor and Marine Housing	8,901	Apr 2009	Nov 2009	Nov 2010
19	Marine Corps Air Station New River	NC	P103M	Repair Bachelor Enlisted Quarters	Sailor and Marine Housing	3,039	Jun 2009	Jul 2009	Jun 2010
20	Naval Base Coronado	CA	P742	Bachelor Enlisted Quarters	Sailor and Marine Housing	86,275	Sep 2009	Mar 2010	Oct 2011
21	Various Locations		P&D	P&D - DoN Bachelor Enlisted Quarters Projects		1,785			
<b>AIR FORCE</b>						<b>310,100</b>			
<b>Child Development Centers</b>						<b>80,000</b>			
1	Peterson AFB	CO	TDKA113007	Construct Child Development Center	Child Development Centers	11,200	Sep 2009	Feb 2010	Aug 2011
2	Hurlburt Field	FL	FTEV993036	Child Development Center	Child Development Centers	11,000	Sep 2009	Feb 2010	Aug 2011
3	Moody AFB	GA	QSEU953004	Child Development Center	Child Development Centers	11,400	Sep 2009	Feb 2010	Aug 2011
4	Cannon AFB	NM	CZQZ103001	Child Development Center	Child Development Centers	12,000	Sep 2009	Feb 2010	Aug 2011

**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction			
						Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date	
5	Nellis AFB	NV	RKMF093002	Child Development Center	Child Development Centers	13,400	Sep 2009	Feb 2010	Aug 2011
6	Lackland AFB	TX	MPLS093002	Add/Alter Child Development Center	Child Development Centers	6,000	Sep 2009	Feb 2010	Feb 2011
7	Hill AFB	UT	KRSM083003	Child Development Center	Child Development Centers	15,000	Sep 2009	Feb 2010	Aug 2011
<b>Troop Housing</b>						<b>100,000</b>			
8	Keesler AFB	MS	MAHG043000	Dormitory (144 Rm)	Airman Housing	20,800	Sep 2009	Feb 2010	Feb 2012
9	Minot AFB	ND	QJVF072003	Dormitory (168 Rm)	Airman Housing	28,300	Sep 2009	Feb 2010	Feb 2012
10	Shaw AFB	SC	VLSB093010	Dormitory (144 Rm)	Airman Housing	22,500	Sep 2009	Feb 2010	Feb 2012
11	Goodfellow AFB	TX	JCGU093002	Student Dormitory (200 Rm)	Airman Housing	28,400	Sep 2009	Feb 2010	Feb 2012
<b>Air National Guard</b>						<b>50,000</b>			
12	Birmingham	AL	BRKR059015	Mobility Processing	MILCON Projects Inside US	2,300	Jun 2009	Jul 2009	Jul 2010
13	Fort Smith	AR	HKRZ889688	Replace Civil Engineer Complex	MILCON Projects Inside US	7,800	Aug 2009	Sep 2009	Dec 2010
14	Des Moines	IA	FFAN049054	Replace Communications Facility	MILCON Projects Inside US	6,000	May 2009	Jun 2009	Jun 2010
15	Forbes	KS	GUQE069043	Add/Alter Fire Station	MILCON Projects Inside US	4,100	Jul 2009	Aug 2009	Aug 2010
16	Andrews AFB	MD	AJXF069112	ANGRC Operations Center	MILCON Projects Inside US	8,000	Apr 2009	May 2009	Nov 2010
17	Atlantic City	NJ	AQRC029147	Construct N & S Arm/Disarm Aprons	MILCON Projects Inside US	4,300	May 2009	Jun 2009	Jun 2010
18	Fort Indian Town Gap	PA	LKLW959714	Replace Troop Training Qtrs	MILCON Projects Inside US	7,000	Aug 2009	Sep 2009	Sep 2010
19	Salt Lake City	UT	USEB889585B	Fire Station, Phase 2	MILCON Projects Inside US	5,100	Jul 2009	Aug 2009	Aug 2010
20	General Mitchell	WI	HTUV059003	Security Forces CATM/CATS	MILCON Projects Inside US	1,100	Jul 2009	Aug 2009	Aug 2010
21	Eastern West Virginia Regional Airport	WV	PJYV049072	C-5 Avionics Shop	MILCON Projects Inside US	4,300	May 2009	Jun 2009	Jun 2010
<b>Family Housing</b>						<b>80,100</b>			
22	Eielson AFB	AK	FTQW094001	Replace Military Family Housing - Phase 4 (Current Mission) (76 units)	Family Housing	53,900	Sep 2009	Feb 2010	Feb 2012
23	Malmstrom AFB	MT	NZAS034001C	Repair Structural Foundations In Minuteman Village (179 units)	Family Housing	26,200	Sep 2009	Feb 2010	Feb 2012

**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction			
						Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date	
<b>DEFENSE-WIDE</b>						<b>1,330,000</b>			
1	Camp Pendleton	CA	71653	Hospital Replacement	Hospitals	563,100	Sep 2010	Oct 2010	Nov 2013
2	Naval Air Station Jacksonville	FL	65199	Hospital Alteration	Hospitals	27,210	Oct 2009	Nov 2009	Nov 2012
3	Fort Hood	TX	74650	Hospital Replacement Phase 1	Hospitals	621,000	Sep 2010	Oct 2010	Apr 2014
4	Various Locations			Planning & Design (P&D)	Hospitals	118,690			
<b>ENERGY CONSERVATION IMPROVEMENT PROGRAM (ECIP)</b>						<b>120,000</b>			
<b>ARMY</b>						<b>32,411</b>			
1	Fort Wainwright	AK	69413	Facility Energy Improvements	ECIP	1,950	Nov 2009	Jan 2010	Nov 2010
2	Fort Wainwright	AK	72955	Wind Turbine & Photovoltaic Panels	ECIP	1,500	Nov 2009	Jan 2010	Nov 2010
3	Iowa AAP	IA	72869	Ground Source Heat Pumps & Photovoltaic for Bldg 100-101	ECIP	590	Nov 2009	Jan 2010	Jan 2011
4	Fort Campbell	KY	69776	Replace Air Conditioner with Ground Source Heat Pump, Efficient Boilers	ECIP	1,015	Sep 2009	Nov 2009	Nov 2010
5	Fort Knox	KY	67264	Barracks Ground Source Heat Pumps, Phase 5	ECIP	3,450	Sep 2009	Nov 2009	Nov 2010
6	Fort Knox	KY	67265	Barracks Ground Source Heat Pumps, Phase 6	ECIP	3,400	Mar 2010	May 2010	May 2011
7	Fort Bragg	NC	69770	Install Energy Management and Control System	ECIP	1,000	Sep 2009	Oct 2009	Oct 2010
8	Sea Girt	NJ	340617	Install 1.5 MW Wind Turbine	ECIP	4,996	Sep 2009	Sep 2009	Dec 2010
9	White Sands MR	NM	64880	Install Direct Digital Controls	ECIP	990	Nov 2009	Jan 2010	Jan 2011
10	Hawthorne AD	NV	72693	Geothermal Test Wells, Phase 2	ECIP	3,000	Sep 2009	Nov 2009	Nov 2009
11	Fort Drum	NY	62388	Install Solar Walls, Energy Improvements	ECIP	1,600	Sep 2009	Oct 2009	Oct 2010
12	Fort Sill	OK	72679	Solar Water Preheater	ECIP	310	Jan 2010	Feb 2010	Jan 2011
13	Fort Hood	TX	69693	Install 8,000 Motion Sensors	ECIP	1,450	Nov 2009	Jan 2010	Nov 2010
14	Tooele AD	UT	72922	Solar Walls on 14 Buildings	ECIP	800	Sep 2009	Oct 2009	Oct 2010
15	Fort Lee	VA	69637	High Efficiency Lighting (Phase III)	ECIP	2,750	Sep 2009	Nov 2009	Oct 2010
16	Fort Lee	VA	67411	High Efficiency Lighting (Phase III)	ECIP	1,416	Sep 2009	Nov 2009	Oct 2010
17	Various			Planning & Design - Army ECIP	ECIP	2,194			
<b>NAVY</b>						<b>29,518</b>			
18	Naval Air Warfare Center China Lake	CA	P0878	Photovoltaic System	ECIP	2,473	Sep 2009	Oct 2009	Oct 2010
19	Naval Air Warfare Center China Lake	CA	P0879	Photovoltaic System	ECIP	2,616	Sep 2009	Oct 2009	Oct 2010
20	Naval Air Warfare Center China Lake	CA	P0861	Photovoltaic System	ECIP	1,646	Sep 2009	Oct 2009	Oct 2010
21	Naval Base Coronado	CA	P0872	Photovoltaic System	ECIP	1,903	Sep 2009	Oct 2009	Oct 2010
22	Naval Base San Diego	CA	P0874	Photovoltaic System	ECIP	1,903	Sep 2009	Oct 2009	Oct 2010
23	Naval Base Ventura County	CA	P0885	Wind Turbine Generation	ECIP	4,242	Aug 2010	Oct 2010	Oct 2011



**American Recovery and Reinvestment Act of 2009  
Department of Defense Military Construction (MILCON) Expenditure Plan**

	Installation/Location	State	Project Number	Project Title	Project Category	MILCON Cost Estimate (\$000)	Construction		
							Estimated Contract Award Date	Estimated Start Date	Estimated Completion Date
24	Naval Weapon Station Seal Beach	CA	P0868	Photovoltaic System	ECIP	2,421	Sep 2009	Oct 2009	Oct 2010
25	SPAWAR San Diego	CA	P0875	Photovoltaic System	ECIP	4,405	Jun 2010	Jul 2010	Dec 2011
26	SPAWAR San Diego	CA	P0876	Photovoltaic System	ECIP	4,405	Jun 2010	Jul 2010	Dec 2011
27	Naval Air Station Oceana	VA	P0859	Solar Ventilation Preheat	ECIP	825	Jul 2009	Jul 2009	Jul 2011
28	Naval Station Norfolk	VA	P0764	Solar & Lighting	ECIP	1,022	Jul 2009	Jul 2009	Jul 2011
29	Naval Shipyard Norfolk	VA	P0728	Solar & Lighting	ECIP	1,257	Jul 2009	Jul 2009	Jul 2011
30	Various			Planning & Design - Navy ECIP	ECIP	400	NA	N/A	N/A
<b>MARINE CORPS</b>						<b>37,678</b>			
31	MCAGCC Twenty-nine Palms	CA	P180M	Photovoltaic System	ECIP	4,834	Sep 2009	Oct 2009	Oct 2010
32	MCAS Camp Pendleton	CA	P010M	Photovoltaic System	ECIP	1,166	Jun 2009	Jul 2009	Jul 2010
33	MCAS Miramar	CA	P982M	Facility Energy Improvements	ECIP	7,230	Jul 2009	Aug 2009	Mar 2010
34	MCAS Miramar	CA	P196M	Photovoltaic System	ECIP	2,295	Jul 2009	Aug 2009	Feb 2010
35	MCB Camp Pendleton	CA	P885M	Photovoltaic System	ECIP	3,278	Sep 2009	Oct 2009	Oct 2010
36	MCLB Barstow	CA	P970M	Facility Energy Improvements	ECIP	10,759	Mar 2010	Apr 2010	Mar 2012
37	MCRD San Diego	CA	P905M	Photovoltaic System	ECIP	5,506	Sep 2009	Oct 2009	Oct 2010
38	MCAS Cherry Point	NC	P931M	Solar Training Pool	ECIP	727	Jul 2009	Oct 2009	Mar 2010
39	MCAS Cherry Point	NC	P935M	Facility Energy Improvements	ECIP	408	Sep 2009	Jan 2010	Sep 2010
40	Various			Planning & Design - USMC ECIP	ECIP	1,475			
<b>AIR FORCE</b>						<b>17,174</b>			
41	Cape Lisburne Long Range Radar Site	AK	DBQT080001	Construct Wind Generators	ECIP	4,700	Sep 2009	Feb 2010	Feb 2011
42	Cape Newenham Long Range Radar Site	AK	DBST080001	Construct Wind Generators		4,700	Sep 2009	Feb 2010	Feb 2011
43	Cape Romanzof Long Range Radar Site	AK	DBWT030002	Construct Wind Generators	ECIP	4,700	Sep 2009	Feb 2010	Feb 2011
44	Minot AFB	ND	QJVF066016	Repair Missile Alert Facility HVAC System (Heat Pumps)	ECIP	3,074	Sep 2009	Feb 2010	Aug 2011
<b>DEFENSE-WIDE</b>						<b>3,219</b>			
45	USAF Academy Commissary (DECA)	CO	WP10ME01	Energy Conservation Upgrades	ECIP	110	Nov 2009	Jan 2010	Jul 2010
46	DDJC Tracy (DLA)	CA	JCT-08040	Upgrade to Lighting in Warehouses 30, 56 and 57	ECIP	820	Aug 2009	Sep 2009	Sep 2010
47	DSCC Columbus (DLA)	OH	CSC-09762	Upgrades to Warehouse Lighting and Steam Distribution System	ECIP	1,000	Aug 2009	Sep 2009	Mar 2010
48	Fort George G. Meade (NSA)	MD	20588	Burgin Building Energy Savings Project	ECIP	1,289	Jul 2009	Jul 2009	Jul 2010

## Section II

### Facilities Sustainment, Restoration & Modernization (FSRM) Projects (including Family Housing O&M)

This section includes a list of O&M funded FSRM projects, which have been identified to date, to be funded under Division A, Title III of the Recovery Act. This section also includes family housing repair projects funded under Division A, Title X. The \$3.4 billion list constitutes approximately 80 percent of the appropriated funding provided under this Act. As the remaining projects are finalized, they will be provided in subsequent report(s). The project list is organized by project category and State.

The table below provides the FSRM funding by Component (\$ in thousands):

Component	ARRA	Project List	Future Projects to be Identified
<b>Army</b>	<b>1,843,030</b>	<b>1,007,557</b>	<b>(835,473)</b>
Active	1,474,525	683,251	(791,274)
Reserve	98,269	98,269	-
Army National Guard	266,304	222,105	(44,199)
Family Housing	3,932	3,932	-
<b>Navy</b>	<b>712,134</b>	<b>712,134</b>	<b>-</b>
Active	657,051	657,051	-
Reserve	55,083	55,083	-
<b>Marine Corps</b>	<b>153,774</b>	<b>153,774</b>	<b>-</b>
Active	113,865	113,865	-
Reserve	39,909	39,909	-
<b>Air Force</b>	<b>1,151,455</b>	<b>1,151,455</b>	<b>-</b>
Active	1,095,959	1,095,959	-
Reserve	13,187	13,187	-
Air National Guard	25,848	25,848	-
Family Housing	16,461	16,461	-
<b>Defense-Wide</b>	<b>415,000</b>	<b>400,000</b>	<b>(15,000)</b>
Defense Health Program	400,000	400,000	-
Inspector General	15,000	N/A	N/A
<b>DoD Total:</b>	<b>4,275,393</b>	<b>3,424,920</b>	<b>(850,473)</b>

The O&M funded FSRM projects are summarized in the following categories:

<b>Category *</b>	<b>Cost Estimate (\$000)</b>	<b>Number of Projects</b>
Energy-related	1,383.9	1,473
Roof repair/replacement	142.6	283
Utilities	74.1	55
Pavement, roads or grounds	447.6	519
Barracks **	262.7	119
Quality of Life	82.4	141
Operations	753.6	575
Medical	257.6	87
<b>Subtotal</b>	<b>3,404.5</b>	<b>3,252</b>
Family Housing	20.4	54
<b>Grand Total</b>	<b>3,424.9</b>	<b>3,306</b>

\* Energy-related and roof repair projects were classified as such, regardless of the facility type. All other projects were classified by their facility type as listed in the table above.

\*\* The Recovery Act provided for \$153.5 million in Army Operation and Maintenance funds for barracks renovations. The projects listed in Section II of this report include \$175 million for Army barracks renovations.

## **Section II-1**

### **State Summary of FSRM Projects contained in this report (including Defense Health Program and Family Housing Operations and Maintenance Projects)**

This section provides a State summary of the FSRM projects (identified to date), across the United States and its territories, which are funded by Division A, Title III and Title X of the Recovery Act.

**American Recovery and Reinvestment Act of 2009  
Sustainment, Restoration and Modernization Projects by State**

	Army (incl Guard/Reserve)		Navy & Marine Corps (incl Guard/Reserve)		Air Force (incl Guard/Reserve)		Defense-Wide		DoD Total	
	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)	Number of Projects	Cost (\$000s)
Alaska	83	43,594	1	4,700	65	74,077	2	3,308	151	125,679
Alabama	71	41,185			14	10,210	3	9,135	88	60,530
Arkansas	52	37,936			12	12,792			64	50,728
Arizona	44	26,603	6	6,411	37	29,221			87	62,235
California	51	49,406	41	190,228	162	103,509	10	18,030	264	361,173
Colorado	50	3,729			118	52,995	4	13,755	172	70,479
Connecticut	10	2,828	1	1,248					11	4,076
District of Columbia	3	3,200	2	3,771					5	6,971
Delaware	6	1,966	2	7,507	21	45,112	2	17,000	31	71,585
Florida	16	4,543	5	70,430	145	110,185	2	16,000	168	201,158
Georgia	70	47,995	2	3,431	95	53,002	8	25,453	175	129,881
Guam			3	15,417	14	29,015	3	934	20	45,366
Hawaii	14	18,508	5	105,247	17	49,605	9	10,763	45	184,123
Iowa	21	2,843							21	2,843
Idaho	19	1,473			11	13,579			30	15,052
Illinois	32	20,571	2	8,841	15	8,380			49	37,792
Indiana	8	14,295			1	1,688			9	15,983
Kansas	48	50,665			12	13,681	5	19,478	65	83,824
Kentucky	48	17,947	1	1,438			1	6,195	50	25,580
Louisiana	15	14,617	4	16,354	21	19,952			40	50,923
Massachusetts	11	23,765			42	24,964	2	2,782	55	51,511
Maryland	49	16,198	10	94,778	51	15,510	43	73,884	153	200,370
Maine	11	1,106	5	24,480					16	25,586
Michigan	22	10,939			1	600			23	11,539
Minnesota	14	2,792			1	2,049			15	4,841
Missouri	34	65,238			22	18,378	1	525	57	84,141
Mississippi	15	12,722	2	22,254	5	7,552			22	42,528
Montana	24	2,285			26	21,390			50	23,675
North Carolina	12	14,477	11	55,319	23	21,938	1	4,200	47	95,934
North Dakota	8	2,289			31	23,646			39	25,935
Nebraska	21	3,587	1	4,446	12	18,402	4	20,500	38	46,935
New Hampshire	16	5,081			11	2,580			27	7,661
New Jersey	43	11,326	1	1,176	10	6,247			54	18,749
New Mexico	14	11,256			85	66,117			99	77,373
Nevada	12	1,999	1	9,120	5	9,830			18	20,949
New York	90	103,903	3	6,363	5	3,869			98	114,135
Ohio	22	8,545	2	6,629	85	22,810			109	37,984
Oklahoma	16	13,306			45	48,946	4	8,952	65	71,204
Oregon	14	3,528	2	6,073	1	4,000			17	13,601
Pennsylvania	73	20,578	1	6,000			1	578	75	27,156
Puerto Rico	6	10,568							6	10,568
Rhode Island	6	13,366					2	2,063	8	15,429
South Carolina	41	22,532	6	11,195	35	22,918	1	682	83	57,327
South Dakota	3	440			19	14,024	3	16,500	25	30,964
Tennessee	4	964	1	1,710	14	7,768			19	10,442
Texas	37	54,234	11	47,087	123	96,200	13	24,678	184	222,199
Utah	18	9,338			47	24,982			65	34,320
Virginia	63	60,923	5	82,368	11	12,222	18	90,067	97	245,580
Vermont	12	1,571							12	1,571
Washington	53	51,452	6	51,887	24	11,938	13	14,538	96	129,815
Wisconsin	29	37,044							29	37,044
West Virginia	3	1,135							3	1,135
Wyoming	15	4,917			41	15,572			56	20,489
Various	1	250							1	250
	<b>1,473</b>	<b>1,007,557</b>	<b>143</b>	<b>865,908</b>	<b>1,535</b>	<b>1,151,455</b>	<b>155</b>	<b>400,000</b>	<b>3,306</b>	<b>3,424,920</b>

## Section II-2 Detailed FSRM Project List

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Project Category	Code
Energy	E
Roofs	R
Utilities	U
Pavement/roads/grounds	P
Barracks	B
Quality of Life	Q
Operations	O
Medical	M
Family Housing	F

**American Recovery and Reinvestment Act of 2009**  
**Operation and Maintenance, Defense Health Program, and Family Housing Funded**  
**Facilities Sustainment, Restoration, and Modernization Project List**

Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
<b>ARMY</b>				<b>1,007,557</b>	
<b>ACTIVE ARMY</b>				<b>683,251</b>	
1	Fort Greely	AK	Paving Repairs Post Wide	3,000	P
2	Fort Greely	AK	Replace Windows Throughout Building 661 With Energy Efficient Windows	883	E
3	Fort Greely	AK	Replace Windows in Building 662 (Barracks)	795	E
4	Fort Greely	AK	Repair Exterior With Insulation Finish System on Building 662	777	E
5	Fort Greely	AK	Install Exterior Insulation Finish System on Building 661	745	E
6	Fort Greely	AK	Replace Roof on Building 655 With R60 Value Roof	503	E
7	Fort Greely	AK	Install Exterior Insulation Finish System on Building 655	450	E
8	Fort Greely	AK	Replace Roof Ph 2 DPW Headquarters	400	R
9	Fort Greely	AK	Sidewalk Repairs Post Wide	275	P
10	Fort Greely	AK	Replace Roof, Siding and All Exterior Doors and Insulate Building 627	252	E
11	Fort Greely	AK	Connect Sprinkler Sys to 911 Call Center	188	O
12	Fort Greely	AK	Upgrade Sprinkler Sys Commissary	152	Q
13	Fort Greely	AK	Repair Detention Cells	136	O
14	Fort Greely	AK	Install Doors / Walls 59th Signal	125	O
15	Fort Greely	AK	Construct Two Meteorology Towers to Collect Wind Data	120	E
16	Fort Greely	AK	Replace Carpeting in Building 702-Lodging Area	76	Q
17	Fort Greely	AK	Repair Curbs, Asphalt & Install Sidewalks	26	P
18	Fort Greely	AK	Install Communication Lines in Building 601	20	O
19	Fort Greely	AK	Install Forklift Charger and Eye Wash Station	14	O
20	Fort Greely	AK	Fill 2 Hydraulic Lift Bays	5	O
21	Fort Richardson	AK	LED Street Lights	4,000	E
22	Fort Richardson	AK	Building 606, Battalion Opns Facility, Repair Interior for 4/25 ABCT	1,400	O
23	Fort Richardson	AK	Replace Air Handler	1,000	Q
24	Fort Richardson	AK	Design & Construct Temporary Org Parking	750	P

**American Recovery and Reinvestment Act of 2009**  
**Operation and Maintenance, Defense Health Program, and Family Housing Funded**  
**Facilities Sustainment, Restoration, and Modernization Project List**

Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
25	Fort Richardson	AK	Building 604, Renovate for Company Opns Facility	600	O
26	Fort Richardson	AK	Repair Fire Tower Ridge Trail	600	P
27	Fort Richardson	AK	Building 606, Battalion Opns Facility, Repair Building Systems for 4/25 ABCT	415	O
28	Fort Richardson	AK	Building 806, North Bay, Repair Vehicle Exhaust & Ventilation for the 62 Truck & 17 Csb	400	O
29	Fort Richardson	AK	Building 800, Remodel Org Storage for 3 MEB	350	O
30	Fort Richardson	AK	Expand Range Warm Up Building Pedneau	350	O
31	Fort Richardson	AK	Hydroelectric Power Generator	300	E
32	Fort Richardson	AK	Repair Domestic Water Piping Building 1113 & 1114	260	E
33	Fort Richardson	AK	Repair Potable Water System	250	O
34	Fort Richardson	AK	Alterations to Building 802, 532 Brigade Support Battalion Co	200	O
35	Fort Richardson	AK	Building 806, Alterations to Motorpool	200	O
36	Fort Richardson	AK	Construct Arms Vault 1, 532 Brigade Support Battalion	200	O
37	Fort Richardson	AK	Construct Arms Vault 2, 532 Brigade Support Battalion	200	O
38	Fort Richardson	AK	Wind Data Test Towers	200	E
39	Fort Richardson	AK	Construct Arms Vault, 207 Signal Co.	180	O
40	Fort Richardson	AK	Construct Arms Vault, 3 MEB Headquarters HHC	180	O
41	Fort Richardson	AK	Construct Arms Vault, 532 Brigade Support Battalion Co	180	O
42	Fort Richardson	AK	Repair Grezelka Range Road	150	P
43	Fort Richardson	AK	Renovate and Modernize the Welcome Area for Family Support	125	Q
44	Fort Richardson	AK	Install Parking Lights Building 1	101	E
45	Fort Richardson	AK	Replace Water System YS	100	Q
46	Fort Richardson	AK	Building 470 Repair Exterior	75	Q
47	Fort Richardson	AK	Construct Family Zone, Building 337	75	Q
48	Fort Richardson	AK	Construct Temporary Deployment Facility	75	O
49	Fort Richardson	AK	Install Lighting Controls Building 800	55	E
50	Fort Richardson	AK	Upgrade HVAC Building 652	55	E



**American Recovery and Reinvestment Act of 2009**  
**Operation and Maintenance, Defense Health Program, and Family Housing Funded**  
**Facilities Sustainment, Restoration, and Modernization Project List**

Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
51	Fort Richardson	AK	Repair Steps Building 622	47	B
52	Fort Wainwright	AK	Repair/Replace Roof Building 3015 to Improve Building Envelope	1,838	E
53	Fort Wainwright	AK	Building 1045 - Restoration of Basement	1,500	O
54	Fort Wainwright	AK	Restore Building 3021 DMWR Sporting Complex	1,500	O
55	Fort Wainwright	AK	Repair East built-up Roof Building 3030 to Improve Building Envelope	1,360	E
56	Fort Wainwright	AK	Repair Center built-up Roof Building 3030to Improve Building Envelope	1,355	E
57	Fort Wainwright	AK	Repair West built-up Roof- Building 3030 to Improve Building Envelope	1,350	E
58	Fort Wainwright	AK	25ID 1BCT Brigade Headquarters Building 1555- Repair/Renovate	1,238	O
59	Fort Wainwright	AK	Barracks Building 1001-Repair Barracks Interior Finishes, Wall, Doors, Floors, Ceilings	1,219	B
60	Fort Wainwright	AK	Repair Gravel Roads in Donnelly Training Area	1,200	P
61	Fort Wainwright	AK	Repair East Irma Roof Building 3030 to Improve Building Envelop	1,025	E
62	Fort Wainwright	AK	Repair West Irma Roof Building 3030 to Improve Building Envelop	1,010	E
63	Fort Wainwright	AK	Repair Barracks Building 3716-Repaint Interior, Repair Stairs, Replace Windows, Etc	947	B
64	Fort Wainwright	AK	Repair Barracks Building 3708-Repaint Interior, Repair Stair, Replace Windows, Etc.	922	B
65	Fort Wainwright	AK	Repair Barracks Building 1004- Walkways, Stairs, Repaint, Repair Windows, Etc.	608	B
66	Fort Wainwright	AK	Building 1045 - Repair of 1st & 2nd Fl	500	O
67	Fort Wainwright	AK	Repair/Upgrade Insulation on Steam and Condensate Lines in Multiple Buildings	480	O
68	Fort Wainwright	AK	Replace/Repair Roof of Building 2107	230	R
69	Fort Wainwright	AK	Repair Airfield Access Route	200	P

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70	Fort Wainwright	AK	Repair/Repave W Montgomery Street	175	P
71	Fort Wainwright	AK	Barracks Building 3206-Repair, Repaint Stairways and Landings	147	B
72	Fort Wainwright	AK	Building 4024 Pave North Side Parking Lot	80	Q
73	Anniston Army Depot	AL	Steam Line Repairs	2,136	E
74	Anniston Army Depot	AL	Industrial Area Electrical Repairs	1,196	E
75	Anniston Army Depot	AL	Building 143 Renovations for Stryker Reset Mission	460	O
76	Fort Rucker	AL	Renovate B4605	4,700	Q
77	Fort Rucker	AL	Resurface Farrel Road	450	P
78	Fort Rucker	AL	Bridge Repair - 09813 - Andrews Ave	300	P
79	Fort Rucker	AL	Bridge Repairs - B25459	250	P
80	Fort Rucker	AL	Bridge Repairs - B40161	250	P
81	Fort Rucker	AL	Repair Boiler - B4605	110	E
82	Fort Rucker	AL	Construct Pavilion	75	O
83	Redstone Arsenal	AL	Replace Natural Gas Dist Sys, Phase 4	4,290	E
84	Redstone Arsenal	AL	Replace Water Main Along Martin Rd from Zerdt to Patton	2,900	E
85	Redstone Arsenal	AL	Replace Water Main Along Martin Road, from H.U. Tap to Patton Road With New 16" D.I. Main	2,116	E
86	Redstone Arsenal	AL	Repair Concrete Turnarounds at Redstone Army Airfield	1,900	P
87	Redstone Arsenal	AL	Replace Water Main Along Patton Rd. from Martin Rd. to Buxton Rd.	1,879	E
88	Redstone Arsenal	AL	Replace Water Main Along Paton Rd. from H.U. to Martin Rd.	1,857	E
89	Redstone Arsenal	AL	Fy 2009 Annual Road Paving Plan	1,800	P
90	Redstone Arsenal	AL	Replace Water Main Along Redstone Rd. from Patton to Line Rd. and Back to Patton	1,755	E
91	Redstone Arsenal	AL	Replace Water Main from Martin Rd. West of Patton to Vincent Looping Back to Patton	1,618	E
92	Redstone Arsenal	AL	Replace Water Main Along Buxton Road E. from Patton to H.U.	1,312	E

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93	Redstone Arsenal	AL	Replace Condensate Piping for 11 Buildings	1,200	E
94	Redstone Arsenal	AL	Renovate and Expand Post Wellness Center Building 4460	760	Q
95	Redstone Arsenal	AL	Replace Water Main from Martin to Digneyto Rideout With 8"D.I.	644	E
96	Redstone Arsenal	AL	Renovate Building. 7446	400	O
97	Redstone Arsenal	AL	Replace Steam & Condensate Lines Under Martin Road at Building. 5250	103	E
98	Pine Bluff Arsenal	AR	Steam Line Replacement Phase I	20,911	E
99	Pine Bluff Arsenal	AR	Roof Replacement & Repairs Building. 33-630	1,400	R
100	Pine Bluff Arsenal	AR	Repairs Building. 63-110 Transite Roof	773	R
101	Pine Bluff Arsenal	AR	Repairs Building. 63-100 Transite Roof	435	R
102	Pine Bluff Arsenal	AR	Repair Building 63-320-Replace Personnel and Vehicular Doors Ammunition Facility.	418	O
103	Pine Bluff Arsenal	AR	Upgrade Fire Protection Sys Building 33-630	383	O
104	Pine Bluff Arsenal	AR	Repair Building 63-200-Replace Personnel and Vehicular Doors Ammunition Facility.	310	O
105	Pine Bluff Arsenal	AR	Repair Building 63-300-Replace Personnel and Vehicular Doors Ammunition Facility.	188	O
106	Pine Bluff Arsenal	AR	Repair Building 63-310-Replace Personnel and Vehicular Doors Ammunition Facility.	188	O
107	Fort Huachuca	AZ	Replace Evap Cooling W/Ac	2,500	E
108	Fort Huachuca	AZ	Replace Evap Cooling With A/C, TMAC Building 70525, MWR	2,150	E
109	Fort Huachuca	AZ	Repair H Avenue Drainage	1,303	P
110	Fort Huachuca	AZ	Repair 4160v Electric Line at LAAF	1,200	E
111	Fort Huachuca	AZ	Repair Wastewater Treatment Plant Drying Beds	1,023	U
112	Fort Huachuca	AZ	Rebuild Squire Between Winrow and Winrow	981	P
113	Fort Huachuca	AZ	Repair Roof, Davis Hall	600	R
114	Fort Huachuca	AZ	Replace Evap Cooling With A/C, Building 50010, ACS	500	E
115	Fort Huachuca	AZ	Install Water Meters	405	E

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116	Fort Huachuca	AZ	Repipe 1.5mg Reservoir Overflows to Sewer, Building 22201, Dir of Public Works	403	E
117	Fort Huachuca	AZ	Repave Smith from Arizona to Cushing	385	P
118	Fort Huachuca	AZ	Install New Waste Reduction Units in Dining Facilities	350	E
119	Fort Huachuca	AZ	Replace Evap Cooling With A/C, Buildings 55332-55338	288	E
120	Fort Huachuca	AZ	Repair Wastewater Treatment Plant Digester Lid to Prevent Methane Gas Escape	250	E
121	Fort Huachuca	AZ	Repair Lift Station #9	250	E
122	Fort Huachuca	AZ	Repair Roof, Alvarado Hall	200	R
123	Fort Huachuca	AZ	Repair Roof, Sisler Hall	200	R
124	Fort Huachuca	AZ	Replace Cooling Tower, Greely Hall, Building 61801, Netcom	160	E
125	Fort Huachuca	AZ	Repair Leaks, Access Ladders, Roof of 3m Gal Reservoir	150	E
126	Fort Huachuca	AZ	Repair Concrete Stairs, Buildings 414xx,	150	O
127	Fort Huachuca	AZ	Replace South Plant Chiller, Building 62701, DPW	150	E
128	Fort Huachuca	AZ	Calibrate Production Well Meters	100	E
129	Fort Huachuca	AZ	Construct Mezzanine-Barnes Field House	100	Q
130	Fort Huachuca	AZ	Repair Roof, Museum Annex	75	R
131	Fort Huachuca	AZ	Paint Water Tank (61609)	11	U
132	Yuma Proving Ground	AZ	Repair Barracks, Building 1004-Replace All Flooring, Wall/Ceiling Finishes, Furniture	2,800	B
133	Yuma Proving Ground	AZ	Repair Admin Buildings 306 & 308-Flooring,, Windows, HVAC, Finishes.	2,000	O
134	Yuma Proving Ground	AZ	Repair Roofs	1,351	R
135	Yuma Proving Ground	AZ	Repair Parking Lots - LAAF	1,148	P
136	Yuma Proving Ground	AZ	Repair Substation Transformers	1,100	E
137	Yuma Proving Ground	AZ	Retrofit Light Switches W/ Occupancy Sensors/ Timers	800	E
138	Yuma Proving Ground	AZ	Replace Exterior Door Weather Stripping	125	E

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139	Yuma Proving Ground	AZ	Repair Baseball Court Lighting W/ Energy Efficient System	20	E
140	Fort Irwin	CA	Repair Barracks Building 264-Repair Walls, Floors, Ceilings, Latrines, Electric.	3,100	B
141	Fort Irwin	CA	Repair Barracks Building 98-Repair Walls, Floors, Ceilings, Latrines, Electric.	1,800	B
142	Fort Irwin	CA	Repair Chilled/Hot Loop Feed System Ph 3	1,200	E
143	Fort Irwin	CA	Repair Athletic Center Buildings 324, 327, 328, 337, 338-Repairs to Finishes, HVAC, Walls, Floors, Etc.	880	Q
144	Fort Irwin	CA	Construct Additional Perimeter Lights Asp - Phase 3	676	E
145	Fort Irwin	CA	Repair Street Lights & Install Solar Street Lights for Cantonment Area	650	E
146	Fort Irwin	CA	Repair Roof, Building 361, Recreation Center	350	R
147	Fort Irwin	CA	Repair Street Lights & Install Solar Street Lights for Cantonment Area - Phase 2	350	E
148	Fort Irwin	CA	Repair HVAC, Building 361, Recreation Center	300	E
149	Fort Irwin	CA	Construct Parking Lot Lights Building 940	250	E
150	Fort Irwin	CA	Repair Kitchen Ventilation System Building 1317	125	Q
151	Fort Irwin	CA	Repair Infant Playground Area	50	Q
152	Fort Irwin	CA	Repair Pre-School Playground Area	50	Q
153	Presidio of Monterey	CA	Remove Inactive Communication Lines, base-wide	590	O
154	Presidio of Monterey	CA	Replace Barracks Failing HVAC Systems, Barracks Buildings 647, 650, 651,	484	E
155	Presidio of Monterey	CA	Replace Worn Carpet in Barracks 651, Health and Safety (VOLAR)	356	B
156	Presidio of Monterey	CA	Replace Worn Carpet in Barracks 652, Health and Safety	356	B
157	Presidio of Monterey	CA	Repair Unsafe/Failed Access Roads and Paved Areas, C Company, 9th Signal Command	350	P
158	Presidio of Monterey	CA	Asbestos Mitigate and Abatement	300	O

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159	Presidio of Monterey	CA	Replace Deteriorating and Leaking Water Lines Servicing DLI Classrooms	300	E
160	Presidio of Monterey	CA	Construct Sidewalk to Access DLI Classrooms, Health and Safety	259	P
161	Presidio of Monterey	CA	Repair Natural Gas Systems	251	E
162	Presidio of Monterey	CA	Replace Synthetic Turf at Child Development Center Building 7693	180	Q
163	Presidio of Monterey	CA	Install/Modernize Exterior Lighting for Barracks Areas, 800 and 600 Series	159	E
164	Presidio of Monterey	CA	Replace Failing HVAC System Cpac Building 277	82	E
165	Presidio of Monterey	CA	Install Required Safety Components in Communication Closets: Emergency Lighting, Emergency Shut Off Switches, Fire Suppression and Temperature Controls.	72	O
166	Presidio of Monterey	CA	Install Fire Sprinkler Heads, DLI Classrooms, Building 611	57	O
167	Presidio of Monterey	CA	Repair Deteriorated Floor, Building 630, Ed Center	28	Q
168	Sierra Army Depot	CA	Inspect and Repair Warehouse Valves	2,000	E
169	Sierra Army Depot	CA	Repair Various Warehouse Doors	500	O
170	Fort Carson	CO	Repair Parking Lots	600	P
171	Fort Benning	GA	Barracks Renovation to Correct Safety Issues - Building 2832 - 3rd / 75th Rangers	9,750	B
172	Fort Benning	GA	Building 73 - Replace Roof - 3 BN / 29th Infantry	1,500	R
173	Fort Benning	GA	Electric Power Plant - Repair & Upgrade Peak Shaving Plant	1,014	E
174	Fort Benning	GA	Replace Bridge #12 Hourglass Rd. Over Pine Knot Creek	739	P
175	Fort Benning	GA	Replace Roof Building 933	623	R
176	Fort Benning	GA	Replace Fire Alarm System Building 83	490	B
177	Fort Benning	GA	Replace Fire Alarm System Building 75	470	B
178	Fort Benning	GA	Replace Roof - Building 93	454	R

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179	Fort Benning	GA	Building Renovation - Building 5000 Aviation Ops. Repair Finishes, Windows, Doors, Flooring	413	O
180	Fort Benning	GA	Repair Dining Facility Building 2895 11th Engineer-Walls, Finishes, Food Prep, Serve, Seating Area	410	B
181	Fort Benning	GA	Replace Roof Structure - Building 241 - USAG Benning	393	R
182	Fort Benning	GA	Renovate - Building 2768 - 199th INF Brigade Headquarters. Repair Walls, Floors, Ceilings, Doors, Windows	375	O
183	Fort Benning	GA	Renovate Building 67 Classroom Area	340	O
184	Fort Benning	GA	Bridge Footing Repair, Install Curtain Wall & Remediate Stream Bed	275	P
185	Fort Benning	GA	Replace Failing Roof - Building 72 - 199th INF Brigade	224	R
186	Fort Benning	GA	Repairs to Main Post CDC Building 1366	219	Q
187	Fort Benning	GA	Repair/Replace Guard Rail Various Locations.	190	O
188	Fort Benning	GA	Repair Exterior Walls and Windows Building 215	150	Q
189	Fort Benning	GA	Replace Cooling Tower Building 398.	138	O
190	Fort Benning	GA	Replace Roofs - Building 328	117	R
191	Fort Benning	GA	Rewire Trap Bunkers - M9815	35	Q
192	Fort Gillem (enclave)	GA	Replace Post Indicator Valves	104	E
193	Fort Gillem (enclave)	GA	Increase Power Line Size for Circuit "C"	84	E
194	Fort Gillem (enclave)	GA	Replace #2 Boiler	53	E
195	Fort Gillem (enclave)	GA	Upgrade Primary Power Lines for Circuit "D"	16	E
196	Fort Gordon	GA	Renovate One-Stop Center. Repairs Walls, Floors, Ceilings, HVAC, Electric of MWR Offices	3,500	O
197	Fort Gordon	GA	Repairs to Gym #6-HVAC, Electric, Finishes, Doors, Windows, Etc.	1,748	Q
198	Fort Gordon	GA	Repair Barracks, Building 25416. Repair Walls, Ceilings, Latrines, Floors, Windows, Doors	1,230	B
199	Fort Gordon	GA	Roof Replacement, 202 Mi BN Headquarters	800	R
200	Fort Gordon	GA	Replace Headstall Creek Bridge	770	P
201	Fort Gordon	GA	Repair Roof, Youth Services Building	757	R

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202	Fort Gordon	GA	Dredge Reservoir, Mirror Lake	750	E
203	Fort Gordon	GA	Dredge Reservoir, Wilkenson Lake	750	E
204	Fort Gordon	GA	Repair Lane Ave Culvert Crossing	440	P
205	Fort Gordon	GA	Repair Pextra Parking Area	304	P
206	Fort Gordon	GA	Repair Harlem Road Bridge	275	P
207	Fort Gordon	GA	Repair Gibson Rd Bridge	220	P
208	Fort Gordon	GA	Repave/Expand Post Office Parking	201	P
209	Fort Stewart	GA	Motor Pool Enhancement Project	5,000	O
210	Fort Stewart	GA	Repair Deteriorated Airfield Pavement	3,000	P
211	Fort Stewart	GA	Renovate Building 626 Repair All Finishes Ans Systems for Classrooms	1,500	O
212	Fort Stewart	GA	Repairs to BN Headquarters Buildings -520 & 721 - IPB #5-Restore All Finishes and Systems.	1,078	O
213	Fort Stewart	GA	Repair Sprinkler Risers - IPB #2	900	O
214	Schofield Barracks	HI	Repair Structural Damage to Various Schofield Barracks Primary Roads Phase(3)	3,500	B
215	Schofield Barracks	HI	Repair Various Bridges	2,750	P
216	Schofield Barracks	HI	Repair Range Roads	2,300	P
217	Schofield Barracks	HI	Replace Roof - Theater Army Materiel Cmd	1,634	R
218	Schofield Barracks	HI	Replace Roof for Gym Facility	1,166	R
219	Schofield Barracks	HI	Repair Roads in Area X	794	P
220	Schofield Barracks	HI	Replace Fernandez Hall Roof	690	R
221	Schofield Barracks	HI	Repair Roofs (Phase II)	650	R
222	Schofield Barracks	HI	Restore B-Quad Courtyard	500	P
223	Schofield Barracks	HI	Install Cable on East Perimeter Fence	274	P
224	Wheeler Army Airfield	HI	Repair Structural Damage to Various Wheeler Army Airfield Primary Roads	2,500	P
225	Rock Island Arsenal	IL	Repair Moline Bridge, Str 48	4,900	P
226	Rock Island Arsenal	IL	Repair Electric Service Various Buildings, IMCOM	2,083	E
227	Rock Island Arsenal	IL	Repair Branch Circuit Wiring, Building 227	1,500	E
228	Rock Island Arsenal	IL	Repair Concrete Work , Old Section, Building 160	1,173	E



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229	Rock Island Arsenal	IL	Repair Expansion Joints, Building 227	900	U
230	Rock Island Arsenal	IL	Repair Three Water Chillers, Building 350, JMC Headquarters	880	E
231	Rock Island Arsenal	IL	Repair Heating Plant Cooling Water System, Building 227	812	E
232	Rock Island Arsenal	IL	Repair East Street, Phase 2	680	P
233	Rock Island Arsenal	IL	Repair Roofing By Replacement, Building 390	616	R
234	Rock Island Arsenal	IL	Repair Hot Lime Softener Process Tank, Building 227	500	E
235	Rock Island Arsenal	IL	Repair Masonry Features, Old Section, Building 160	455	E
236	Rock Island Arsenal	IL	Repair Feedwater Heaters, Building 227	300	E
237	Rock Island Arsenal	IL	Repair Heating Plant Make Up Air System, Building 227	300	E
238	Rock Island Arsenal	IL	Repair Building 204- Sewage Pump Station, IMCOM	262	E
239	Rock Island Arsenal	IL	Repair/Reconfigure Whittemore Street	250	P
240	Rock Island Arsenal	IL	Repair Masonry Features, New Section, Building 160	177	E
241	Crane Army Ammunition Activity	IN	Ammunition Magazine Repair and Modernization	3,900	O
242	Crane Army Ammunition Activity	IN	Building 2084 Renovation	1,076	O
243	Fort Leavenworth	KS	Repair HVAC in Community Activity Center	3,000	E
244	Fort Leavenworth	KS	Repair the HVAC System in Building 45 for Combined Arms Center - Training	2,000	E
245	Fort Leavenworth	KS	Repair Roofs Postwide	1,050	R
246	Fort Leavenworth	KS	Repair Roads Postwide	750	P
247	Fort Leavenworth	KS	Road Repair - McPherson Ave.	700	P
248	Fort Leavenworth	KS	Repair Ceiling/Lights & Const Latrines, Building 56, Religious Ed, Chapel	579	Q
249	Fort Leavenworth	KS	Repair and Improve Outdoor Recreational Facilities Postwide	512	Q
250	Fort Leavenworth	KS	Exterior Painting and Repairs Postwide	250	O
251	Fort Leavenworth	KS	Repair Concrete Structures and Surfaces Postwide	250	P
252	Fort Riley	KS	Repair Interior/Exterior Building 216	8,000	O
253	Fort Riley	KS	Esso4 Replace Underground Cable	4,000	E

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254	Fort Riley	KS	VOLAR Barracks 8008 Barracks Remediation-Restore All Finishes and Systems.	3,280	B
255	Fort Riley	KS	VOLAR Building 8040 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
256	Fort Riley	KS	VOLAR Building 8042 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
257	Fort Riley	KS	VOLAR Building 8048 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
258	Fort Riley	KS	VOLAR Building 8050 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
259	Fort Riley	KS	VOLAR Building 8052 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
260	Fort Riley	KS	VOLAR Building 8054 Barracks Remediation-Restore All Finishes and Systems.	3,120	B
261	Fort Riley	KS	Renovate Building 219 Des	1,900	Q
262	Fort Riley	KS	Replace Existing Underground	1,500	E
263	Fort Riley	KS	Repair Dam Moon Lake	850	P
264	Fort Riley	KS	Repair Failing Ceiling, Building 7086, Chapel	350	Q
265	Fort Riley	KS	Repair Grass and Irrigation, Building 84 Cmty Field	350	Q
266	Fort Riley	KS	Repair Latrines, Building 221, Mp Station	250	Q
267	Fort Riley	KS	Repair ADA Deficiencies Type: 74028 Building 202 Community	150	Q
268	Fort Riley	KS	Repair Damaged Floor, Building 5315, Religious Ed	150	Q
269	Fort Riley	KS	Repair Deficiencies on airfield Levee	80	P
270	Fort Riley	KS	Replace Or Repair Pump at 393	57	E
271	Fort Riley	KS	Repair Roof Normandy Chapel, Type: 73017, Building 7865, Religious	50	R
272	Fort Riley	KS	Repair Roof, Building 6 , Main Post Chapel Type: 73017	50	R
273	Fort Riley	KS	Repair Roof, Building 3	30	R
274	Fort Riley	KS	Repair Deteriorated Floors, Building 6620a, Child Development Center	10	Q

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275	Fort Riley	KS	Repair Deteriorated Floors, Building 6620b, Child Development Center	10	Q
276	Fort Knox	KY	Renovate Otto Physical Fitness Ctr to Correct Safety Deficiencies and Space Issues	2,130	Q
277	Fort Knox	KY	Renovate Child Dev Ctr (Child Development Center) to Correct Interior Deficiencies Identified During Accreditation Inspections, Buildings 4249/4250	1,835	Q
278	Fort Knox	KY	Repair Obsolete Gas Mains	1,275	E
279	Fort Knox	KY	Repair Brave Rifles Avenue from Brandenburg Station Road to Wilson	1,100	P
280	Fort Knox	KY	Correct ERDC Bridge Inspection Deficiencies (5 Rating): Repair Bridge 38 on Wilson Road & 7th Armor Cut-Off Road Over Trib to Mill Creek	753	P
281	Fort Knox	KY	Resurface Badly Deteriorated Pavement on Knox Street from Eisenhower Ave to Brave Rifles Rd	746	P
282	Fort Knox	KY	Repair Old Ironsides Ave from Brave Rifles Rd North to St John Tank Park	700	P
283	Fort Knox	KY	Resurface Badly Deteriorated Pavement on Maronde Street in the TRADOC Armor School Area	505	P
284	Fort Knox	KY	Remove Underground Storage Tanks (USTS) to Meet Jun 09 Compliance Requirements	500	O
285	Fort Knox	KY	Replace Diesel Generator With Natural Gas Generator	492	E
286	Fort Knox	KY	Resurface Badly Deteriorated Pavement on Brandenburg Station Rd (Checkpoint to Eisenhower)	401	P
287	Fort Knox	KY	Repair Knox Street (Park Road to Traffic Circle By Credit Union)	400	P
288	Fort Knox	KY	Resurface Badly Deteriorated Pavement on Phantom Division Road (Eisenhower to Unicorn Regt. Rd)	376	P
289	Fort Knox	KY	Repair Building 63 Parking Lot	240	Q
290	Fort Knox	KY	Surfacing for Playground Equipment	150	Q

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291	Fort Knox	KY	Install Connections at West Point Wellfield for Portable Generator Hookup	120	E
292	Fort Knox	KY	Replace Windows in Building. 5918	120	Q
293	Fort Knox	KY	Install Auto Switchgear on Generators at Central Wtf	80	E
294	Fort Knox	KY	Install Automatic Switchgear on Generators at Otter Creek Pumping Station	80	E
295	Fort Knox	KY	Replace Windows in Building #S 6013/6014	75	O
296	Fort Knox	KY	Repair Parking Area Around Building. 486	20	O
297	Fort Campbell	KY	Repair Patton Road	730	P
298	Fort Campbell	KY	Repave Mabry Road	520	P
299	Fort Campbell	KY	Repair Intersection Airborne St and Wickham Ave	230	P
300	Fort Polk	LA	Dining Facility Building 2382, Repair Failing Electrical, Mechanical, and Fire Detection / Suppression System	2,000	B
301	Fort Polk	LA	Repair/Overlay Chaffee Road, (Exchange Rd to ACP)	3,880	P
302	Fort Polk	LA	Repair/Overlay Louisiana Avenue W/ Traffic Signal Improvements, La 467 to Texas Ave	2,900	P
303	Fort Polk	LA	Repair Failing HVAC, Paint & Interior Repair B 2070	1,300	E
304	Fort Polk	LA	Repair/Super Pm One 5 Company Admin, Building 2264	700	O
305	Fort Polk	LA	Install Solar Lights, 4/10 Operations Group	700	E
306	Fort Polk	LA	Consolidated Fuel Fac Access Road & Utilities	500	P
307	Fort Polk	LA	Repair Roof Building 4291	395	R
308	Fort Polk	LA	Repair Roof SCIF Building 2759	350	R
309	Fort Polk	LA	Repair Magazine Road	320	P
310	Fort Polk	LA	Replace Failing Roof Components, Mini Mall B 1455	250	Q
311	Natick Labs	MA	Repair Roadway- Parking Lot - Sidewalks	1,900	P
312	Natick Labs	MA	Exterior Repairs to Navy R & D Building 7	175	O
313	Aberdeen Proving Ground	MD	Replace Underground Heat Lines from Facilities 4311 to 4317	2,100	E
314	Aberdeen Proving Ground	MD	Replace 3 Boilers in E1574	2,000	E
315	Aberdeen Proving Ground	MD	Repair Interior of APG 30	1,600	Q
316	Aberdeen Proving Ground	MD	Solar Re-Roofing Building 525	1,289	E

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317	Aberdeen Proving Ground	MD	Replace Windows and Renovate Lounge Area, 4508	700	B
318	Aberdeen Proving Ground	MD	Replace Three Boilers, 525	500	E
319	Aberdeen Proving Ground	MD	Boiler Replacement Including Stack , 4219	300	E
320	Aberdeen Proving Ground	MD	Upgrade Tanks for Spill/Overfill Protection	300	E
321	Aberdeen Proving Ground	MD	Repair 2 USTS, 3062, 4404	200	E
322	Aberdeen Proving Ground	MD	Repair Boiler, 3062	200	E
323	Aberdeen Proving Ground	MD	Repair Substation #3	200	E
324	Aberdeen Proving Ground	MD	Repair Two Bays, 4310	200	O
325	Aberdeen Proving Ground	MD	Replace Tank, E3312	200	E
326	Aberdeen Proving Ground	MD	Replace 2 Steam Boilers in Building 1064	175	E
327	Aberdeen Proving Ground	MD	Repair Boiler, 4119	150	E
328	Aberdeen Proving Ground	MD	Replace the Hotwater Boiler in 740c	150	E
329	Aberdeen Proving Ground	MD	Replace Valves in E6151	120	O
330	Aberdeen Proving Ground	MD	Emergency Roof Repair, E5429	100	R
331	Aberdeen Proving Ground	MD	Repair Boiler, 2312	100	E
332	Aberdeen Proving Ground	MD	Repair Boiler, E5774	100	E
333	Aberdeen Proving Ground	MD	Repair Ceilings, 4727	100	O
334	Aberdeen Proving Ground	MD	Repair Roof, E5103	100	R
335	Aberdeen Proving Ground	MD	Repair Boiler, 2377	75	E
336	Aberdeen Proving Ground	MD	Repair Fire Escape, E5951	75	O
337	Aberdeen Proving Ground	MD	Repair Trickling Filter, E3960	58	E
338	Aberdeen Proving Ground	MD	Exterior Building Repairs, E4227	50	B
339	Aberdeen Proving Ground	MD	Repair Boiler, 394	50	O
340	Aberdeen Proving Ground	MD	Repair Concrete Basins, E6110	50	E
341	Aberdeen Proving Ground	MD	Repair Exterior Doors, 3326	50	Q
342	Aberdeen Proving Ground	MD	Repair Floor, 5100	50	O
343	Aberdeen Proving Ground	MD	Secondary Containment , 1043	50	E
344	Aberdeen Proving Ground	MD	Repair Boiler in Facility 300	35	Q
345	Aberdeen Proving Ground	MD	Repair Elevator Palm Push Pads, E3330	30	O
346	Aberdeen Proving Ground	MD	Replace the Oil Water Separator, 5116	25	O
347	Aberdeen Proving Ground	MD	Repair Generator, E5126	5	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
348	Adelphi Labs	MD	Replace Chiller #3 (Central Plant)	840	E
349	Adelphi Labs	MD	Sewer Line Repairs Phase III	455	E
350	Adelphi Labs	MD	Repair Cooling Towers #4, #6 & #7 Building 106	450	E
351	Adelphi Labs	MD	Replace High Tension Wire Line Building 203 Valve Pit to Building 207 Valve Pit (Phase 4)	375	E
352	Adelphi Labs	MD	Replace Cooling Towers #1, #2 & #3 Building 106	365	E
353	Adelphi Labs	MD	Replace High Tension Wire Line Between Building 106 and Building 103 (Phase 3)	300	E
354	Adelphi Labs	MD	Upgrade HVAC System - Building 403	240	E
355	Adelphi Labs	MD	Replace Failing Cooling Tower Building 500	45	O
356	Detroit Arsenal	MI	Fitness Center Addition and Repair	920	Q
357	Detroit Arsenal	MI	Overhead Cover, 11 Mile Gate	750	O
358	Detroit Arsenal	MI	Reconfigure DPW Admin Spaces in Building 205	385	O
359	Detroit Arsenal	MI	Upgrade Bathrooms Building 200-C	370	O
360	Detroit Arsenal	MI	Install New Eastside Water Main for Fire Protection & Potable Water Lines	356	E
361	Detroit Arsenal	MI	B 200c HVAC System Survivability Area Upgrade	325	E
362	Detroit Arsenal	MI	Convert Comm. Room to Secure Briefing Room, B230w 1st Floor	250	O
363	Detroit Arsenal	MI	Install Heat Exchanger-Machine Room	174	E
364	Detroit Arsenal	MI	Remove Topsoil to Create Parking Spaces	140	P
365	Detroit Arsenal	MI	Install / Modify Barriers & Lns	100	P
366	Detroit Arsenal	MI	Upgrade Tridium (Jace) Energy Management System	100	E
367	Detroit Arsenal	MI	Install Adaptors on Existing Rest Room Faucets	24	E
368	Fort Leonard Wood	MO	Training Barracks Building 816-Replace and Restore All Components to Advanced Individual Training Standard Barracks	10,168	B
369	Fort Leonard Wood	MO	Training Barracks Building 817-Replace and Restore All Components to Advanced Individual Training Standard Barracks	10,168	B

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370	Fort Leonard Wood	MO	Training Barracks Building 818-Replace and Restore All Components to Advanced Individual Training Standard Barracks	10,168	B
371	Fort Leonard Wood	MO	Training Barracks Building 1028-Replace and Restore All Components to Advanced Individual Training Standard Barracks	10,168	B
372	Fort Leonard Wood	MO	Dining Facility Building 820-Replace and Restore All Components	6,500	B
373	Fort Leonard Wood	MO	Ops Building 822-Replace and Restore All Components to Advanced Individual Training Standard BN Ops	2,828	B
374	Fort Leonard Wood	MO	Asphalt Requirements	2,000	P
375	Fort Leonard Wood	MO	Replace Boilers - 600, 700, & 800 Areas	2,000	O
376	Fort Leonard Wood	MO	Replace Railroad Bridge, 14.7	1,700	P
377	Fort Leonard Wood	MO	Provide Air Conditioning System for Gyms - 600, 700, & 800 Areas	1,500	Q
378	Fort Leonard Wood	MO	Replace High Temp Boiler #1, B-1021	1,500	E
379	Fort Leonard Wood	MO	Replace High Temp Boiler #2, B-1021	1,500	E
380	Fort Leonard Wood	MO	Replace Air Conditioning Systems in Specker Admin Facs	1,200	E
381	Fort Leonard Wood	MO	Repair Taxiway Alphas Pavement	523	O
382	Fort Leonard Wood	MO	Upgrade/Replace Fire Alarm Equipment	500	Q
383	Fort Leonard Wood	MO	Replace High Temp Heat Sys W/Boilers, B-5400	350	E
384	Fort Leonard Wood	MO	Replace Obsolete Boilers, B-749/837	350	O
385	Fort Leonard Wood	MO	Replace Cooling Tower @ B1021	250	O
386	Fort Leonard Wood	MO	Upgrade Interior of Chapels, B-637/843	223	Q
387	Fort Leonard Wood	MO	Replace 2 Cast Iron Section Boilers, B-826	213	Q
388	Fort Leonard Wood	MO	Repair Exterior of Chapels, B-450/637/742/843/1712	200	Q
389	Fort Leonard Wood	MO	Repair leaking Boilers	200	Q
390	Fort Leonard Wood	MO	Replace Old Am-150 Boilers, B-2030	160	B
391	Fort Leonard Wood	MO	Replace Sectional Hot Water Boiler, B-1000	125	Q
392	Fort Leonard Wood	MO	Repair Asphalt Road @Lora	100	P

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393	Fort Leonard Wood	MO	Upgrade BACNET digital Controls	40	O
394	Fort Bragg	NC	Repair and Resurface Taxiways M,K, L and Repair SE and SW Parking Apron at Simmons Army Airfield	4,431	O
395	Fort Bragg	NC	Repair Failed Runway 11/29 Surface @ Camp Mackall Army Airfield	2,127	P
396	Fort Bragg	NC	Repair Failed Concrete Spalling on the Center Ramp @ Simmons Army Airfield, Building P-4541	2,093	O
397	Fort Bragg	NC	Repair Concrete Slabs, Soil Undermining and Replace A 30" Reinforced Concrete Pipe and A 72" Corrugated Metal Pipe at Taxiway Juliet at the Southeast & Southwest Parking Apron and North Parallel to the Hot Refuel Area at Simmons Army Airfield	948	O
398	Fort Bragg	NC	Repair and Correct Failed Safety Deficiency @ Plank Road & Wayside Road	905	P
399	Fort Bragg	NC	Repair Culvert and Control Erosion at West Luzon Below the Railroad Track Bed	850	P
400	Fort Bragg	NC	Repair Failed Stormwater Management System @ Vic of Dyer Street in the Historic Area	800	P
401	Fort Bragg	NC	Repair and Resurface Fredrick Fitness Center Parking Lot	500	P
402	Fort Bragg	NC	Repair and Resurface the Dol Access Road to the Aircraft Engine Test Area, Huey Loop	400	P
403	Fort Bragg	NC	Replace the Failing Traffic Signals and the Pedestrian Crossings @ Butner Road & Reilly Road Intersection	374	P
404	Fort Bragg	NC	Upgrade and Signalize the Intersection of Chicken Road and Canopy Lane	300	P
405	Picatinny Arsenal	NJ	Repairs to Dams- Picatinny Lake & L Denmark	2,300	P
406	Picatinny Arsenal	NJ	B3150 Repair Roof	1,800	R
407	Picatinny Arsenal	NJ	Chiller Replacements Building 1, 92 and 94	500	E
408	Picatinny Arsenal	NJ	Siding Replacement	450	O
409	Picatinny Arsenal	NJ	B-12 Level Parking Lot	417	P



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410	Picatinny Arsenal	NJ	Renovate Old Firehouse to Outdoor Rec Facility	400	Q
411	Picatinny Arsenal	NJ	Replace Existing Service Water Line	400	E
412	Picatinny Arsenal	NJ	B-173 Replace Airconditioning	300	Q
413	Picatinny Arsenal	NJ	Repair Street Lights	150	E
414	Picatinny Arsenal	NJ	Chiller Replacements	150	E
415	Picatinny Arsenal	NJ	B351 Repair & Paint Exterior of Building	100	O
416	Picatinny Arsenal	NJ	B-3111 Repair Roof	80	R
417	Picatinny Arsenal	NJ	B3329 Repair Roof	80	R
418	Picatinny Arsenal	NJ	Building 455 Repair Roof	80	R
419	Picatinny Arsenal	NJ	A/E Waterline Design	75	U
420	Picatinny Arsenal	NJ	B3106 Repair Roof	75	R
421	Picatinny Arsenal	NJ	B-617 Repair Roof	60	R
422	Picatinny Arsenal	NJ	Expand/Upgrade Telemetry & industrial control Sys	50	E
423	Picatinny Arsenal	NJ	Hardwire Telemetry System	50	E
424	Picatinny Arsenal	NJ	B68 Replace Roof	35	R
425	Picatinny Arsenal	NJ	Repair/Replace Electric Heaters	29	E
426	Picatinny Arsenal	NJ	Roof Repair	25	R
427	White Sands Missile Range	NM	Repair Range Road 1 Facility # 85110 from El Paso Gate to Cantonment Area	3,700	P
428	White Sands Missile Range	NM	Repair Range Route 21 Facility # 85110	2,404	P
429	White Sands Missile Range	NM	Replace Water Main Mar Well	2,219	E
430	White Sands Missile Range	NM	Overlay Shoulders Las Cruces Gate Access Misc. Repairs	723	P
431	White Sands Missile Range	NM	Exterior Paint Mult. Facilities	677	Q
432	White Sands Missile Range	NM	Phase 4 Roadway Lighting	500	E
433	White Sands Missile Range	NM	Repair/Replace Roofing Multiple Facilities	285	R
434	White Sands Missile Range	NM	Repair/Replace Safety Roof Railing Facility # 29739	250	R
435	White Sands Missile Range	NM	Rehabilitate Stallion Water Well #2	205	U
436	White Sands Missile Range	NM	Instal Light Poles	100	E
437	White Sands Missile Range	NM	Lightning & Surge Protection	50	E
438	White Sands Missile Range	NM	Repair/Replace Safety Roof Railing Faciltiy # 31590	50	R

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439	White Sands Missile Range	NM	Repair/Replace Safety Roof Railing Facility #34550	50	R
440	White Sands Missile Range	NM	Repair Degradated Roof, Building# 01362, Rec Ctr	42	R
441	Fort Drum	NY	Repair Clay Tile Sanitary Sewer Mains to Eliminate Infiltration	4,896	E
442	Fort Drum	NY	Replace Asbestos & Cast Iron Water Mains	4,896	E
443	Fort Drum	NY	Replace Failing Boilers in Legacy Barracks	4,560	B
444	Fort Drum	NY	Roof Repair Building P-4475	3,500	O
445	Fort Drum	NY	Repair Building P10660 Motor Pool-Replace Roof and Repair Doors	3,000	O
446	Fort Drum	NY	Repair Building P10670 Motor Pool-Replace Roof and Repair Doors	3,000	O
447	Fort Drum	NY	Repair Building P10680 Motor Pool-Replace Roof and Repair Doors	3,000	O
448	Fort Drum	NY	Repair Building P10580 Motor Pool-Replace Roof and Repair Doors	2,700	O
449	Fort Drum	NY	Repair Building P10570 Motor Pool-Replace Roof and Repair Doors	2,500	O
450	Fort Drum	NY	Replace Failing Primary Electrical Service to Ammo Area	2,323	E
451	Fort Drum	NY	Small Building Control Sys	1,950	E
452	Fort Drum	NY	Replace Wells 6 and 8	1,684	E
453	Fort Drum	NY	Renovate Barracks P-10234-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,500	B
454	Fort Drum	NY	Renovate Barracks P-10232-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,444	B
455	Fort Drum	NY	Renovate Barracks P-10134-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,411	B
456	Fort Drum	NY	Replace Failing Telemetry System	1,400	U
457	Fort Drum	NY	Repair (4) Railroad Crossings	1,375	P
458	Fort Drum	NY	Renovate Barracks P-10112-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,349	B

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459	Fort Drum	NY	Renovate Barracks P-10122-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,349	B
460	Fort Drum	NY	Renovate Barracks P-10132-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,349	B
461	Fort Drum	NY	Renovate Barracks P-10212-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,349	B
462	Fort Drum	NY	Renovate Barracks P-10222-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,349	B
463	Fort Drum	NY	Replace Primary Electrical Circuit # 1	1,334	E
464	Fort Drum	NY	Renovate Barracks P-10114-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,277	B
465	Fort Drum	NY	Renovate Barracks P-10124-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,277	B
466	Fort Drum	NY	Renovate Barracks P-10214-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,277	B
467	Fort Drum	NY	Renovate Barracks P-10224-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,277	B
468	Fort Drum	NY	Renovate Barracks P-4422-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,246	B
469	Fort Drum	NY	Renovate Barracks P-4432-Repair Doors, Ceilings, Walls, Electric, Plumbing	1,246	B
470	Fort Drum	NY	Repair Railroad - ISR Rating Red	1,000	P
471	Fort Drum	NY	Field House Bathrooms @ Youth Services Sport Field (ISR Red)	826	Q
472	Fort Drum	NY	Repair Munns Corners Road at Asp	800	P
473	Fort Drum	NY	Repair/Replace Bridge 29	800	P
474	Fort Drum	NY	Repairs to Failing Components of Chapel P-10785	800	Q
475	Fort Drum	NY	Repair Preaction Deluge Sprinkler System in Hangar 2049	700	O
476	Fort Drum	NY	Repair 5050 Ft of Lewis Ave Roadway	606	P
477	Fort Drum	NY	Repair Water Tank #3	551	U

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478	Fort Drum	NY	Repair/Upgrade HVAC in Dining Facility P-10550, 3rd BCT	500	E
479	Fort Drum	NY	Repair Barracks P-20332, Cab - 2/10 Aviation BN-Repair Doors, Ceilings, Walls, Electric, Plumbing	400	B
480	Fort Drum	NY	Repair Barracks P-20368, Cab - 2/10 Aviation BN-Repair Doors, Ceilings, Walls, Electric, Plumbing	400	B
481	Fort Drum	NY	Repair Barracks P-4412, SBDE-Repair Doors, Ceilings, Walls, Electric, Plumbing	400	B
482	Fort Drum	NY	Repair Barracks P-4414, SBDE-Repair Doors, Ceilings, Walls, Electric, Plumbing	400	B
483	Fort Drum	NY	Repair Existing Fire Alarm System, Youth Center, P10790 (Component - Red)	397	Q
484	Fort Drum	NY	Repair Signal Controllers & Mastheads Iraqi Freedom Drive	350	P
485	Fort Drum	NY	Repair Signal Controllers & Mastheads	300	P
486	Fort Drum	NY	Repair Failing Air Conditioning System P10690	250	E
487	Fort Drum	NY	Repair Power Distribution Centers	250	O
488	Fort Drum	NY	Repair Main St Railroad Crossing	200	P
489	Fort Drum	NY	Upgrade 3rd BCT Headquarters, P10500	200	O
490	Fort Drum	NY	Upgrade Electric System, P-4400	200	O
491	Fort Drum	NY	Replace Existing at Grade Railroad Crossing on Lewis Ave	150	P
492	Fort Drum	NY	Repair Approx 700 Ft of Failing Roadway	126	P
493	Fort Drum	NY	Repair 460 Ft of Main Street	110	P
494	Fort Drum	NY	Replace Drain at Reservoir	91	U
495	Fort Drum	NY	Repair Restore Hope Roadway	80	P
496	Fort Drum	NY	Install Indirect Evap Cooling, P-10690	55	E
497	Fort Drum	NY	Repair Electrical in Barracks 3rd Bde	50	B
498	Fort Drum	NY	Repair Electrical in Barracks P4412	50	B
499	Fort Hamilton	NY	Remodel Building 402, Fitness Center-Restore All Finishes and Systems	970	Q

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500	Watervliet Arsenal	NY	Building 110 Window Replacement	1,440	O
501	Watervliet Arsenal	NY	Hanger Apron & Pavement Restoration	1,400	O
502	West Point Mil Reservation	NY	Postwide Manhole Repairs	6,600	E
503	West Point Mil Reservation	NY	Repairs to Steam Lines, Vaults and Tunnels	4,400	E
504	West Point Mil Reservation	NY	Storm Sewer Rehab Investigation/Design	1,532	P
505	West Point Mil Reservation	NY	Bradley Barracks Water Infiltration Repairs - Exterior Flashing	1,509	B
506	West Point Mil Reservation	NY	B756, 4ls, Bradley Barracks Water Infiltration Repairs (Ventilation)	1,225	B
507	West Point Mil Reservation	NY	Repair Walls @ Ft. Putnam	1,076	Q
508	West Point Mil Reservation	NY	Repairs to Mine Lake Dam	750	P
509	West Point Mil Reservation	NY	Renewable Energy at Recycling Center	650	E
510	West Point Mil Reservation	NY	Alter Cadet Chapel With Lightning Protection	600	Q
511	West Point Mil Reservation	NY	Tree Removal Plan for Lake Fredrick Dam	600	P
512	West Point Mil Reservation	NY	B753 Bartlett Hall Upgrade Computer Control System	156	O
513	West Point Mil Reservation	NY	B601 Thayer Hall Moat Repave	122	O
514	West Point Mil Reservation	NY	B756, 4 LS, Bradley Barracks Mold/Mildew Water Infiltration Repairs (Paint)	115	B
515	West Point Mil Reservation	NY	B900 Keller Hospital Fire and Smoke Wall Repairs	100	O
516	West Point Mil Reservation	NY	B727 Ramp to Cooling Tower at Arvin Gym	60	O
517	West Point Mil Reservation	NY	B601 Repair Stone Walkway to 4th Floor	37	O
518	West Point Mil Reservation	NY	B727 Inst Power & Controls to Exhaust Fans	30	O
519	West Point Mil Reservation	NY	Alter Electrical System at Morgan Farms	25	Q
520	West Point Mil Reservation	NY	B601 Repair/Replace Emergency Doors North End 1st Floor	15	O
521	West Point Mil Reservation	NY	B707 Gross Olympic Sports Center Repair Roof Leaks	11	R
522	McAlester Army Ammunition Plant	OK	Water Main Utility Repair	5,300	E
523	McAlester Army Ammunition Plant	OK	Electric Utility Repair	4,850	E
524	McAlester Army Ammunition Plant	OK	Rail Line Work	1,500	P
525	McAlester Army Ammunition Plant	OK	Repave Roads to DAC, DRMS and Other Tenant Areas	725	P
526	Carlisle Barracks	PA	Energy Efficiency Upgrades for Building 452	550	E

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527	Carlisle Barracks	PA	Retrofit Street Lights with Energy Fixtures	420	E
528	Carlisle Barracks	PA	Energy Efficiency Upgrades for Building 314	225	E
529	Carlisle Barracks	PA	Renovate War College Facility, Building 118, Phase 1	200	Q
530	Carlisle Barracks	PA	Energy Efficiency Upgrades at Building 330	175	E
531	Carlisle Barracks	PA	Repair Roof Valleys on Upton Hall B-22	160	R
532	Carlisle Barracks	PA	Replace High Voltage Cables on Main Loop	130	E
533	Carlisle Barracks	PA	Sewer Line Inspection, Repairs and Metering	70	E
534	Carlisle Barracks	PA	Repair Roof on Youth Teen Club B-637	25	R
535	Carlisle Barracks	PA	Repair the Roof on the Health Clinic B-450	25	R
536	Carlisle Barracks	PA	Repair the Roof on the Post Exchange B-844	25	R
537	Letterkenny Army Depot	PA	Rehabilitate Industrial Waste Collection System, Building. 37 – 1	1,250	U
538	Letterkenny Army Depot	PA	Hazmat Pad Expansion, Building 357	750	O
539	Tobyhanna Army Depot	PA	Db Water Dist Sys Restoration & Upgrade	1,500	E
540	Fort Jackson	SC	Replace Heating Water Distribution from Central Plant #2 to Hospital Zone	3,406	E
541	Fort Jackson	SC	Repair Findings Identified By Commissioning at Various Buildings	3,000	E
542	Fort Jackson	SC	Resurface Wildcat Road	1,500	P
543	Fort Jackson	SC	Resurface and Repair Dixie Road	1,200	P
544	Fort Jackson	SC	Repair Propane Storage Facility	1,170	E
545	Fort Jackson	SC	Renovate B5625 (Former Hood Street School)	1,100	Q
546	Fort Jackson	SC	Repair Messers Pond Culvert	950	P
547	Fort Jackson	SC	Repair Failed Stormwater Systems at Strom Thurmond Blvd and Tank Hill	900	P
548	Fort Jackson	SC	Resurface Sumter Ave	888	P
549	Fort Jackson	SC	Place Energy Management Control Systems Controls on LAN	861	E
550	Fort Jackson	SC	Resurface Magruder Ave	700	P
551	Fort Jackson	SC	Replace HVAC at Building 4600	632	E
552	Fort Jackson	SC	Resurface Washington and Anderson Street	376	P

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553	Fort Jackson	SC	Replace Failed Roof on B1860	306	R
554	Fort Jackson	SC	Renovate HVAC in Building 5975 W/New Energy Efficient Equipment	250	E
555	Fort Jackson	SC	Replace Failed Roof on B10000	250	R
556	Fort Jackson	SC	Replace Chiller in B2100 W/New Energy Efficient Chiller	200	E
557	Fort Jackson	SC	Replace B10000 Chiller	150	O
558	Fort Jackson	SC	Replace Chiller in Building 12650 W/ A New Energy Efficient Chiller	100	E
559	Fort Hood	TX	Repair Building 28000, Div Headquarters, Building 28000, 1st CD	4,452	O
560	Fort Hood	TX	Repair West Range Road, from Clabber Creek to Henson Mtn	4,000	P
561	Fort Hood	TX	Deployment Infrastructure-Repairs to airfield Taxiways and Runways	3,000	P
562	Fort Hood	TX	Repair Failing Mechanical Equipment	3,000	E
563	Fort Hood	TX	Replace Outdated Chillers and Boilers	3,000	E
564	Fort Hood	TX	Repair Building 29016, Co Headquarters, Building 29016, 3/1 CD-Restore All Finishes and Systems	2,525	O
565	Fort Hood	TX	Repair Building 29007, Co Headquarters, Building 29007, 3/1 CD-Restore All Finishes and Systems	2,475	O
566	Fort Hood	TX	Repair Building 39008, Phys Fit Ctr, Building 39008, 13esc,-Restore All Finishes and Systems	2,377	O
567	Fort Hood	TX	Repair Building 29011, Co Headquarters, Building 29011, 3/1 CD-Restore All Finishes and Systems	2,275	O
568	Fort Hood	TX	Repair Building 29004, Co Headquarters, Building 29004, 3/1 CD-Restore All Finishes and Systems	2,270	O
569	Fort Hood	TX	Repair Building 91039, Vehicle Maint Shop, Building 91039, 504th	2,175	O
570	Fort Hood	TX	Repair Building 29006, Brigade Headquarters, Building 29006, 3/1 CD, -Restore All Finishes and Systems	1,875	O

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571	Fort Hood	TX	Repair Warehouse Building 49015-Restore All Finishes and Systems	1,800	O
572	Fort Hood	TX	Repair Building 91026, Co Headquarters, Building 91026, 504th-Restore All Finishes and Systems	1,775	O
573	Fort Hood	TX	Repair Building 39016, Brigade Headquarters, Building 39016-Restore All Finishes and Systems	1,675	O
574	Fort Hood	TX	Repair Building 29013, BN Headquarters, Building 29013, 3/1 CD-Restore All Finishes and Systems	1,575	O
575	Fort Hood	TX	Repair Building 91027, BN Headquarters, Building 91027, 504th-Restore All Finishes and Systems	1,575	O
576	Fort Hood	TX	Repair Building 29015, BN Headquarters, Building 29015, 3/1 CD-Restore All Finishes and Systems	1,522	O
577	Fort Hood	TX	Repair Building 29014, Brigade Headquarters, Building 29014, 3/1 CD-Restore All Finishes and Systems	1,375	O
578	Fort Hood	TX	Repair Deficiencies Found on Inspections of Dams	1,100	P
579	Fort Hood	TX	Repair Deficiencies Found on Inspections of Bridges	807	P
580	Fort Hood	TX	Restripe Base Roads for Bicycle/Pedestrian Traffic	594	P
581	Red River Army Depot	TX	Repair/Improve Heating and Ventilation in Building 493	1,200	E
582	Red River Army Depot	TX	Repair 5th Street	950	P
583	Red River Army Depot	TX	Repair Fire Protection in 5 Buildings	925	O
584	Red River Army Depot	TX	Repair Floor in Building 343	275	O
585	Dugway Proving Ground	UT	Replace Swamp Coolers Headquarters	150	O
586	Tooele Army Depot	UT	Repair Fire Suppression Systems	2,100	O
587	Tooele Army Depot	UT	Repair Roads	735	P
588	Fort A.P. Hill	VA	Repair/Replace Bathrooms in Wilcox Barracks	700	B
589	Fort A.P. Hill	VA	Gregg/Lent Road Bridge	575	P
590	Fort A.P. Hill	VA	Improve Safety of Wilcox Landing Site	290	P
591	Fort A.P. Hill	VA	Replace Doors Wilcox Camp	200	B
592	Fort A.P. Hill	VA	Lower Ceilings in Dining Facility (Wilcox)	150	B
593	Fort A.P. Hill	VA	Repair Beaver Dam Water Control Structure	150	P



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
594	Fort A.P. Hill	VA	Replace Exhaust Fans in Wilcox Dining Facility	75	B
595	Fort A.P. Hill	VA	Install Siding and New Windows to 1637	70	B
596	Fort A.P. Hill	VA	Replace Roof 1641 on Dining Facility in Wilcox	65	R
597	Fort A.P. Hill	VA	Replace Roof on 1690 Dining Facility Wilcox	65	R
598	Fort A.P. Hill	VA	Paint Interior of Dining Facility	60	B
599	Fort A.P. Hill	VA	Replace All Wilcox Dining Facility Doors	60	B
600	Fort Belvoir	VA	Decentralize Heating Plant, Building 808	4,200	E
601	Fort Belvoir	VA	Decentralize Heating Plant, 12th Street	3,200	E
602	Fort Belvoir	VA	Replace Farrar Road Bridge Facno3291, Davison Army Airfield	2,600	P
603	Fort Belvoir	VA	Repair/Alter Building 257, SJA office	2,500	O
604	Fort Belvoir	VA	Replace HVAC System, Building 201	2,000	E
605	Fort Belvoir	VA	Replace Windows/Repair Insulation, Exterior Façade, and Vapor Barrier, VOLAR Barracks, Building 2109	1,900	B
606	Fort Belvoir	VA	Repair HVAC, Building 20, Officers Club	1,800	E
607	Fort Belvoir	VA	Replace Windows/Repair, Insulation, Exterior Façade and Vapor Barrier, VOLAR Barracks, Building 2111	1,700	B
608	Fort Belvoir	VA	Replace Approach/Departure Lights/Controls, Davison	1,215	O
609	Fort Belvoir	VA	Repair Facilities 3202, 3203 Fixed and Rotary Wing Parking Apron	945	P
610	Fort Belvoir	VA	Repair 16th Street	875	P
611	Fort Belvoir	VA	Removal and Replacement of fuel storage tanks	650	Q
612	Fort Belvoir	VA	Building 200, Fire Suppression System	500	Q
613	Fort Belvoir	VA	Repair HVAC. Building 246, Communications Center	500	E
614	Fort Belvoir	VA	Bridge Repairs	400	P
615	Fort Belvoir	VA	Replace Storm Water Lines, Mount Vernon Road	400	P
616	Fort Belvoir	VA	Repair/Seal Leaking Basements, 200-Area	350	O
617	Fort Belvoir	VA	Replace Kitchen, Building 1003, Youth Center	79	Q
618	Fort Eustis	VA	Repair Steam Distribution at Central Heating and Cooling Plant, Building 801	2,573	E
619	Fort Eustis	VA	Mill, Resurface & Restrip Runway, FAAF	1,674	O

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
620	Fort Eustis	VA	HVAC System Repairs for Energy Conservation, Building 814	1,022	E
621	Fort Eustis	VA	HVAC System Repairs for Energy Conservation, Building 804	1,002	E
622	Fort Eustis	VA	HVAC System Repairs for Energy Conservation, Building 810	918	E
623	Fort Eustis	VA	HVAC System Repairs for Energy Conservation, Building 815	918	E
624	Fort Eustis	VA	Renovate Latrines & HVAC, Building 810	910	E
625	Fort Eustis	VA	Renovate Hangar, Building 2413, Ph 1	650	O
626	Fort Eustis	VA	Install Left Turn Lanes & Repave Lee Blvd	502	P
627	Fort Eustis	VA	Mill & Repave Washington Blvd	500	P
628	Fort Eustis	VA	Restore Steam Dist/Cond Return System, 1400 Area and Barracks Mech Rooms	450	E
629	Fort Eustis	VA	Install Traffic Signal at Intersection of Madison Onto Lee, Construct New Left Turn Lane	316	P
630	Fort Eustis	VA	Install Sprinkler Systems in Public Assembly Building, Building 828	306	Q
631	Fort Eustis	VA	Upgrade & Expand Weight & Circuit Area, Building 643	272	Q
632	Fort Eustis	VA	Enhanced Equipment Energy Conservation Automation, 900 Block	62	E
633	Fort Eustis	VA	Chemical Clean Boilers, Buildings 587 & 2701	50	E
634	Fort Lee	VA	Lee Club HVAC Replacement	3,000	E
635	Fort Lee	VA	Repair/Improve 11th Street, Quartermaster Rd to A Avenue	2,000	P
636	Fort Lee	VA	HVAC Replacement Phase A, Wing "A" Almc	1,734	E
637	Fort Lee	VA	Replace HVAC, Clark Fitness Center	800	E
638	Fort Lee	VA	Repair Bridges	572	P
639	Fort Lee	VA	McLaughlin Fitness Center, HVAC and Electrical, Cardio Room	250	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
640	Fort Myer	VA	Design & Install Fire Sprinkler System, Building 407, Myer	750	Q
641	Fort Story	VA	Chesapeake Bay Shoreline Restoration	2,198	P
642	Fort Story	VA	Repair Central Heating and Cooling Plant, Building 865	629	E
643	Fort Lewis	WA	Repair DPT Training Facility-Repair Windows, Walls, Floors, Roof, Ceilings, Elect, Etc	14,500	Q
644	Fort Lewis	WA	Repair Sanitary Sewerlines - Failing Vitrified Clay Pipes	4,000	U
645	Fort Lewis	WA	Replace Stacks on Three Boiler Plants	1,748	E
646	Fort Lewis	WA	Repair Sidewalks in Historic Garrison Area	1,250	P
647	Fort Lewis	WA	Replace Electrical Distribution Systems in Greenwood Housing	1,200	E
648	Fort Lewis	WA	Repair Primary Treatment Clarifiers at Wastewater Treatment Plant	1,097	E
649	Fort Lewis	WA	Repair Small Arms Range #105	1,000	O
650	Fort Lewis	WA	Repair Small Arms Range #106	1,000	O
651	Fort Lewis	WA	Repair Small Arms Range #107	1,000	O
652	Fort Lewis	WA	Repair Small Arms Range #108	1,000	O
653	Fort Lewis	WA	Repair Small Arms Range #109	1,000	O
654	Fort Lewis	WA	Repair Small Arms Range #110	1,000	O
655	Fort Lewis	WA	Repair Roads and Clean Roofs/Gutters	670	R
656	Fort Lewis	WA	Repair Railroad Ave- Mann to Alder	400	P
657	Fort Lewis	WA	Repair 12th St from Pendleton to Bitar Ave.	300	P
658	Fort Lewis	WA	Install 3 Stack Economizers in Existing Boiler Stacks	255	E
659	Fort Lewis	WA	Recommission Facilities	250	E
660	Fort Lewis	WA	Repair Pendleton Ave Between Main St to Lewis Dr	250	P
661	Fort Lewis	WA	Add Right Turn Lane to West Way Intersecting Clark Road	200	P
662	Fort Lewis	WA	Install Stack Economizers in Existing Boiler Stacks	166	E
663	Fort Lewis	WA	Flagship Paint, Replace Carpet, Clean 593 Headquarters Facility, Fac 12235	150	O
664	Fort Lewis	WA	Flagship Replace Carpet and Paint Facility	150	O

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
665	Fort Lewis	WA	Flagship Construct and Repair Latrines in 5-2 Brigade Headquarters Facility 3204	100	O
666	Fort Lewis	WA	Flagship Paint, Replace Carpet, Clean 21 TC Co Facility, Fac 12327	100	O
667	Fort Lewis	WA	Flagship Paint, Replace Carpet, Clean 497 TC Co Facility, Fac 12437	100	O
668	Fort Lewis	WA	Flagship Paint, Replace Carpet, Clean 593 HHC Headquarters, Fac 12341	100	O
669	Fort Lewis	WA	Flagship Construct Showers in Latrine Areas, 3-2 SBCT, 3651, BN Headquarters	50	O
670	Fort Lewis	WA	Flagship Construct Showers in Latrine Areas, 3-2 SBCT, 3734, BN Headquarters	50	O
671	Fort Lewis	WA	Flagship Hookup Power to Lights in Parking Lot & Bball Court, 555 En BN, Fac 12663	35	O
672	Fort McCoy	WI	Repair Roof on Recreation Center	25	R

<b>ARMY RESERVE</b>				<b>98,269</b>	
673	Parks RFTA	CA	Barracks HVAC/Power repairs	4,790	E
674	Parks RFTA	CA	Whole Facility Repairs Training Barracks BLDG 1152	3,295	B
675	99th RSC	MA	Corporal Gordon M. Craig Army Reserve Center Full Facility Restoration	12,200	O
676	Fort Dix/DRFTA	MA	Roof Replacement and Whole Facility Repair, Training Barracks, Building 697	3,200	O
677	Fort Dix/DRFTA	MA	Interior Repair and Alteration, Training Barracks, Building 693	1,930	O
678	Fort Dix/DRFTA	MA	Interior Repair and Alteration, Training Barracks, Building 695	1,930	O
679	Fort Dix/DRFTA	MA	Interior Repair and Alteration, Operation Facility, Building 694	1,470	O
680	Fort Dix	NJ	Interior/Exterior Repairs, Museum, Building 6501	750	O
681	Fort Buchanan	PR	Repair Substation (Brown Feeder Repairs)	8,500	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
682	Fort Buchanan	PR	Roof and Exterior Repairs, Army Reserve Center (Aguadilla, PR)	1,054	O
683	99th RSC	RI	Esek Hopkins AFRC Full Facility Restoration	12,000	O
684	88th RSC	WA	Tacoma Pier Facility Phase 2	16,000	O
685	Fort McCoy	WI	Whole Facility Renovation, Block 1700, Barracks	14,114	B
686	Fort McCoy	WI	Whole Facility Renovation, 1800 Block- Barracks, Admin	5,213	B
687	Fort McCoy	WI	Repair/improve Maintenance Facilities, Block 2800	1,680	B
688	Fort McCoy	WI	Repair/improve Maintenance Facilities, Block 2600	1,680	B
689	Fort McCoy	WI	Repair/improve Maintenance Facilities Block 2500	1,680	B
690	Fort McCoy	WI	Repair/improve Maintenance Facilities Block 2400	1,680	B
691	Fort McCoy	WI	Repair Asphalt Roads	1,583	P
692	Fort McCoy	WI	Whole Facility Renovation, 1600 Block- Barracks	1,400	B
693	Fort McCoy	WI	Repair/improve Maintenance Facilities, Block 2700	1,120	B
694	Fort McCoy	WI	Replace Water Main	1,000	E

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695	Bethel AAOF	AK	Beth AAOF Insulate North Wall	150	E
696	NG Bryant Airfield	AK	Install Solar Heat for HVAC System	320	E
697	NG Fairbanks Arm OMS	AK	Repair Roof Old Section	320	R
698	NG Fairbanks Arm OMS	AK	Stim-Energy Roof Replacement	250	R
699	NG Fairbanks Arm OMS	AK	Solar Electrical System	166	E
700	NG Kenai Armory	AK	Energy Roof Replacement	500	R
701	NG Kotzebue Arm OMS	AK	Energy Replace Roof	500	R
702	NG Nome AAOF	AK	Install Solar Heat Wall	200	E
703	NG Nome AAOF	AK	Install Energy Efficient Lighting	150	E
704	NG Nome Arm OMS	AK	Install Energy Efficient Lighting	90	E
705	NG Nome Arm OMS	AK	Install Energy Efficient Lighting	50	E
706	Fort McClellan ARNG Training Center	AL	Bring all of Building 1022 (Barracks) up to Current Repair Standards	1,512	B

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
707	Fort McClellan ARNG Training Center	AL	Bring all of Building 1216 (Barracks) up to Current Repair Standards	438	B
708	Fort McClellan ARNG Training Center	AL	Bring all of Building 1222 (Bn Hq) up to Current Repair Standards	309	B
709	John H Forney RC Jacksonville	AL	Bring Jacksonville Readiness Center Up to Current Energy Standards	87	E
710	Julis W Hicks RC Enterprise	AL	Bring Enterprise Readiness Center Up to Current Energy Standards	79	E
711	Quarles Flowers AFRC Decatur	AL	Bring Decatur AFRC Interior Building Spaces Up to Current Building Standards	84	E
712	Quarles Flowers AFRC Decatur	AL	Bring Decatur AFRC Up to Current Energy Standards	60	E
713	Army National Guard Aviation Support Facility 3 Bates Field Mobile	AL	Seal Concrete Pavement	385	P
714	Army National Guard Aviation Support Facility 02 Birmingham	AL	Center Renovation	500	E
715	Birmingham AFRC	AL	Oxmoor Rd Energy Conservation	292	E
716	Charles A Rollo RC Auburn	AL	Upgrade Building Systems	76	E
717	Fort McClellan ARNG Training Center	AL	Roof Replacement - Sotd Building	260	R
718	Fort McClellan ARNG Training Center	AL	Building 2281-HVAC Upgrades	222	E
719	Fort McClellan ARNG Training Center	AL	Building 1060-HVAC Upgrades	185	E
720	Fort McClellan ARNG Training Center	AL	Building 2290-Replace HVAC Chiller	134	E
721	Fort McClellan ARNG Training Center	AL	Bld 2281 Upgrade Building Systems	66	E
722	Fort McClellan ARNG Training Center	AL	Bld 2299 Upgrade Building Systems	55	E
723	Fort McClellan ARNG Training Center	AL	Bld 1333 Upgrade Building Energy Mgmt System	39	E
724	Fort McClellan ARNG Training Center	AL	Bld 2221 Upgrade Building Systems	35	E
725	Fort McClellan ARNG Training Center	AL	Bld 1060 Upgrade Building Systems	34	E
726	Fort McClellan ARNG Training Center	AL	Bld 2220 Upgrade Building Systems	34	E
727	Fort McClellan ARNG Training Center	AL	Building 2 Paint	30	Q
728	Fort McClellan ARNG Training Center	AL	Building 8425 Upgrade Building Systems	29	E
729	Fort McClellan ARNG Training Center	AL	Building 8439 Install HVAC	28	E
730	Fort McClellan ARNG Training Center	AL	Bld 2293 Upgrade Building Systems	27	E

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
731	Fort McClellan ARNG Training Center	AL	Bld 1001 Upgrade Building Systems	27	E
732	Fort McClellan ARNG Training Center	AL	Energy Conserv-B1077	27	E
733	Fort McClellan ARNG Training Center	AL	Bld 2276 Upgrade Building Systems	20	E
734	Fort McClellan ARNG Training Center	AL	Bld 2275 Upgrade Building Systems	18	E
735	Fort McClellan ARNG Training Center	AL	Bld 2277 Upgrade Building Systems	16	E
736	Fort McClellan ARNG Training Center	AL	Building 8426 Upgrade Building Systems	9	E
737	Fort McClellan ARNG Training Center	AL	Building 2262 Upgrade Building Systems	8	E
738	Fort McClellan ARNG Training Center	AL	Building 1220 Upgrade Building Systems	8	E
739	Fort McClellan ARNG Training Center	AL	Building 1062 Upgrade Building Systems	5	E
740	Fort McClellan ARNG Training Center	AL	Water Line Installation	4	E
741	Frank F Horton RC Andalusia	AL	Field Maint Shop #8 Upgrade Building Systems	11	E
742	Montgomery JFHQ AFRC/Combined Support Maintenance Shop 01	AL	Replace Comm Fiber/Copper Cable	750	U
743	OMS 11 Birmingham	AL	Field Maint Shop #9 Upgrade Building Systems	63	E
744	OMS 11 Birmingham	AL	Field Maint Shop #6 Upgrade Building Systems	21	E
745	OMS 11 Birmingham	AL	Field Maint Shop #18 Upgrade Building Systems	21	E
746	OMS 11 Birmingham	AL	Field Maint Shop #22 Upgrade Building Systems	11	E
747	R W Shepherd RC Hope Hull	AL	Seal Concrete Pavement	437	P
748	R W Shepherd RC Hope Hull	AL	Hope Hull Upgrade Building Systems	141	E
749	Taylor Hardin RC Montgomery	AL	Ft. Taylor-Hardin Upgrade Building System	93	E
750	Wendell K Taylor RC Brundidge	AL	Field Maint Shop #14 Upgrade Building Systems	18	E
751	Wendell K Taylor RC Brundidge	AL	Field Maint Shop #16 Upgrade Building Systems	17	E
752	Camp Joseph T Robinson	AR	Bring PEC Multi-Use Facility Up to Current Building Standards	1,549	E
753	Camp Joseph T Robinson	AR	Bring Independence Hall Up to Current Energy Standards	150	E
754	Camp Joseph T Robinson	AR	Cr1404 Energy Mgmt Control System	40	E
755	Camp Joseph T Robinson	AR	PEC Truman Hall Window Repl	26	E
756	Camp Joseph T Robinson	AR	Cr03400 Energy Mgmt Control System	22	E
757	Camp Joseph T Robinson	AR	Cr06200 Energy Mgmt Control System	13	E
758	Camp Joseph T Robinson	AR	Cr07300 Energy Mgmt Control System	12	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
759	Camp Joseph T Robinson	AR	Cr06404 Energy Mgmt Control System	10	E
760	Camp Joseph T Robinson	AR	Cr05130 Energy Mgmt Control System	10	E
761	Camp Joseph T Robinson	AR	Cr06400 Energy Mgmt Control System	10	E
762	Camp Joseph T Robinson	AR	Cr17300 Energy Mgmt Control System	10	E
763	Camp Joseph T Robinson	AR	Cr17301 Energy Mgmt Control System	10	E
764	Camp Joseph T Robinson	AR	Cr04403 Energy Mgmt Control System	7	E
765	Camp Joseph T Robinson	AR	Cr02600 Energy Mgmt Control System	7	E
766	Camp Joseph T Robinson	AR	Cr07202 Energy Mgmt Control System	7	E
767	Camp Joseph T Robinson	AR	Cr0358 Energy Mgmt Control System	6	E
768	Camp Joseph T Robinson	AR	Cr06500 Energy Mgmt Control System	6	E
769	Camp Joseph T Robinson	AR	Cr06203 Energy Mgmt Control System	4	E
770	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
771	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
772	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
773	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
774	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
775	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	1,512	E
776	Fort Chaffee MTC	AR	Barracks Renovation Lighting HVAC	621	E
777	Fort Chaffee MTC	AR	Lighting Replacement	542	E
778	Fort Chaffee MTC	AR	Barracks Insulation/Fan	159	E
779	Fort Chaffee MTC	AR	Replace Water Heaters	148	E
780	Fort Chaffee MTC	AR	Energy Mgmt Control System Installation	140	E
781	Fort Chaffee MTC	AR	Bldg 1589 Energy Mgmt Control System/ HVAC/ T-8 Lights	63	E
782	Fort Chaffee MTC	AR	Utility Metering	30	E
783	Fort Chaffee MTC	AR	Bldg 1390 Energy Mgmt Control System/ HVAC/ T-8 Lights	22	E
784	Fort Chaffee MTC	AR	Bldg 1389 Energy Mgmt Control System/ HVAC/ T-8 Lights	13	E
785	Fort Chaffee MTC	AR	Bldg 1584 Energy Mgmt Control System	10	E
786	Fort Chaffee MTC	AR	Bldg 1756 HVAC/T8 Lights Install	8	E



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787	Fort Chaffee MTC	AR	Bldg 7047 Energy Mgmt Control System System	8	E
788	Fort Chaffee MTC	AR	Bldg 1313 EMCS/Replace Lights	7	E
789	Fort Chaffee MTC	AR	Bldg 7046 Energy Mgmt Control System Installation	7	E
790	Fort Chaffee MTC	AR	Bldg 7104 Energy Mgmt Control System System	3	E
791	Hazen	AR	Hazen Armory Recommissioning	39	E
792	Warren Armory and FMS05	AR	Retro-Commissioning	39	E
793	Camp Navajo	AZ	Bring Building 1, Installation Hq, Up to Current Energy Standards	2,847	E
794	Camp Navajo	AZ	Upgrade HVAC	71	E
795	Papago Military Reservation	AZ	Install BACNET System	29	E
796	Papago Military Reservation	AZ	Health Clinic	6	E
797	Papago Military Reservation	AZ	Install High Efficiency Water Heater	5	E
798	Papago Park Military Reservation Combined Support Maintenance Shop	AZ	Install Solar Array	90	E
799	Papago Park Military Reservation Combined Support Maintenance Shop	AZ	Install Lighting	6	E
800	Roosevelt Armory	AZ	Roosevelt Energy Audit	27	E
801	Silver Bell Army Heliport	AZ	Repair Pump Station	250	E
802	Silver Bell Army Heliport	AZ	Replace Boiler	8	E
803	Tempe Readiness Center	AZ	Install BACNET System	36	E
804	Inglewood FMS	CA	HVAC/Elec Upgrade/Window Replacement & Latrines	714	E
805	Long Beach Combined Support Maintenance Shop	CA	Roof/HVAC Replacment Buildings - F,D,B,C	1,200	E
806	MTC-H Camp Roberts	CA	Window Replacement 4000 Area	1,930	E
807	MTC-H Camp Roberts	CA	Window Replacement 5000 Area	1,930	E
808	MTC-H Camp Roberts	CA	Sub Panel Replacements for WWII Barracks	1,552	B
809	MTC-H Camp Roberts	CA	Upgrade Building Energy Management System Building 25026	1,525	E
810	MTC-H Camp Roberts	CA	Replace Water Mian From Well C4A to C5A	1,328	E
811	MTC-H Camp Roberts	CA	Upgrade Building Systems Building 25021	1,112	E
812	MTC-H Camp Roberts	CA	Gas Line Replacement	929	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
813	MTC-H Camp Roberts	CA	Water Well	710	E
814	MTC-H Camp Roberts	CA	Repair Waterline From S-1 to 5000 Area	661	E
815	MTC-H Camp Roberts	CA	Upgrade Building Systems Building 25011	547	E
816	MTC-H Camp Roberts	CA	Building 6023 (Victory Theater) Siding	305	E
817	MTC-H Camp Roberts	CA	Upgrade Building Systems Building 6023	284	E
818	MTC-H Camp Roberts	CA	Tank N-1 Erosion Repair	263	U
819	MTC-H Camp Roberts	CA	Tank S-1 Erosion Repair	106	U
820	Salinas Field Maint Shop	CA	Renovation (Roof, HVAC, Int & Ext Paint, Breakroom)	1,500	E
821	Santa Ana FMS	CA	Renovation (Roof, HVAC, Int & Ext Paint, Breakroom)	1,500	E
822	TS AFRC Los Alamitos	CA	Upgrade Building Systems Hangar Roof	7,121	E
823	Aurora	CO	Bring Readiness Center Up to Current Energy Standards	75	E
824	Aurora / BAFB	CO	Bring Readiness Center Up to Current Energy Standards	75	E
825	Aurora / BAFB	CO	Bring Readiness Center Up to Current Energy Standards	75	E
826	Combined Support Maintenance Shop	CO	Bring Readiness Center Up to Current Energy Standards	150	E
827	Denver	CO	Bring Readiness Center Up to Current Energy Standards	75	E
828	Fort Carson	CO	Bring Readiness Center Up to Current Energy Standards	150	E
829	Golden	CO	Bring Readiness Center Up to Current Energy Standards	75	E
830	Golden	CO	Bring Readiness Center Up to Current Energy Standards	25	E
831	Grand Junction	CO	Bring Readiness Center Up to Current Energy Standards	25	E
832	Gypsum	CO	Bring Readiness Center Up to Current Energy Standards	100	E
833	Rocky Ford	CO	Bring Readiness Center Up to Current Energy Standards	50	E
834	Sterling	CO	Bring Readiness Center Up to Current Energy Standards	50	E
835	Watkins	CO	Bring Readiness Center Up to Current Energy Standards	75	E
836	Aurora	CO	Statewide Install Meter Equip	14	E
837	Aurora	CO	Statewide Install Meter Equip	14	E
838	Aurora / BAFB	CO	Statewide Install Meter Equip	58	E
839	Aurora / BAFB	CO	Statewide Install Meter Equip	14	E
840	Aurora / BAFB	CO	Statewide Install Meter Equip	14	E
841	Aurora / BAFB	CO	Statewide Install Meter Equip	14	E
842	Aurora / BAFB	CO	Statewide Install Meter Equip	14	E
843	Aurora / BAFB	CO	Statewide Install Meter Equip	14	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
844	Buckley AFB (Enclave)	CO	Boiler Replace Building 1500	495	E
845	Canon City	CO	Statewide Install Meter Equip	14	E
846	Centennial	CO	Joc Heat Pump System	65	E
847	Centennial	CO	Statewide Install Meter Equip	29	E
848	Centennial	CO	Statewide Install Meter Equip	14	E
849	Centennial	CO	Statewide Install Meter Equip	14	E
850	Co. Springs	CO	Statewide Install Meter Equip	14	E
851	Del Camino	CO	Statewide Install Meter Equip	58	E
852	Denver	CO	Statewide Install Meter Equip	23	E
853	Denver	CO	Statewide Install Meter Equip	14	E
854	Field Maint Shop 3 Grand Junction	CO	Install Photo Voltaic on FMS	750	E
855	Fort Collins	CO	Window Replacement	200	E
856	Fort Carson	CO	Statewide Install Meter Equip	58	E
857	Fort Carson	CO	Statewide Install Meter Equip	17	E
858	Fort Carson	CO	Statewide Install Meter Equip	17	E
859	Fort Collins	CO	Statewide Install Meter Equip	14	E
860	Golden	CO	Statewide Install Meter Equip	14	E
861	Golden	CO	Statewide Install Meter Equip	14	E
862	Grand Junction	CO	Statewide Install Meter Equip	17	E
863	Gypsum	CO	Statewide Install Meter Equip	17	E
864	La Junta	CO	Statewide Install Meter Equip	14	E
865	Pueblo	CO	Statewide Install Meter Equip	23	E
866	Rocky Ford	CO	Statewide Install Meter Equip	14	E
867	Sterling	CO	Statewide Install Meter Equip	14	E
868	Sterling	CO	Statewide Install Meter Equip	14	E
869	Watkins	CO	Statewide Install Meter Equip	12	E
870	Watkins	CO	Statewide Install Meter Equip	12	E
871	Watkins	CO	Statewide Install Meter Equip	12	E
872	AVCRAD Groton	CT	Replace Two Unit Heaters	6	E
873	Camp Hartell	CT	Nedtc Utilities Project	750	U
874	Camp Rell	CT	Install Metal Roof, 800 Series	605	R

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
875	Enfield Armory	CT	Install Energy Management System	38	E
876	Hartford Armory OMS 8a	CT	Install Energy Management System	981	E
877	New Haven AFRC	CT	Install Energy Management System	82	E
878	Norwalk Armory	CT	Install Energy Management System	55	E
879	Rockville Armory	CT	Install Energy Management System	38	E
880	Stratford Armory OMS 9	CT	Install Energy Management System	55	E
881	Waterbury Armory	CT	Install Energy Management System	218	E
882	D.C. Armory	DC	Armory Roof Repair	1,700	R
883	D.C. Armory	DC	replace Basement Lighting	720	E
884	Dagsboro	DE	Install Geothermal System at Readiness Center	564	E
885	River Road Training Site	DE	Upgrade HVAC at USPFO	619	E
886	1401 Armory	DE	1401 Windows Replacement	44	E
887	TS BBTS	DE	Bbts Electrical Upgrade Option	406	E
888	William Nelson Readiness Center	DE	Middletown Window Replacements	6	E
889	Wilmington	DE	JFHQ Windows replacement	327	E
890	Haines City Readiness Center	FL	Repair Entire Field Maint Shop to Current Building Standards	750	Q
891	MTC Camp Blanding	FL	Bring Entire USPFO Warehouse to Current Building Standards	550	E
892	MTC Camp Blanding	FL	Construct Range Targetry Building 4579	365	O
893	MTC Camp Blanding	FL	Construct Land Management Complx Ph4	365	O
894	MTC Camp Blanding	FL	Bring Entire Troop Medical Clinic Up to Current Building Standards	360	Q
895	MTC Camp Blanding	FL	Bring Billeting Office Up to Current Building Standards	180	O
896	MTC Camp Blanding	FL	Bring Building 5750 Up to Current Building Standards	38	Q
897	Jacksonville Cecil Fld Army National Guard Aviation Support Facility1	FL	Cecil Field Building 858 HVAC Replacement	275	E
898	Jacksonville Cecil Fld Army National Guard Aviation Support Facility1	FL	Cecil Field Building 858 Reroof	65	R
899	MTC Camp Blanding	FL	Install HVAC in Area C	390	E
900	MTC Camp Blanding	FL	Install HVAC in Area "D"	390	E

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901	MTC Camp Blanding	FL	Install HVAC in Area "E"	390	E
902	MTC Camp Blanding	FL	Const M-P Machine Gun Range	350	O
903	Sarasota Readiness Center	FL	Replace Heaters Field Maint Shop 14	7	E
904	St Augustine USPFO	FL	Replace Outdoor Lights	50	E
905	West Palm Bch/Babcock Center	FL	Replace HVAC	18	E
906	Atlanta – Confederate Ave	GA	Bring Field Maint Shop and Army National Guard Aviation Support Facility Up to Current Energy Standards	250	E
907	Atlanta – Confederate Ave	GA	Repair Readiness Center Roof	250	E
908	Dublin	GA	Bring Readiness Center Up to Current Building Standards	750	E
909	Forsyth	GA	Bring Readiness Center Up to Current Building Standards	733	E
910	Henry D Russell Arm	GA	Bring Readiness Center Up to Current Building Standards	706	E
911	Henry D Russell Arm	GA	Bring Readiness Center Up to Current Building Standards	579	E
912	Hinesville	GA	Bring Readiness Center Up to Current Building Standards	452	E
913	Savannah	GA	Bring Readiness Center Up to Current Building Standards	750	E
914	Statesboro Armory	GA	Bring Readiness Center Up to Current Building Standards	800	E
915	Thomasville	GA	Bring Readiness Center Up to Current Building Standards	537	E
916	Albany	GA	Backflow Prevention Install	20	E
917	Atlanta – Confederate Ave	GA	HVAC Life Cycle Replacement	40	E
918	Atlanta – Confederate Ave	GA	HVAC Life Cycle Replacement	10	E
919	Atlanta – Confederate Ave	GA	HVAC Life Cycle Replacement	5	E
920	Atlanta – Confederate Ave	GA	HVAC Life Cycle Replacement	3	E
921	Augusta	GA	HVAC Life Cycle Replacement	5	E

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922	Calhoun	GA	HVAC Life Cycle Replacement	5	E
923	Decatur	GA	HVAC Life Cycle Replacement	13	E
924	Forsyth	GA	HVAC Life Cycle Replacement	20	E
925	Ga Garrison Training Center	GA	Replace HVAC and Ductwork	86	E
926	Ga Garrison Training Center	GA	Upgrade Electrical	81	E
927	Ga Garrison Training Center	GA	Windows Sills replacement	78	E
928	Macon Old RTI Site	GA	Repair Roof	5	R
929	Macon Old RTI Site	GA	Replace Roof	5	R
930	Oglethorpe Armory	GA	HVAC Life Cycle Replacement	3	E
931	Washington	GA	HVAC Life Cycle Replacement	5	E
932	Winder BRW Airport	GA	HVAC Life Cycle Replacement	5	E
933	Fort Ruger	HI	Electrical Upgrade	250	E
934	Regional Training Institute	HI	HVAC Auto Controls Pv Sys Inst	750	E
935	Regional Training Institute	HI	Est Building With Photovoltaic Roof	750	E
936	Boone	IA	Relamp Workbay	10	E
937	Camp Dodge Johnston TS	IA	Replace Roof	500	R
938	Camp Dodge Johnston TS	IA	Replace Roof	500	R
939	Camp Dodge Johnston TS	IA	Replace Roof	350	R
940	Camp Dodge Johnston TS	IA	Replace Roof	350	R
941	Camp Dodge Johnston TS	IA	Replace Roof	150	R
942	Camp Dodge Johnston TS	IA	Replace Roof	150	R
943	Centerville	IA	Relamp Building	6	E
944	Council Bluffs	IA	Relamp Workbays	15	E
945	Davenport Army National Guard Aviation Support Facility	IA	Window Repair/Replacement	30	E
946	Davenport OMS	IA	Relamp Workbays	15	E
947	Dubuque	IA	Relamp Offices	4	E
948	Fairfield OMS	IA	Relamp Workbays	15	E
949	Knoxville	IA	Readiness Center Add/Alt	672	O
950	Mason City	IA	Relamp Offices	5	E
951	Oskaloosa	IA	Relamp Offices	8	E

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952	Red Oak	IA	Relamp Workbays	12	E
953	Sioux City	IA	Relamp Workbays	15	E
954	Storm Lake	IA	Relamp Workbays	8	E
955	Waterloo Airport	IA	Relamp Workbays	8	E
956	ASP	ID	Exterior Lighting Upgrade Building systems	50	E
957	Caldwell FMS2	ID	Install digital controls	40	E
958	Edgemeade TS Moutain Home	ID	Install digital controls	60	E
959	Gowen Field Boise	ID	Immelman Street Under Ground Power	225	E
960	Gowen Field Boise	ID	500 Blk Security Lighting	200	E
961	Gowen Field Boise	ID	Replace Lighting in RTI Barracks	187	E
962	Gowen Field Boise	ID	Building 1502 Digital Controls	130	E
963	Gowen Field Boise	ID	Building 555 DDC Controls	50	E
964	Idaho Falls Armory Field Maint Shop 6	ID	Install digital controls	70	E
965	Jerome Armory	ID	Install digital controls	45	E
966	Jerome FMS4	ID	Install digital controls	60	E
967	Mates	ID	Exterior Lighting Upgrade Building Systems	50	E
968	Moscow Armory	ID	Install digital controls	38	E
969	Nampa Armory FMSs2	ID	Install digital controls	30	E
970	Orchard Mates	ID	Install digital controls	80	E
971	Orofino Armory	ID	Install digital controls	38	E
972	Payette Armory	ID	Install digital controls	30	E
973	Rexburg Armory	ID	Install digital controls	45	E
974	Rigby Armory	ID	Install digital controls	45	E
975	Chicago (Northwest RC)	IL	Glass Block Replacement	225	E
976	Crestwood Armory Field Maint Shop 02	IL	Repair Vehicle Exhaust	50	E
977	Decatur Readiness Center Field Maint Shop 04	IL	Replace Wash Platform/Load Ramp	80	E
978	Elgin Armory	IL	Building Rehab (Energy System)	625	E
979	Litchfield Armory	IL	Litchfield Structural Repair	600	E
980	Litchfield Armory	IL	Unit Supply, Locker Rm Add/Alt	504	Q

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
981	Litchfield Armory	IL	Upgrade Electrical System	250	E
982	Peoria Army National Guard Aviation Support Facility # 3	IL	Repair Windows Building 2	150	E
983	Peoria Army National Guard Aviation Support Facility # 3	IL	Replace Exterior Windows RC	130	E
984	Springfield (TS Cp Lincoln)	IL	Replace Light Fixtures USPFO	280	E
985	Sullivan Readiness Center	IL	Upgrade Elec Sys	415	E
986	West Frankfort Readiness Center	IL	Unit Supply, Locker Rm Add/Alt	504	Q
987	West Frankfort Readiness Center	IL	Upgrade Electrical System	305	E
988	Camp Atterbury	IN	RTI Roof Replacement	750	R
989	Lebanon	IN	Window Replacement	425	E
990	Seymour	IN	Seymour RC Roof replacement	26	R
991	South Bend	IN	Repair HVAC	915	E
992	Stout Field Indianapolis	IN	Energy	4,860	E
993	Stout Field Indianapolis	IN	RC Roof Replacements	2,343	R
994	Fort Riley	KS	Headquarters Building	740	E
995	Hays Readiness Center	KS	Field Maint Site #1 Light Upgrade	18	E
996	JFHQ - Kansas	KS	Field Maint Site #9 Light Upgrade	28	E
997	Kansas City Readiness Center	KS	Kansas City Light Upgrade	18	E
998	Manhattan Readiness Center	KS	Assembly Hall Light Upgrade	73	E
999	Salina Ks Training Center	KS	Nickell Hall Energy Study	60	E
1000	Topeka Forbes Field	KS	Army National Guard Aviation Support Facility #1 Upgrade HVAC	179	E
1001	Topeka Forbes Field	KS	Building 680 Remodel Latrine	130	Q
1002	Topeka Forbes Field	KS	Hangar 680 Flooring Coating	100	E
1003	Topeka Forbes Field	KS	Hanger 680 Lighting Upgrade	84	E
1004	Topeka Forbes Field	KS	Hangar 681 Lighting Upgrade	84	E
1005	Topeka Forbes Field	KS	Hangar 682 Lighting Upgrade	84	E
1006	Topeka Forbes Field	KS	Hangar 682 Flooring Coating	75	E
1007	Topeka Forbes Field	KS	Intall HVAC, Office & Latrine	44	E
1008	Disney Training Center	KY	Solar Energy Improvement	600	E



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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
1009	Disney Training Center	KY	Energy Upgrade	200	E
1010	Field Maint Shop 10 Bowling Green	KY	Install Oil Heaters	20	E
1011	Field Maint Shop 2 London	KY	Install Oil Heaters	20	E
1012	Field Maint Shop 3 Lexington	KY	Electrical System and Window Upgrade	240	E
1013	Field Maint Shop 6 Jackson	KY	HVAC and Window Upgrade	200	E
1014	Field Maint Shop 8 Louisville	KY	Electrical Upgrade	180	E
1015	Field Maint Shop 8 Louisville	KY	Install Oil Heaters	20	E
1016	Statewide	KY	Occupancy Sensors	12	E
1017	W.H. Ford Regional Training Center	KY	Whfrtc Solar Panels	600	E
1018	W.H. Ford Regional Training Center	KY	Install digital controls	400	E
1019	W.H. Ford Regional Training Center	KY	Building 321 Roof Replacement	366	R
1020	W.H. Ford Regional Training Center	KY	Unit Training Equipment Site Energy Upgrade	240	E
1021	W.H. Ford Regional Training Center	KY	Building 310 Roof Replacement	172	R
1022	W.H. Ford Regional Training Center	KY	Building 311 Roof Replacement	170	R
1023	W.H. Ford Regional Training Center	KY	Building 302 Roof Replacement	165	R
1024	W.H. Ford Regional Training Center	KY	Building 303 Roof Replacement	165	R
1025	W.H. Ford Regional Training Center	KY	Building 304 Roof Replacement	165	R
1026	W.H. Ford Regional Training Center	KY	Building 313 Roof Replacement	90	R
1027	W.H. Ford Regional Training Center	KY	Building 320 Roof Replacement	86	R
1028	W.H. Ford Regional Training Center	KY	Upgrade Bulbs and Ballast in T-12 Fixtures to T-8	75	E
1029	W.H. Ford Regional Training Center	KY	Building 312 Roof Replacement	68	R
1030	W.H. Ford Regional Training Center	KY	Building 305 Roof Replacement	50	R
1031	Camp Beauregard	LA	Upgrade Street Lights to Solar	660	E
1032	Camp Beauregard	LA	Dining Facility Building 1007 Energy Sys Replacement	625	E
1033	Camp Beauregard	LA	Energy Audit on Admin Buildings	7	E
1034	Camp Minden Training Site	LA	Renovate Unit Training Equipment Site-M	30	E
1035	Otis AFB	MA	Upgrade HVAC/Lighting, Army National Guard Aviation Support Facility #1	715	E
1036	BG Louis G. Smith	MD	Upgrade Easton Locker HVAC	25	E
1037	Cong Steny Hoyer Armory	MD	Replace Roof Unit	15	E
1038	Edgewood Area APG	MD	Install Energy Hangar Doors	626	E

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1039	Edgewood Area APG	MD	Army National Guard Aviation Support Facility Replace Heat System	250	E
1040	MTA Camp Fretterd	MD	Repair underground Electrical	700	E
1041	MTA Camp Fretterd	MD	Repair Bldg 209 Heating System	25	E
1042	Bangor Training Site	ME	Repair Training Site Water Main	115	E
1043	Bangor Training Site	ME	Air Field Crack Seal	90	P
1044	Camp Keyes Training Site	ME	Building 37 Boiler/Piping Replacement	170	E
1045	Camp Keyes Training Site	ME	Building 39 Computer Room HVAC	145	E
1046	Camp Keyes Training Site	ME	Building 14, 35 Heat System Upgrade	100	E
1047	Camp Keyes Training Site	ME	Building 37 Overhead Door Replacement	75	E
1048	Camp Keyes Training Site	ME	Building 35 Overhead Door Replacement	65	E
1049	Houlton Armory	ME	Houlton Armory Windows	42	E
1050	Portland Armory, FMS	ME	Field Maint Site 1, Repair Crane, Vehicle Exhaust system	244	E
1051	Portland Armory, FMS	ME	Field Maint Shop 1 High Efficiency Boiler Installation	50	E
1052	Portland Armory, FMS	ME	Field Maint Shop 1 Improved Insulation	10	E
1053	CTC Fort Custer Training Center	MI	Utility / Water	750	U
1054	CTC Fort Custer Training Center	MI	Utility / Sewer	750	U
1055	CTC Fort Custer Training Center	MI	Utility / Electrical	750	U
1056	Lansing Joint Headquarters	MI	Reserve Center Improvements	750	E
1057	Lansing Joint Headquarters	MI	Upgrade State digital controls System	696	E
1058	Lansing USPFO	MI	Replace Windows-Olin South	350	E
1059	MTC-H Camp Grayling	MI	Utility / Water	750	U
1060	MTC-H Camp Grayling	MI	Utility / Sewer	750	U
1061	MTC-H Camp Grayling	MI	Utility / Electrical	750	U
1062	MTC-H Camp Grayling	MI	Infrastructure Roads	750	P
1063	Bemidji NG Armory	MN	Install Backup Heat	170	E
1064	Brainerd NG Armory	MN	Install Backup Heat	170	E
1065	Camp Ripley	MN	Replace Heating System	552	E
1066	Camp Ripley	MN	Install Insulation	68	E
1067	Camp Ripley	MN	Dehumidify Water Treatment	57	E

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
1068	Camp Ripley	MN	Replace Heaters	57	E
1069	Duluth NG Armory	MN	Install Backup Heat	170	E
1070	Hibbing NGA and Field Maint Shop 13	MN	Replace Boiler	34	E
1071	Inver Grove Hieghts Armory	MN	Install Backup Heat	170	E
1072	Jackson NG Armory	MN	Install Backup Heat	170	E
1073	Minneapolis	MN	Install Backup Heat	170	E
1074	Rosemount NG Armory	MN	Install Backup Heat	170	E
1075	St. Peter NG Armory	MN	Install Backup Heat	156	E
1076	Willmar NGA and Field Maint Shop 13	MN	Replace Heating System	678	E
1077	Kings Highway	MO	Replace Main Boiler	70	E
1078	Springfield Aviation Classification and Repair Activity Depot	MO	Strat Fans/Therm Equal	30	E
1079	Ike Skelton Jefferson City Training Site	MO	Replace Chillers	150	E
1080	Ike Skelton Jefferson City Training Site	MO	Replace Air Handling Unit, Rts-M	100	E
1081	Ike Skelton Jefferson City Training Site	MO	Replace Warehouse Lights	70	E
1082	Ike Skelton Jefferson City Training Site	MO	Replace RTU 1	50	E
1083	Ike Skelton Jefferson City Training Site	MO	Upgrade Building Controls	39	E
1084	Magee	MS	Rehabilitate Latrines	399	Q
1085	MTA Camp Shelby	MS	Upgrade Building Systems 3200 Block	1,373	E
1086	MTA Camp Shelby	MS	Upgrade Building Systems 2900 Block	1,168	E
1087	MTA Camp Shelby	MS	Upgrade Building Systems 3100 Block	1,168	E
1088	MTA Camp Shelby	MS	Upgrade Building Systems 2800 Block	1,166	E
1089	MTA Camp Shelby	MS	Upgrade Building Systems 2700 Block	1,053	E
1090	MTA Camp Shelby	MS	Upgrade Building Systems 2100 Block	987	E
1091	MTA Camp Shelby	MS	Upgrade Building Systems 2500 Block	950	E
1092	MTA Camp Shelby	MS	Upgrade Building Systems 3300 Block	921	E
1093	MTA Camp Shelby	MS	Upgrade Building Systems 2400 Block	897	E
1094	MTA Camp Shelby	MS	Upgrade Building Systems 2300 Block	835	E
1095	MTA Camp Shelby	MS	Upgrade Building Systems 2000 Block	738	E
1096	MTA Camp Shelby	MS	Upgrade Building Systems 1900 Block	659	E
1097	MTA Camp Shelby	MS	Replace Refrigeration Units	321	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1098	Tago	MS	JFH Window Replacement	87	E
1099	Anaconda Readiness Center	MT	Vault Upgrades to Meet AR 190-11	75	O
1100	Billings AFRC	MT	Mechanical System Improvements	188	E
1101	Billings AFRC	MT	Install Lighting Controls	45	E
1102	Billings AFRC	MT	Install Water Recycler	19	E
1103	Billings MIRF	MT	Install digital controls	12	E
1104	Butte AFRC	MT	Vault Upgrades to Meet AR 190-11	93	O
1105	Chinook Readiness Center	MT	Reroof Center	105	R
1106	Fort Missoula Field Maint Shop 2	MT	Install digital controls	9	E
1107	Fort Missoula Field Maint Shop 2	MT	Bdlg 327 Attic Insulation	3	E
1108	Fort Wm Henry Harrison (MTA)	MT	Helicopter Dip Station/FireFighting Point	279	O
1109	Fort Wm Henry Harrison (MTA)	MT	Fth Field Maint Shop & M0001 Heating Sys Upgrade	250	E
1110	Fort Wm Henry Harrison (MTA)	MT	Barracks Envelope Upgrade	125	E
1111	Fort Wm Henry Harrison (MTA)	MT	Hot Water System Rehabilitation	85	E
1112	Fort Wm Henry Harrison (MTA)	MT	Building 412 Energy Upgrade	30	E
1113	Glasgow Readiness Center	MT	Install digital controls	6	E
1114	Great Falls Readiness Center	MT	Rebalance Air System	11	E
1115	Hamilton Readiness Center	MT	Reroof Center	94	R
1116	Hamilton Readiness Center	MT	Vault Upgrades to Meet AR 190-11	75	O
1117	Helena Field Maint Shop 3	MT	Field Maint Shop #3 Lighting Retrofit	24	E
1118	Lewistown Readiness Center	MT	Vault Upgrades to Meet AR 190-11	92	O
1119	Livingston Readiness Center	MT	Reroof Center	196	R
1120	Malta Readiness Center	MT	Reroof Center	97	R
1121	Womak Readiness Center	MT	Reroof Center	207	R
1122	Womak Readiness Center	MT	Vault Upgrades to Meet AR 190-11	165	O
1123	Gastonia	NC	Armory Add/ Alt-AMF	750	O
1124	Bismarck RJB Complex	ND	Chiller Replacement	164	E
1125	Camp Grafton	ND	Barracks Plumbing Fixture Replacement	604	E
1126	Camp Grafton	ND	Roof Replacement Bn Complex	530	R
1127	Camp Grafton	ND	HVAC Replacement	458	E
1128	Camp Grafton	ND	Barracks Lighting Upgrade	245	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1129	Camp Grafton	ND	Lighting Replacement	94	E
1130	Camp Grafton	ND	Lighting Replacement	26	E
1131	Minot AFRC	ND	Lighting Replacement	168	E
1132	Camp Ashland Training Site	NE	CATS Building 501 Exterior Insulation Finish System	100	E
1133	Camp Ashland Training Site	NE	CATS Building 502 Exterior Insulation Finish System	100	E
1134	Camp Ashland Training Site	NE	CATS Building 503 Exterior Insulation Finish System	100	E
1135	Camp Ashland Training Site	NE	CATS Building 504 Exterior Insulation Finish System	100	E
1136	Camp Ashland Training Site	NE	CATS Building. 505 Exterior Insulation Finish System	100	E
1137	Camp Ashland Training Site	NE	CATS Building. 508 Exterior Insulation Finish System	100	E
1138	Camp Ashland Training Site	NE	CATS Building 400 Roof replacement	36	R
1139	Camp Ashland Training Site	NE	CATS Building. 401 Roof replacement	36	R
1140	Camp Ashland Training Site	NE	CATS Building. 402 Roof replacement	36	R
1141	Camp Ashland Training Site	NE	CATS Building. 403 Roof replacement	36	R
1142	Camp Ashland Training Site	NE	CATS Building. 404 Roof replacement	36	R
1143	Greenlief Training Site/Utes 01	NE	GTS Washrack Modifications	100	E
1144	Greenlief Training Site/Utes 01	NE	Repair/replace Range Commo Lines	95	U
1145	Greenlief Training Site/Utes 01	NE	GTS Building. 600 Exterior Insulation Finish System	95	E
1146	Greenlief Training Site/Utes 01	NE	Bld 600 Fire Protection System	45	Q
1147	Greenlief Training Site/Utes 01	NE	GTS Building. 610 Fire Protection System	45	Q
1148	Greenlief Training Site/Utes 01	NE	GTS Building. 620 Fire Protection System	45	Q
1149	Greenlief Training Site/Utes 01	NE	GTS Building. 610 Exterior Insulation Finish System	30	E
1150	Greenlief Training Site/Utes 01	NE	GTS Building 620 Exterior Insulation Finish System	30	E
1151	Lincoln Army National Guard Aviation Support Facility/Readiness Center	NE	Penterman HVAC Replacement	2,022	E
1152	Lincoln Army National Guard Aviation Support Facility/Readiness Center	NE	Army National Guard Aviation Support Facility #1 Front Siding	300	E
1153	Hillsborough FMS	NH	Replace Plumbing	188	E
1154	Hillsborough FMS	NH	Refloor center	25	Q
1155	Hillsborough FMS	NH	Replace Existing Windows	19	E
1156	Littleton FMS	NH	Replace Plumbing	188	E
1157	Littleton FMS	NH	Resurface and Restripe Organizational Parking	100	P

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1158	Littleton FMS	NH	Refloor center	25	Q
1159	Littleton FMS	NH	Replace Existing Windows	19	E
1160	Manchester FMS	NH	Replace Plumbing	188	E
1161	Manchester FMS	NH	Refloor center	25	Q
1162	Manchester FMS	NH	Replace Existing Windows	19	E
1163	New Hampshire National Guard Training Site	NH	Barracks(Roof Replacement, Window & Door Projects, Etc)	3,050	E
1164	Smr Combined Support Maintenance Shop	NH	Replace Plumbing	188	E
1165	Smr Combined Support Maintenance Shop	NH	Refloor center	25	Q
1166	Smr Combined Support Maintenance Shop	NH	Replace Existing Windows	19	E
1167	State Military Reservation	NH	100% Federal Buildings Upgrades (Lighting, Flooring, Heating & Cooling)	1,000	E
1168	State Military Reservation	NH	Camp Labonte St01 Improvement	3	E
1169	Cape May	NJ	Replace Field Maint Shop Lighting	99	E
1170	Dover Picatinny Arsenal	NJ	Replace Field Maint Shop Lighting	99	E
1171	Fort Dix TS	NJ	Replace Field Maint Shop Lighting	99	E
1172	Hackettstown	NJ	Replace HVAC	264	E
1173	Naval Air Station Lakehurst TS Naval Air Station	NJ	Energy Efficient Renovation	72	E
1174	Lawrenceville	NJ	Replace Field Maint Shop Lighting	99	E
1175	Morristown	NJ	Replace Roof	515	R
1176	Sea Girt NJ NGTC	NJ	Replace Field Maint Shop Lighting	99	E
1177	Somerset	NJ	HVAC Replacement	250	E
1178	Somerset	NJ	Window Replacement	150	E
1179	Somerset	NJ	Replace Field Maint Shop Lighting	99	E
1180	Somerset	NJ	Renovate Bathrooms	63	Q
1181	Teaneck	NJ	Replace Vacuum Boiler Feed	121	E
1182	Teaneck	NJ	Replace Field Maint Shop Lighting	99	E

**American Recovery and Reinvestment Act of 2009**  
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**Facilities Sustainment, Restoration, and Modernization Project List**

	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
1183	Trenton Mercer Aviation	NJ	Replace Field Maint Shop Lighting	99	E
1184	Vineland	NJ	Replace Field Maint Shop Lighting	99	E
1185	West Orange	NJ	Boiler Replacement	300	E
1186	West Orange	NJ	Replace Sewer Line	85	E
1187	Westfield	NJ	Replace Field Maint Shop Lighting	99	E
1188	Woodbury	NJ	Replace Roof	160	E
1189	Combined Support Maintenance Shop 2	NV	Combined Support Maintenance Shop Energy Retrofit	430	E
1190	Fairview Complex	NV	Combined Support Maintenance Shop 01 Energy Retrofit	275	E
1191	Fairview Complex	NV	Warehouse Pave and Power	275	E
1192	Fairview Complex	NV	Block Seal Fed Buildings	175	E
1193	Fairview Complex	NV	Statewide Crack Seal	112	P
1194	Henderson Complex	NV	Statewide Fed Air Conditioning Replacement	162	E
1195	Plumb Lane Armory	NV	Asphalt Remove and Replace	120	P
1196	Plumb Lane Armory	NV	Signal Fielding Shore Power	60	E
1197	Stead Training Site	NV	Asphalt Remove and Replace	240	P
1198	Stead Training Site	NV	HVAC Construction	84	E
1199	Stead Training Site	NV	Sts Window Replacement	42	E
1200	Stead Training Site	NV	Ac Repair Stead RTI	24	E
1201	Binghamton Armory/Field Maint Shop 13	NY	Binghamton-Efficient Lights	25	E
1202	Camp Smith / Combined Support Maintenance Shop A	NY	CS504-Barracks Rehab	2,100	E
1203	Camp Smith / Combined Support Maintenance Shop A	NY	CS505-Barracks Rehab	2,100	E
1204	Camp Smith / Combined Support Maintenance Shop A	NY	CS-Repair Retaining Wall	1,900	E
1205	Hornell Armory	NY	Hornell - Replace Boilers	150	E
1206	NG Rochester/Combined Support Maintenance Shop C	NY	Rochester CSMS-Install Exterior Insulation Finish System	1,516	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1207	Patriot Way RC / Field Maint Shop 11	NY	Replace HVAC	150	E
1208	Ronkonkoma Armory	NY	Replace Boiler/Hangerheat	630	E
1209	Akron (Hawkins)	OH	Roof Replacement Project	150	R
1210	Beightler Armory	OH	HVAC Renovation	1,500	E
1211	Beightler Armory	OH	Install 70Kw Solar Panels	560	E
1212	Beightler Armory	OH	Statewide Occupancy Sensors	375	E
1213	Camp Perry Training Site (CTC)	OH	Electric Distribution Upgrade	1,300	E
1214	Camp Perry Training Site (CTC)	OH	Water Distribution Upgrade	695	E
1215	Camp Perry Training Site (CTC)	OH	Tower Window Replace	49	E
1216	Cleveland	OH	Window & Door Replacement	59	E
1217	DSCC Building 24	OH	DSCC Building 24 Ext Fire Protection	500	E
1218	DSCC Building 24	OH	DSCC Building 11 Sec 10 Upgrades	100	E
1219	Green	OH	Roof Replacement	400	R
1220	Green	OH	Window & Door Replacement	75	E
1221	Lima	OH	Roof Replacement Project	150	R
1222	Middletown	OH	Plumbing Renovation	125	E
1223	Ravenna Training and Log Site	OH	Install 25 Kv Photovoltaic Power System	200	E
1224	Ravenna Training and Log Site	OH	Roof Repair	75	R
1225	Rickenbacker (MTA)	OH	Roof Replacement	741	R
1226	Rickenbacker (MTA)	OH	Waterline Renovation	600	E
1227	Sandusky	OH	Plumbing Renovation	125	E
1228	Stow	OH	Window & Door Replacement	59	E
1229	Toledo	OH	Install 81Kv Photovoltaic system	648	E
1230	Walbridge	OH	Window & Door Replacement	59	E
1231	ADA Field Maint Shop 5	OK	Energy System Update	43	E
1232	Altus Field Maint Shop 8	OK	Energy System Update	38	E
1233	Chandler Field Maint Shop 2	OK	Energy System Update	46	E
1234	Lawton Mates 72 Fort Sill	OK	Energy System Update	45	E
1235	Lexington Field Maint Shop 7	OK	Energy System Update	36	E
1236	Norman Combined Support Maintenance Shop	OK	Energy System Update	102	E



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1237	Oklahoma Military Department	OK	Energy System Update	50	E
1238	Regional Training Inst	OK	Energy System Update	156	E
1239	Sand Springs AFRC	OK	Energy System Update	210	E
1240	Stillwater Field Maint Shop 4	OK	Energy System Update	39	E
1241	Tulsa Army National Guard Aviation Support Facility No 2	OK	Energy System Update	124	E
1242	Tulsa Field Maint Shop 9	OK	Energy System Update	42	E
1243	Albany Armory	OR	Albany Armory/Motor Pool V/D	55	E
1244	Biak Training Center	OR	Renovate Restrooms & Showers	550	Q
1245	Biak Training Center	OR	Brett Hall Class Room Remodel	170	E
1246	Camp Withycombe Clackamas	OR	Armory Re-Roof	170	R
1247	Central Oregon Readiness Center	OR	Interior Repairs	300	E
1248	Coos Bay Armory	OR	Armory Renovation	350	E
1249	Hermiston Armory	OR	Hermiston Drill Floor HVAC	90	E
1250	Hood River Armory	OR	Hood River Armory Improvements (Ener Sys)	233	E
1251	MTA Camp Rilea	OR	Electrical Utility Infrastructure	400	E
1252	MTA Camp Rilea	OR	Utility Electrical Upgrade 7365T-7395T	350	E
1253	MTA Camp Rilea	OR	Utility Electrical Upgrade 7300T	300	E
1254	MTA Camp Rilea	OR	Utility Electrical Upgrade Tran 7003T	300	E
1255	MTA Camp Rilea	OR	Replace Existing Siding & Roof	200	E
1256	Salem Armory	OR	Armory Window Upgrade	60	E
1257	Allentown RC	PA	Replace Windows	150	E
1258	Berwick Readiness Center	PA	Renovations and Repaving	75	E
1259	Carbondale Clidco Drive RC	PA	Energy Renovations	38	E
1260	Clearfield RC	PA	Install New Boiler	75	E
1261	Connellsville Readiness Center	PA	Install Auto Trnf	50	E
1262	Everett Readiness Center	PA	Replace Boiler	70	E
1263	Fort Indiantown Gap	PA	Building 11-091 Roof Repair	900	R
1264	Fort Indiantown Gap	PA	Sanitary System Assmnt & Improvements	750	U
1265	Fort Indiantown Gap	PA	Sewer Line Replacement	750	U
1266	Fort Indiantown Gap	PA	Sewer Line Replacement	750	U

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1267	Fort Indiantown Gap	PA	Repair/Replace Leaking Sewer Lines	735	U
1268	Fort Indiantown Gap	PA	Army National Guard Aviation Support Facility Runway Sealing	725	P
1269	Fort Indiantown Gap	PA	Energy Mgmt System Installation	700	E
1270	Fort Indiantown Gap	PA	Energy Mgmt System Installation	700	E
1271	Fort Indiantown Gap	PA	Relocate Mk-19 Electric Line	622	E
1272	Fort Indiantown Gap	PA	Energy Mgmt System Installation	450	E
1273	Fort Indiantown Gap	PA	166 Regiment Dining Mech/Elect	425	E
1274	Fort Indiantown Gap	PA	Replace Boilers @ Building. 10-102	400	E
1275	Fort Indiantown Gap	PA	Replace Boiler @ Building. 08-071	150	E
1276	Fort Indiantown Gap	PA	Building 19-116 Roof Repair	120	R
1277	Fort Indiantown Gap	PA	Replace Windows (Building 19-117)	75	E
1278	Fort Indiantown Gap	PA	Replace Windows	70	E
1279	Fort Indiantown Gap	PA	Replace Boiler @ Building. 11-009	20	E
1280	Fort Indiantown Gap Area 0	PA	Install Energy Management System	720	E
1281	Fort Indiantown Gap Area 0	PA	Install Energy Management System	650	E
1282	Hamburg Readiness Center	PA	Renovate Center and Pave	100	Q
1283	Harrisburg Readiness Center	PA	Window and Door Replacement, Building 1	375	E
1284	Hermitage RC - Proposed	PA	Install Energy Management System	350	E
1285	Hermitage RC - Proposed	PA	Install Energy Management System	350	E
1286	Hermitage RC - Proposed	PA	Install Energy Management System	325	E
1287	Hermitage RC - Proposed	PA	Replace Windows	15	E
1288	Johnstown Walters Ave RC	PA	Install New Lighting	25	E
1289	Kane Readiness Center	PA	Insulate Drill Hall Ceiling	40	E
1290	Lehigh RC	PA	Energy Renovations	175	E
1291	Lock Haven RC	PA	Replace Windows & Doors	73	E
1292	Nanticoke Readiness Center	PA	Energy Renovations	100	E
1293	Philadelphia Ogontz RC	PA	Replace Windows & Doors	50	E
1294	Phoenixville RC	PA	Replace Windows & Doors	200	E
1295	Phoenixville RC	PA	Install Tankless Heater	13	E
1296	Pine Grove Readiness Center	PA	Energy Renovations	125	E

**American Recovery and Reinvestment Act of 2009**  
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**Facilities Sustainment, Restoration, and Modernization Project List**

Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1297	Pittsburgh Crane RC	PA	HVAC Installation	120	E
1298	Pittsburgh Crane RC	PA	Replace Windows & Doors	108	E
1299	Pittsburgh Combined Support Maintenance Shop	PA	Renovate and Pave	200	Q
1300	Pittsburgh Hunt RC	PA	Boiler Replacement	185	E
1301	Plymouth Readiness Center	PA	Energy Renovations	225	E
1302	Scranton/Taylor Ne Reg Mnt Center	PA	Energy Renovations	75	E
1303	Sellersville Readiness Center	PA	Renovate and Paving	100	E
1304	State College Field Maint Shop 29	PA	Connect ATC to Ft Indiantown Gap	23	U
1305	Tamaqua Readiness Center	PA	Energy Renovations	100	E
1306	Torrance RC	PA	Connect ATC to Ft Indiantown Gap	6	U
1307	West Chester Readiness Center	PA	Replace Windows	38	E
1308	West Chester Readiness Center	PA	Install Tankless Heater	10	E
1309	West Pittston Readiness Center	PA	Energy Renovations	100	E
1310	Wilkes Barre/ Kingston RC	PA	Energy Renovations	750	E
1311	Williamsport Readiness Center	PA	Renovate and Paving	50	Q
1312	Camp Santiago Training Site	PR	Repair Rep. Lighting Fixtures	554	E
1313	Camp Santiago Training Site	PR	Install Solar Electrical Powerand Occupancy Sensors	210	E
1314	Camp Santiago Training Site	PR	Repair Electrical System at Water Treatment Plant	52	E
1315	Fort Allen Training Annex	PR	Repair Rep. Elect. Substation, Feeder	198	E
1316	Coventry Air National Guard St	RI	Ext. Insul System and Roof	509	E
1317	Mounted Cmds Arm Providence	RI	Reroof USPFO	540	R
1318	NG Warwick	RI	Field Maint Shop 3 Windows	65	E
1319	TS Camp Varnum	RI	Replace Windows	142	E
1320	TS Camp Varnum	RI	Insulate & Re-Envelop	110	E
1321	Bennettsville Armory	SC	Bennettsville Armory Energy Upgrades	60	E
1322	Clover Armory	SC	Armory Energy Upgrades	45	E
1323	Conway Armory	SC	Armory Energy Upgrades	32	E
1324	Darlington Armory	SC	Armory Repairs	80	E
1325	Edgefield Armory & Field Maint Shop #6	SC	Armory Energy Upgrades	90	E

**American Recovery and Reinvestment Act of 2009  
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Facilities Sustainment, Restoration, and Modernization Project List**

	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
1326	Florence Armory & Field Maint Shop 12	SC	Armory Energy Upgrades	9	E
1327	Kingstree Armory	SC	Armory Repairs	111	E
1328	Marion Armory	SC	Armory Energy Repairs	76	E
1329	Moncks Corner Armory	SC	Armory Repairs	171	E
1330	Mt Pleasant Armory	SC	Armory Energy Repairs	506	E
1331	MTA Mccrady Training Site	SC	Upgrade Building Systems	546	E
1332	MTA Mccrady Training Site	SC	Upgrade Building Systems	113	E
1333	Mullins Armory	SC	Armory Repairs	201	E
1334	N. Charleston Armory	SC	Armory Repairs	175	E
1335	Orangeburg Armory	SC	Armory Repairs	710	E
1336	Saluda Armory & Field Maint Shop 6a	SC	Energy Upgrades	75	E
1337	Seneca Armory	SC	Energy Upgrades	113	E
1338	Seneca Armory	SC	Section A Roof Replacement	25	R
1339	Sumter Armory	SC	Armory Energy Upgrades	38	E
1340	Varnville Armory/Field Maint Shop # 14	SC	Armory Repairs	945	E
1341	Walterboro Armory	SC	Armory Repairs	438	E
1342	Williamston Armory	SC	Armory Energy Upgrades	34	E
1343	Brookings Armory/OMS#8	SD	Asphalt Repair	255	P
1344	Huron Airport	SD	Huron Airport Upgrade Major Building Systems	100	E
1345	Range Road Armory	SD	Replace Major Building Systems	85	E
1346	Army National Guard Aviation Support Facility 2	TN	Retro-Commissioning	250	E
1347	VTS Catoosa	TN	Repair Water and Sewer System	514	E
1348	VTS Smyrna	TN	Retro-Commissioning	100	E
1349	VTS Smyrna	TN	Retro-Commissioning	100	E
1350	Bee Caves	TX	Install Solar Panels	189	E
1351	Bee Caves	TX	Install Solar Panels	189	E
1352	Bergstrom - (Abia)	TX	Install Solar Panels	518	E
1353	Camp Mabry	TX	Install Solar Panels	621	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1354	Camp Swift	TX	Upgrade Potable Water Line	389	U
1355	Camp Swift	TX	Structural Repair & Renovation, Building 221	253	B
1356	Camp Swift	TX	Structural Repair & Renovation, Building 231	253	B
1357	Camp Swift	TX	Structural Repair & Renovation, Building 252	253	B
1358	Ellington Field	TX	Install Solar Panels	605	E
1359	Fort Sam Houston	TX	Install Solar Panels	196	E
1360	Martindale - Army National Guard Aviation Support Facility	TX	Install Solar Panels	196	E
1361	Draper Complex	UT	Install Exterior Lighting	106	E
1362	Fillmore Armory/Field Maint Shop Ws2 (So)	UT	Install Exterior Lighting	32	E
1363	Fillmore Armory/Field Maint Shop Ws2 (So)	UT	Energy -Upgrade Lights	4	E
1364	Logan Armory/Field Maint Shop 1a	UT	Energy -Upgrade Lights	6	E
1365	Manti Field Maint Shop 4	UT	Install Exterior Lighting	27	E
1366	MTA-L Camp Williams-West Fed	UT	Underground Power Ph1	3,000	U
1367	MTA-L Camp Williams-West Fed	UT	Underground Power Ph2	3,000	U
1368	Ogden Armory/Field Maint Shop 1	UT	Exterior Lighting	37	E
1369	Ogden Armory/Field Maint Shop 1	UT	Energy -Upgrade Lights	3	E
1370	Richfield Armory/Field Maint Shop 5a	UT	Energy -Upgrade Lights	4	E
1371	Saint George Armory/Field Maint Shop 5b	UT	Exterior Lighting	4	E
1372	Saint George Armory/Field Maint Shop 5b	UT	Exterior Lighting	4	E
1373	Tooele Field Maint Shop 3b	UT	Upgrade Lights	7	E
1374	Utah County South Armory/Field Maint Shop 3	UT	Exterior Lighting	79	E
1375	Fort Pickett ARNG MTC	VA	Phase II 2400 Renovation	2,993	E
1376	Fort Pickett ARNG MTC	VA	Phase I 2400 Renovation	2,783	E
1377	Fort Pickett ARNG MTC	VA	Replace Energy Inefficient Building Components	1,759	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1378	Army National Guard Aviation Support Facility/Readiness Center	VT	Army National Guard Aviation Support Facility Hangar Snow Melt-	45	E
1379	NG Ethan Allen Afb MTA	VT	RTI Heating Upgrade	200	E
1380	NG Ethan Allen Afb MTA	VT	Gma Air Handler Unit Upgrade	64	E
1381	Training Site Camp Johnson	VT	USPFO Heating Upgrade	175	E
1382	Training Site Camp Johnson	VT	Energy Efficiency	160	E
1383	Training Site Camp Johnson	VT	CSMS Building Automation	45	E
1384	Training Site Camp Johnson	VT	CSMS Main Circulator Vfd	12	E
1385	Training Site Ethan Allen Range	VT	Heating system Upgrade	780	E
1386	Training Site Ethan Allen Range	VT	BOQ Window Replacement	40	E
1387	Training Site Ethan Allen Range	VT	EAFR Bg 4 Boiler Upgd	20	E
1388	Training Site Ethan Allen Range	VT	Red House Bathroom Improvement	10	Q
1389	Westminster Training Site	VT	Westminster Field Maint Shop Lighting Upgd	20	E
1390	Camp Murray	WA	Windows - Bld 32 Camp Murray	500	E
1391	Camp Murray	WA	Install Energy Management System	20	E
1392	Camp Murray	WA	OWS Upgrade	10	E
1393	Ephrata	WA	Upgrade Light Fixtures	75	E
1394	Ephrata	WA	OWS Upgrade	15	E
1395	Fort Lewis Logistics Center	WA	Upgrade Light Fixtures - Unit Training Equipment Site	63	E
1396	Longview	WA	Longview Window Replacement	75	E
1397	Montesano	WA	Upgrade light fixtures	63	E
1398	Montesano	WA	Install Energy Management System	20	E
1399	Montesano	WA	OWS Upgrade	10	E
1400	Pasco	WA	Window Replacement	125	E
1401	Redmond	WA	Upgrade Light Fixtures	75	E
1402	Redmond	WA	Upgrade Light Fixtures	75	E
1403	Seattle - Pier 91	WA	Upgrade Light Fixtures	63	E
1404	Seattle - Pier 91	WA	Install Energy Management System	20	E
1405	Sedro Woolley/FMS3	WA	Ows Upgrade Sedro Woolley	75	E
1406	Sedro Woolley/FMS3	WA	Upgrade Light Fixtures	63	E
1407	Walla Walla	WA	Walla Walla Windows	450	E

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
1408	Yakima Training Center	WA	Solar Hot Water MATES	250	E
1409	Yakima Training Center	WA	Modular Boilers - MATES Yakima	170	E
1410	Yakima Training Center	WA	Upgrade Light Fixtures	75	E
1411	Yakima Training Center	WA	Install Energy Management System	20	E
1412	Yakima Training Center	WA	Install Energy Management System	20	E
1413	Burlington	WI	Windows - Burlington	68	E
1414	Camp Williams Tomah MTA	WI	Upgrade Admin Buildings-Cp Wms 200 (Energy SystemEMS)	2,255	E
1415	Camp Williams Tomah MTA	WI	Upgrade Light Fixtures	345	E
1416	Camp Williams Tomah MTA	WI	Rehab Female Shwr & Restroom (Plumbing)	72	Q
1417	Janesville	WI	Replace Windows - Janesville	75	E
1418	Kenosha	WI	Replace Windows-Kenosha	53	E
1419	Madison Hangars	WI	Upgrade Hangar Pods 7 & 8	1,180	E
1420	Madison JFHQ	WI	Upgrade Light Fixtures	613	E
1421	Madison JFHQ	WI	Replace Steam Traps	281	E
1422	Madison JFHQ	WI	Remodel Public Affairs-JFHQ	98	Q
1423	Marinette	WI	Replace Boiler-Marinette	97	E
1424	Marshfield	WI	Replace Boiler-Marshfield	151	E
1425	Medford	WI	Replace Heat Equip - Medford	96	E
1426	Monroe	WI	Replace Windows - Monroe	65	E
1427	New Richmond	WI	Replace Boiler-New Richmond	128	E
1428	Onalaska	WI	Window Replacement-Onalaska	52	E
1429	Two Rivers	WI	Replace Boiler-Two Rivers	97	E
1430	West Bend Army National Guard Aviation Support Facility 1 Armory	WI	Upgrade Light Fixtures Army National Guard Aviation Support Facility1-2	143	E
1431	Charleston	WV	JFHQ HVAC Replacement	750	E
1432	Bridgeport	WV	Roof Repair	260	R
1433	Mercer County Armory	WV	Bluefield Armory Roof Replacement	125	R
1434	Casper	WY	Field Maint Shop Window Upgrade	53	E
1435	Cheyenne	WY	HVAC/Pwr Bg Server Rm	28	E
1436	Evanston	WY	Field Maint Shop Window Upgrade	53	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1437	Lander	WY	Field Maint Shop Window Upgrade	53	E
1438	Laramie	WY	Paint Field Maint Shop 2	4	Q
1439	MTC-H Camp Guernsey	WY	Electrical Distribution system Upgrade	3,996	E
1440	MTC-H Camp Guernsey	WY	Renovate Classrooms/ HVAC	358	E
1441	MTC-H Camp Guernsey	WY	Window Upgrade	200	E
1442	MTC-H Camp Guernsey	WY	Install Aux Power Bldg 113	50	E
1443	MTC-H Camp Guernsey	WY	Upgrade Electrical system B016	40	E
1444	MTC-H Camp Guernsey	WY	Energy Upgrade	30	E
1445	MTC-H Camp Guernsey	WY	Install Exterior Lighting	20	E
1446	MTC-H Camp Guernsey	WY	Replace Wiring Building 12	15	E
1447	MTC-H Camp Guernsey	WY	Install Awnings	12	E
1448	MTC-H Camp Guernsey	WY	Install Energy Meter B221	5	E

***ARMY FAMILY HOUSING OPERATION & MAINTENANCE***

**3,932**

1449	Pine Bluff Arsenal	AR	Demolish Housing Infrastructure	48	F
1450	Pine Bluff Arsenal	AR	Repair Fencing, Restore Grounds	52	F
1451	Fort McNair	DC	Renovate Exterior, Repair Windows, SNCO Family Housing, 4th Ave.	780	F
1452	Iowa Army Ammunition Plant	IA	Repair Housing Interiors	20	F
1453	Rock Island Arsenal	IL	Paint Exterior of Garages	30	F
1454	Rock Island Arsenal	IL	Replace Electrical System	395	F
1455	Rock Island Arsenal	IL	Replace Heating Ventilation System	240	F
1456	Fort Campbell	KY	Upgrade Housing Services Office	65	F
1457	Fort Leavenworth	KS	Upgrade Housing Services Office	70	F
1458	Lake City Army Ammunition Plant	MO	Upgrade Electrical Systems, Repair Gutters	95	F
1459	Natick Soldier Systems Labs	MA	Repair Sewers	45	F
1460	Natick Soldier Systems Labs	MA	Replace Heating Systems	100	F
1461	Natick Soldier Systems Labs	MA	Replace Windows	100	F
1462	Watervliet Arsenal	NY	Replace Roofs	50	F
1463	Letterkenny AD	PA	Replace Hot Water Boilers	100	F
1464	Letterkenny AD	PA	Renovate Bathroom (2 Baths per home)	100	F



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1465	Tobyhanna AD	PA	Renovate Sun Rooms	97	F
1466	Tobyhanna AD	PA	Replace Porch Covers and Supports, Senior NCO Family Housing Units, No. 500 - 509	200	F
1467	Tooele AD	UT	Replace Existing Heating Systems, Replace Siding	40	F
1468	Fort A.P. Hill	VA	Replace Baths, Kitchens, and Repair Exteriors	50	F
1469	Fort Belvoir	VA	Upgrade Housing Services Office	70	F
1470	Fort Myer	VA	Renovate Exteriors and Repair Porches, SNCO Family Housing, Sheridan St.	550	F
1471	Radford Army Ammunition Plant	VA	Repave Family Housing Roadway	190	F
1472	Radford Army Ammunition Plant	VA	Repair Sidewalks in Family Housing Area	195	F
1473	Nationwide	Various	Replace Signage and Flooring, 56 Housing Service Offices	250	F

<b>NAVY</b>	<b>712,134</b>
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<b>ACTIVE NAVY</b>	<b>657,051</b>
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1	Naval Air Station Lemoore	CA	Whole Bachelor Quarters Modernization, Buildings 14 & 15	11,283	B
2	Naval Air Station North Island	CA	Replace Metal Roof, Bachelor Quarters Building, SCI	1,037	R
3	Naval Amphibious Base Coronado	CA	Facility Energy Improvements (Phase 3)	2,280	E
4	Naval Base Coronado	CA	Whole Bachelor Quarters Modernization, Building 783	13,000	B
5	Naval Base Coronado	CA	Whole Bachelor Quarters Modernization, Building 787	13,000	B
6	Naval Base Point Loma	CA	Facility Energy Improvements (Phase 3)	2,280	E
7	Naval Base Point Loma	CA	Repair and Modernize 13 Living Units Bachelor Quarters, Building 554	877	B
8	Naval Base San Diego	CA	Facility Energy Improvements (Phase 3)	2,280	E
9	Naval Base Ventura County	CA	Facility Energy Improvements (Phase 4)	2,280	E
10	Naval Station San Diego	CA	Whole Bachelor Quarters Modernization, Angelley Hall, Building 3204	11,555	B
11	Naval Station San Diego	CA	Repair and Modernize Littoral Combat Ship Squadron Building 55	15,000	O

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
12	Naval Station San Diego	CA	Repair and Modernize DDG 1000 Training Facility	5,355	O
13	Naval Station San Diego	CA	Replace Roof Mounted Boilers Bachelor Quarters 3144 and Bachelor Quarters 3150	885	E
14	Naval Station San Diego	CA	Replace Inverter for 750KW Solar Array	910	E
15	Navy Installations	CA	Install Photovoltaic Systems	31,800	E
16	Navy Installations	CA	Advance Meter Installation	24,800	E
17	Naval Support Activity Washington	DC	Replace Fire Detection Devices, Bachelor Quarters, Building 72	1,035	B
18	Navy Installations	DC	Install Photovoltaic Systems	2,736	E
19	Naval Air Station Jacksonville	FL	Repair Air Traffic Control Building 118	3,267	O
20	Naval Air Station Pensacola	FL	Repair and Modernize Administrative Building 1500	11,409	E
21	Navy Installations	FL	Install Photovoltaic Systems	34,710	E
22	Navy Installations	FL	Advance Meter Installation	19,900	E
23	Naval Base Guam	GU	Repair and Modernize Bachelor Quarters Buildings 581 & 584, Camp Covington	6,791	B
24	Naval Base Guam	GU	Repair and Modernize Bachelor Quarters Building 580, Camp Covington	4,849	B
25	Naval Base Guam	GU	Repair and Modernize Bachelor Quarters Building 579, Camp Covington	3,777	B
26	Naval Station Pearl Harbor	HI	Repair Wharf B4 and Pier B5	16,628	O
27	Naval Station Pearl Harbor	HI	Repair Wharf S1	20,591	O
28	Navy Installations	HI	Install Photovoltaic Systems	32,600	E
29	Pacific Missile Range Facility Hawaiian Area	HI	Repair Pavement, Runway 16-34	31,500	O
30	Naval Station Great Lakes	IL	Replace HVAC and Modernize Boorda Hall Bachelor Quarters Complex, Buildings 30-34	6,270	E
31	National Maritime Intelligence Center Suitland	MD	Structural Repairs to Parking Garage Building 1-002	5,590	E
32	National Maritime Intelligence Center Suitland	MD	Facility Energy Improvements (Various Buildings)	1,140	E

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
33	National Naval Medical Center Bethesda	MD	Facility Energy Improvements (Various Buildings)	2,920	E
34	Naval Air Station Patuxent River	MD	Hangar 110 Modernization	17,000	O
35	Naval Support Activity Annapolis	MD	Whole Galley Renovation, King Hall	50,885	E
36	Naval Support Activity Annapolis	MD	Facility Energy Improvements (Various Buildings)	1,020	E
37	Naval Support Activity South Potomac	MD	Repair HVAC System (Building 900)	3,899	E
38	Naval Surface Warfare Center Carderock	MD	Facility Energy Improvements (Various Buildings)	3,460	E
39	Naval Surface Warfare Center Indian Head	MD	Facility Energy Improvements (Various Buildings)	2,480	E
40	Navy Installations	MD	Install Photovoltaic Systems	6,384	E
41	Portsmouth Naval Shipyard	ME	Repair Berths 7a and 7b and Surrounding Area	6,917	O
42	Portsmouth Naval Shipyard	ME	Replace HVAC and Modernize Building 343	4,653	E
43	Portsmouth Naval Shipyard	ME	Concrete Pile and Structural System Repairs, Berths 13a and 13b	4,364	E
44	Portsmouth Naval Shipyard	ME	Roof and Window Repairs, Training Facility Building 170	4,765	E
45	Portsmouth Naval Shipyard	ME	Roof Replacement and Exterior Repairs, Administrative Building 86	3,781	E
46	Navy Installations	MS	Install Photovoltaic Systems	13,804	E
47	Navy Installations	MS	Advance Meter Installation	8,450	E
48	Naval Air Station Fallon	NV	Geothermal Energy Development	9,120	E
49	Naval Weapons Station Charleston	SC	Paint Interior of Bachelor Quarters Buildings (B2403, 2404, 2406, 2407, & 2408)	1,125	B
50	Naval Air Station Corpus Christi	TX	Repair Runway 13L/31R	7,695	O
51	Naval Air Station Corpus Christi	TX	Repair Taxiways	3,283	O
52	Navy Installations	TX	Install Photovoltaic Systems	20,826	E
53	Navy Installations	TX	Advance Meter Installation	8,450	E
54	Naval Air Station Oceana	VA	Repair Runway 5R/23L	26,220	O
55	Naval Amphibious Base Little Creek	VA	Replace Lighting System at Piers	1,902	E

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56	Naval Station Norfolk	VA	Repair Aircraft Parking Aprons, Landing Plane and Landing Field Areas	43,605	O
57	Naval Support Activity Norfolk	VA	Modernize Central HVAC Plant	8,541	E
58	Norfolk Naval Shipyard	VA	Replace Elevators #37 and #40 Building 171	2,100	O
59	Naval Base Kitsap	WA	Repair Dry Dock 6 Caisson	6,981	O
60	Naval Base Kitsap	WA	Repair Dry Dock 5 Caisson	6,356	O
61	Naval Station Everett	WA	Repair and Modernize Child Development Center	750	E
62	Navy Installations	WA	Advance Meter Installation	33,900	E

***NAVY RESERVE***

**55,083**

63	Rock Island	IL	Whole Navy Operational Support Center Facility Modernization	2,571	O
64	Belle Chasse	LA	Repair & Replace Airfield Lighting	12,503	O
65	Charlotte	NC	Whole Navy Operational Support Center Facility Modernization	8,010	O
66	Greensboro	NC	Whole Navy Operational Support Center Facility Modernization	7,500	O
67	Bronx	NY	Renovate Ground Floor HVAC, Building 100	2,760	E
68	Cincinnati	OH	Whole Navy Operational Support Center Facility Modernization	3,925	O
69	Portland	OR	Whole Navy Operational Support Center Facility Modernization	6,042	O
70	Erie	PA	Whole Navy Operational Support Center Facility Modernization	6,000	O
71	Chattanooga	TN	Whole Navy Operational Support Center Facility Modernization	1,710	O
72	El Paso	TX	Whole Navy Operational Support Center Facility Modernization	1,710	O
73	Ft Worth	TX	Repair Hangar Doors	2,352	O

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<b>MARINE CORPS</b>			<b>153,774</b>		
<i>ACTIVE MARINE CORPS</i>			<b>113,865</b>		
74	Marine Corps Air Station Yuma	AZ	Sanitary Sewer Repairs	2,290	E
75	Marine Corps Air Station Yuma	AZ	Repair Ordnance Access Road	1,424	P
76	Marine Corps Air Station Yuma	AZ	Geothermal Energy Development	1,000	E
77	Marine Corps Air Station Yuma	AZ	Install Solar Photovoltaic Sunshade Fac 233	635	E
78	Marine Corps Air Station Yuma	AZ	Repair Air Conditioning, Admin Building. 507	531	E
79	Marine Corps Air Station Yuma	AZ	Repair Air Conditioning System, Admin Building. 505	531	E
80	Marine Corps Air Station Camp Pendleton	CA	Repair HVAC and Boilers Aircraft Rescue and Fire Fighting Building 2370	1,630	E
81	Marine Corps Air Station Camp Pendleton	CA	Repair Chief Naval Aviation & Technical Training Buildings	1,429	E
82	Marine Corps Air Station Camp Pendleton	CA	Repair Fire Pumps and Alarms in Building 2390	453	O
83	Marine Corps Air Station Camp Pendleton	CA	Improvements to Fire Pump Utility Building 2390	202	O
84	Marine Corps Air Station Camp Pendleton	CA	Reconfigure Work Spaces of Aircraft Rescue and Fire Fighting Building 2370	132	O
85	Marine Corps Air Station Miramar	CA	Repair Boilers, Various Facilities	7,682	E
86	Marine Corps Air Station Miramar	CA	Install Solar Lights	1,470	E
87	Marine Corps Base Camp Pendleton	CA	Repair Comm Cables on Ranges	5,001	O
88	Marine Corps Base Camp Pendleton	CA	Repair Roof / HVAC 21 Area	4,857	E
89	Marine Corps Base Camp Pendleton	CA	Repair Gas Pipe 53 Area	2,896	E
90	Marine Corps Base Camp Pendleton	CA	Repair Gas Pipe 62 Area	2,579	E
91	Marine Corps Base Camp Pendleton	CA	Repair Gas Pipe 43 Area	1,931	E
92	Marine Corps Base Camp Pendleton	CA	Repair Roof/HVAC 1100 Area	1,904	E
93	Marine Corps Base Camp Pendleton	CA	Repair Gas Pipe 31 Area	1,596	E
94	Marine Corps Base Camp Pendleton	CA	Repair Roof & HVAC Hq Area	1,417	E
95	Marine Corps Base Camp Pendleton	CA	Repair Gas Pipe 52 Area	1,211	E
96	Marine Corps Base Camp Pendleton	CA	Install Efficient Boilers and Water Heaters	602	E
97	Marine Corps Base Camp Pendleton	CA	Repair Bachelor Enlisted Quarters 24083	1,539	B

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	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
98	Marine Corps Recruit Depot San Diego	CA	Repair HVAC Messhall Dining Facility	1,191	E
99	Marine Corps Recruit Depot San Diego	CA	Repair Recruit Underwater Survival Facility	1,162	O
100	Marine Corps Recruit Depot San Diego	CA	Repair Obstacle Course and Track	1,134	O
101	MCAGCC Twenty-nine Palms	CA	Install Photovoltaic System, Various Buildings	3,032	E
102	MCAGCC Twenty-nine Palms	CA	Repair 20in Water Main	5,189	E
103	Marine Corps Logistics Base Albany	GA	Replace Boilers and Controls in Steam Plant	1,293	E
104	Marine Corps Logistics Base Albany	GA	Repair Utility Infrastructure in Warehouse Area	2,138	E
105	Marine Corps Base Hawaii	HI	Repair Windows Headquarters Area	3,928	E
106	Marine Corps Air Station New River	NC	Repair HVAC/Mechanical/Electrical/Roofs and Windows Various Admin Facs	8,733	E
107	Marine Corps Air Station New River	NC	Repair Steam & Condensate Systems	859	E
108	Marine Corps Base Camp Lejeune	NC	Replace Street Light Fixtures	1,630	E
109	Marine Corps Base Camp Lejeune	NC	Replace Roof & Modernize Elect System on Storage Building 1316	1,581	R
110	Marine Corps Base Camp Lejeune	NC	Replace Roof & Modernize Elect System on Storage Building 1317	1,581	R
111	Marine Corps Base Camp Lejeune	NC	Site Net Energy Monitoring and Control	734	E
112	Marine Corps Base Camp Lejeune	NC	Repair HVAC/Mechanical/Electrical/Roofs and Windows Various Admin Facs	21,322	E
113	Marine Corps Base Camp Lejeune	NC	Repair Mechanical Systems in Various Facilities	1,697	O
114	Marine Corps Base Camp Lejeune	NC	Modernize Lighting and HVAC Controls, Camp Geiger	1,672	E
115	Marine Corps Recruit Depot Parris Island	SC	Lighting and HVAC Repairs, Visitor Center Building 283	4,160	E
116	Marine Corps Recruit Depot Parris Island	SC	Replace Windows, Education Center, Building 923	2,496	E
117	Marine Corps Recruit Depot Parris Island	SC	Replace HVAC Controls for Various Buildings	2,008	E
118	Marine Corps Recruit Depot Parris Island	SC	Repair Power Plant	1,383	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
<b>MARINE CORPS RESERVE</b>				<b>39,909</b>	
119	Anchorage	AK	Whole Facility Repair and Modernization (Training Center)	4,700	O
120	Bakersfield	CA	Scope Mod to Repair Foundation (Training Center)	67	O
121	Seal Beach	CA	Repair and Modernize Admin and Warehouse	1,300	O
122	New Haven	CT	Center & Site Repairs	1,248	O
123	Wilmington	DE	Vehicle Maintenance Facility Repairs	707	O
124	Wilmington	DE	Repair and Modernize Reserve Training Center Facility	6,800	O
125	Tallahassee	FL	Center Minor Maintenance / Repairs (Mod to special	1,144	O
126	Louisville (Ft Knox)	KY	Repair and Modernize Reserve Training Center	1,438	O
127	Belle Chasse	LA	Modernize Parking Lot Building 30	52	P
128	Belle Chasse	LA	Repair Night Training Simulator Facility (Nite Lab)	390	O
129	Lafayette	LA	Repair and Modernize Center/Site	3,409	O
130	Omaha	NE	Repair and Modernize Reserve Training Center / Vehicle Maintenance Facility	4,446	O
131	Dover	NJ	Reserve Training Center General Repairs	1,176	O
132	Stewart	NY	Temp Roof Repairs, Admin Facility	67	R
133	Stewart (Newburgh)	NY	Base Facility (Hangars) Improvements and Repairs	3,536	O
134	Cincinnati	OH	Repair Vehicle Maintenance Facility & Tactical Vehicle & Equipment Storage Area	2,704	O
135	Portland	OR	Mechanical & Electrical Design (Training Center)	31	O
136	Eastover	SC	Epoxy Floor & Install Cages (Armory)	23	O
137	Ft Worth	TX	Repair Night Training Simulator Facility (Nite Lab)	88	O
138	Ft Worth	TX	Construct Building for Fuse Tanks	750	O
139	Ft Worth	TX	Repair to Bunkers 4237 to 4242	624	O
140	Ft Worth	TX	Repair Bunkers 4243, 4245, 4246	572	O
141	Ft Worth	TX	Construct Van Storage Area	737	O
142	Ft Lewis	WA	Reserve Training Center Repairs	1,300	O
143	Spokane	WA	Reserve Training Center Repairs	2,600	O

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Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category	
<b>AIR FORCE</b>			<b>1,151,455</b>		
<b>ACTIVE AIR FORCE</b>			<b>1,095,959</b>		
1	Clear AS	AK	Repair/Replace Heat Banks on Radar Sys (OTZ, TNC, CDB)	538	E
2	Clear AS	AK	Replace Coal Crusher and Chute, Heat Plant	42	E
3	Clear AS	AK	Replace 1200 Amp Breakers	448	E
4	Clear AS	AK	Repair Potable Water System P1	452	E
5	Clear AS	AK	Replace Coal Crusher/Chute	735	E
6	Clear AS	AK	Antiterrorism & Security Compliance, Installation Gate	1,058	O
7	Clear AS	AK	Replace HVAC Cooling Pond Liner	1,267	U
8	Eareckson AS	AK	Repair Airfield Pavement	16,350	P
9	Eielson AFB	AK	Repair Fire Suppression (B4105 - Snow Barn)	16	O
10	Eielson AFB	AK	Repair Coal Rail Section of Chpp Roof (6203)	22	P
11	Eielson AFB	AK	Install Fire Protection In Hazmat Decon Fac (B4378)	27	O
12	Eielson AFB	AK	Install Sewage, Steam, and Water Meters	32	E
13	Eielson AFB	AK	Repair Amx Supply Shop Roof (B4280)	38	R
14	Eielson AFB	AK	Install Fire Suppression System Under Prime Beef Mezzanine	54	O
15	Eielson AFB	AK	Pave Parking Area (B1232 - Nosedock 7))	61	P
16	Eielson AFB	AK	Replace Well Pump (B1139)	108	E
17	Eielson AFB	AK	Repair Exterior Insulation & Siding @ Launch Facility Maint Fac (B4231)	303	E
18	Eielson AFB	AK	Replace 8 Bay Roof Ph 1/2 (B1338)	323	R
19	Eielson AFB	AK	Repair Quarry Hill Road (Catm to Munitions Area)	323	P
20	Eielson AFB	AK	Repair Charlie and Delta Row Aprons	323	P
21	Eielson AFB	AK	Repair Roof Civil Engineering Shop (B2350)	366	R
22	Eielson AFB	AK	Replace Siding, Windows, Doors, Insulation (B3383)	376	E
23	Eielson AFB	AK	Install Steam and Water Meters (Multi)	376	E
24	Eielson AFB	AK	Replace 8 Bay Roof Ph 2/2 (B1338)	430	R
25	Eielson AFB	AK	Design Reconfiguration, South Loop Taxiway	430	P
26	Eielson AFB	AK	Replace Steam Traps Amber Hall (B3112)	430	E



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
27	Eielson AFB	AK	Repair Roof Base Supply Building (B3426)	430	R
28	Eielson AFB	AK	Repair North Street/Wabash Ave Intersection	430	P
29	Eielson AFB	AK	Repair H-Frame Transformer, CHPP Pump House	484	E
30	Eielson AFB	AK	Repair HVAC System Fire House 2 (B4870)	544	E
31	Eielson AFB	AK	Repair Mullins Pit Road	581	P
32	Eielson AFB	AK	Repair HVAC System, Base Operations	1,022	E
33	Eielson AFB	AK	Repair Civil Engineering Headquarters Heating System	2,582	E
34	Eielson AFB	AK	Maintain Turbine Generator #4 (B6203)	3,119	E
35	Eielson AFB	AK	Repair Waste Water Treatment Plant, Ph2 (B2316)	7,099	E
36	Elmendorf AFB	AK	Upgrade Traffic Signals Sijan & Awd	43	O
37	Elmendorf AFB	AK	Repair Replace Air Compressors Age & Snow Barn	43	E
38	Elmendorf AFB	AK	Repair HVAC & Concrete Drive Thru Wing Conference Center	161	E
39	Elmendorf AFB	AK	Replace Air Handlers POLS Operations	161	E
40	Elmendorf AFB	AK	Audit for Water Efficiency, Multi-Facilities	161	E
41	Elmendorf AFB	AK	Repair Sewer Line, Hangar 16 to Hangar 17	296	E
42	Elmendorf AFB	AK	Replace Roof Fighter Sq Acmi Bldg 9551	323	R
43	Elmendorf AFB	AK	Repair Threshold Lights, Runway 16	414	P
44	Elmendorf AFB	AK	Repair Water Lines Trans Bldg 6211	484	E
45	Elmendorf AFB	AK	Maintain Paint Base Facilities	506	O
46	Elmendorf AFB	AK	Install Taxiway Edge Lights	516	P
47	Elmendorf AFB	AK	Install Back Flow Preventers	592	E
48	Elmendorf AFB	AK	Replace Heating & Ventilation System, Transportation Fac	602	E
49	Elmendorf AFB	AK	Repair / Replace Sewer, East of Gibson Ave	1,076	E
50	Elmendorf AFB	AK	Repair Combat Alert Cells 1-4 Apron Pavement	1,076	P
51	Elmendorf AFB	AK	Repair Base Operations Pavement South Side	1,302	P
52	Elmendorf AFB	AK	Repair Charlie Loop Taxilanes and Parking Slots	1,302	P
53	Elmendorf AFB	AK	Replace Lighting Various Bldgs	1,331	E
54	Elmendorf AFB	AK	Repair Fairchild Ave, 381st to Green Lake Ph 2	1,613	P
55	Elmendorf AFB	AK	Repair Taxiway N Phase 1	1,613	P

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
56	Elmendorf AFB	AK	Repair Taxiway N Phase 2	1,613	P
57	Elmendorf AFB	AK	Replace Storm Drainage System, West Taxiway A South	1,613	E
58	Elmendorf AFB	AK	Repair Fairchild Ave, Airlifter to 381 Street, Ph 1	1,829	P
59	Elmendorf AFB	AK	Repair Taxiway M & Shoulders, Ph 2	1,936	P
60	Elmendorf AFB	AK	Repair Storm Drainage System to Port of Anchorage	1,936	E
61	Elmendorf AFB	AK	Replace 14 Inch Water Main From Pit 18 to Reservoir	2,926	E
62	Elmendorf AFB	AK	Repair Runway 16/34	5,271	P
63	Indian Mountain Long Range Radar Site	AK	Repair Fire Detection System - Site Wide	624	O
64	King Salmon Airport	AK	Repair Steam & Condensate Lines - Ph2	1,049	E
65	Point Barrow Long Range Radar Site	AK	Replace Fire Detection Sys	446	O
66	Maxwell AFB	AL	Antiterrorism-Const Overhead Canopy Sys, Day St Gate	404	O
67	Maxwell AFB	AL	Repair Restrooms, Entry Control, Bldg 1404	457	Q
68	Maxwell AFB	AL	Antiterrorism-New Entry Control Fac, Day St (Repair)	469	O
69	Maxwell AFB	AL	Replace Lights (Ph 3), Runway 15/33	531	E
70	Maxwell AFB	AL	Replace Carpet, Officer Training School Bldgs 1485 & 1487	531	O
71	Maxwell AFB	AL	Paint Exteriors, Multi Fac	531	O
72	Maxwell AFB	AL	Antiterrorism-New Entry Control Fac, Day Street	532	O
73	Maxwell AFB	AL	Replace / Convert Roof, Lodging Bldg 1470	553	R
74	Maxwell AFB	AL	Repair Misc Streets & Pkg Lots	617	P
75	Maxwell AFB	AL	Construct Combat Skills Training Site	590	O
76	Maxwell AFB	AL	Repair Mech & Elec Sys, Central Plant Bldg 1410 (Ph 3)	3,188	E
77	Maxwell AFB Gunter Annex	AL	Paint Exteriors, Multi Fac Gunter Annex	531	O
78	Maxwell AFB Gunter Annex	AL	Upgrade HVAC & Control Sys (Sfs Section), Bldg 834	638	E
79	Maxwell AFB Gunter Annex	AL	Replace Flooring, Multi Facilities	638	O
80	Little Rock AFB	AR	Repair Lodging 1024 Fire Detection System	78	O
81	Little Rock AFB	AR	Repair Fire Detection System Lodging 1020	157	O
82	Little Rock AFB	AR	Repair Install Sprinkler Sys Lodging 1020	274	O

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
83	Little Rock AFB	AR	Repair Install Sprinkler System Lodging 1024	323	O
84	Little Rock AFB	AR	Sustain Pavement 6th Street/Arnold-Thomas	604	P
85	Little Rock AFB	AR	Antiterrorism Repair Inst Vehicle Barriers, COMM Sqd Bldg 988	750	O
86	Little Rock AFB	AR	Antiterrorism Repair, Install Vehicle Barriers Bldg 1100	828	O
87	Little Rock AFB	AR	Repair Hangar 224 (Ph3)	856	O
88	Little Rock AFB	AR	Repair Alert Airfield Parking Ramp	2,148	P
89	Little Rock AFB	AR	Sustain/Repair Taxiway Foxtrot	3,304	P
90	Little Rock AFB	AR	Repair Apron Joint Seal/Slabs	3,405	P
91	Red River Space Surveillance Center	AR	Repair HVAC Multi-Facilities	65	E
92	Davis-Monthan AFB	AZ	Repair Windows, Multi Facs	76	E
93	Davis-Monthan AFB	AZ	Construct (Extend) Central Chiller Loop, 5010	148	E
94	Davis-Monthan AFB	AZ	Repair Parking Lot Lighting (LED)	159	E
95	Davis-Monthan AFB	AZ	Repair (Upgrade) HVAC Controls, Multi Facs	307	E
96	Davis-Monthan AFB	AZ	Construct Water Wells/Waste Water Systems	636	E
97	Davis-Monthan AFB	AZ	Repair HVAC, Multi Facs	3,006	E
98	Davis-Monthan AFB	AZ	Repair Roofs, Multi Facs	4,218	R
99	Davis-Monthan AFB	AZ	Repair Water Wells	4,749	E
100	Gila Bend Air Force Auxiliary Field	AZ	Seal Coat Roads and Access Pavement	117	P
101	Gila Bend Air Force Auxiliary Field	AZ	Repair Taxiway, Gila Bend	244	P
102	Gila Bend Air Force Auxiliary Field	AZ	Repair Asphalt Overruns	930	P
103	Gila Bend Air Force Auxiliary Field	AZ	Repair Aircraft Parking Ramp, Gila Bend	3,294	P
104	Luke AFB	AZ	Repair Road/Pavement (137th Ave)	64	P
105	Luke AFB	AZ	Repair Road/Pavement (138th Ave)	106	P
106	Luke AFB	AZ	Repair Wing Tank Storage Yard	106	P
107	Luke AFB	AZ	Repair Base Supply Parking Lot, B944	117	P
108	Luke AFB	AZ	Repair Corsair Street Ph 3	122	P
109	Luke AFB	AZ	Repair Corsair Street Ph 4	138	P
110	Luke AFB	AZ	Construct Fuel Equip, Parking Area, Logistics Sqd, B944	149	P

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
111	Luke AFB	AZ	Resurface Flightline Access Road & Adjacent Parking Lot	213	P
112	Luke AFB	AZ	Replace Transformers, Ph 2	218	E
113	Luke AFB	AZ	Replace Transformers, Ph4	222	E
114	Luke AFB	AZ	Replace Ramp Lighting and Poles on Airfield	234	E
115	Luke AFB	AZ	Resurface Logistics/Operations Sqd Parking Lot, B859	266	P
116	Luke AFB	AZ	Repair Airmen Leadership School Parking Lot, B156	267	P
117	Luke AFB	AZ	Repair Community Chapel Roof, B799	292	R
118	Luke AFB	AZ	Replace Ramp Lighting and Poles on Airfield	319	E
119	Luke AFB	AZ	Repair HVAC System, Non-Destructive Inspection Lab	319	E
120	Luke AFB	AZ	Repair Dorm Parking Lot B533-542	372	P
121	Luke AFB	AZ	Mill & Overlay Overruns Runway 03r/21l	638	P
122	Luke AFB	AZ	Mill and Overlay Overruns, Runway 03l/21R	643	P
123	Luke AFB	AZ	Repair Water Distribution System Valves	691	E
124	Luke AFB	AZ	Repair HVAC Rapcon, Bldg 979	1,063	E
125	Luke AFB	AZ	Repair Misc Base Pavements	1,169	P
126	Luke AFB	AZ	Repair Dormitory HVAC System- B528	1,328	E
127	Luke AFB	AZ	Repair Primary Substation	1,381	E
128	Beale AFB	CA	Replace Hangar Door Seals	165	E
129	Beale AFB	CA	Replace Chiller, Administrative B/1086	263	E
130	Beale AFB	CA	Replace Ventilation Controls Administrative Bldg	291	E
131	Beale AFB	CA	Repair Taxiway Shoulders- Full Depth Ph 2	528	P
132	Beale AFB	CA	Repair Perimeter Fence Ph 4 (Fence Near Whltld. Gate, West)	898	O
133	Beale AFB	CA	Repair Taxiway Shoulders- Full Depth Ph 3	1,057	P
134	Beale AFB	CA	Repair Substation and Switchgear, Fac 2143	5,179	E
135	Edwards AFB	CA	Construct Concrete Pad for Civil Engineer Transmission Hi-Line	20	P
136	Edwards AFB	CA	Maintain Roof, Research Equipt Storage B4444	21	R
137	Edwards AFB	CA	Repair Sidewalks Main Base	27	P
138	Edwards AFB	CA	Replace Carpet Tiles Admin B1431	27	O

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139	Edwards AFB	CA	Construct Equipment Pad Base Theater B2660	27	E
140	Edwards AFB	CA	Repair Metering & Energy Management Control System, Test Pilot School B1220	27	E
141	Edwards AFB	CA	Repair Roof Vehicle Maint B3511	32	R
142	Edwards AFB	CA	Repair HVAC Wastewater Treatment Plant	43	E
143	Edwards AFB	CA	Repair Roof Research Lab B8412	43	R
144	Edwards AFB	CA	Repair Fence and Stairs at Vehicle Maint Shop B3510	64	O
145	Edwards AFB	CA	Repair Roof - Research Lab Base Engineer Maint Shop B8406	64	E
146	Edwards AFB	CA	Repair HVAC & Controls Research Lab B1398	75	E
147	Edwards AFB	CA	Repair Ceiling Beams/Safety Fuel Sys Maint Fac B1622	81	O
148	Edwards AFB	CA	Repair Roof Fuel Facility B2110	81	R
149	Edwards AFB	CA	Repair Energy Cool Roof Acquisition Center B3920	86	E
150	Edwards AFB	CA	Repair Fire Suppression, Guided Munitions Shop B720	91	O
151	Edwards AFB	CA	Construct Curb, Gutters and Gate at Launch Facility Payne Ave	96	P
152	Edwards AFB	CA	Maintain Roof Guard House B1019	97	R
153	Edwards AFB	CA	Paint/Wallpaper Interior Child Development Ctr B6457	102	O
154	Edwards AFB	CA	Repair Evap Coolers Hangar B1210	107	E
155	Edwards AFB	CA	Repair Electrical Service Hangar B182	107	E
156	Edwards AFB	CA	Repair Retrofit Lighting Audio Visual B1405	107	E
157	Edwards AFB	CA	Repair Retrofit Lighting Maint Dock B1622	113	E
158	Edwards AFB	CA	Repair Roof Equip Research Lab B8354	113	R
159	Edwards AFB	CA	Construct Parking Trans B3510	118	P
160	Edwards AFB	CA	Repair Energy Cool Roof Fire Department B2860	118	E
161	Edwards AFB	CA	Repair Roof Base Support Fac B1610	124	R
162	Edwards AFB	CA	Repair Boiler Research Lab B8620	129	E
163	Edwards AFB	CA	Repair HVAC Various Research Lab Facilities	129	E
164	Edwards AFB	CA	Repair Energy Cool Roof 31 Test & Eval Squad Operations B1633	129	E
165	Edwards AFB	CA	Repair Roof Information Tech B3950	140	R

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166	Edwards AFB	CA	Repair Energy Cool Roof Research Lab Sci & Eng Admin B8350	145	E
167	Edwards AFB	CA	Repair Lighting Administrative B2412	150	E
168	Edwards AFB	CA	Repair Left Turn Lane Fitzgerald Ave	161	P
169	Edwards AFB	CA	Upgrade Electrical System, Camp Corum	161	E
170	Edwards AFB	CA	Repair Lighting Test Operations B1199	161	E
171	Edwards AFB	CA	Repair Retrofit Lighting Flight Training Center Bldg 1	193	E
172	Edwards AFB	CA	Repair Roof Life Support B1250	204	R
173	Edwards AFB	CA	Construct Sewer Line, Contractors Row	226	E
174	Edwards AFB	CA	Repair Parking Lot, Military Mail Distribution B3502	231	P
175	Edwards AFB	CA	Repair Lighting, Air Base Wing, B3950	242	E
176	Edwards AFB	CA	Repair Lighting Hangar B1623	258	E
177	Edwards AFB	CA	Repair Energy Cool Roof Research Lab Sci & Eng Admin B8351	263	E
178	Edwards AFB	CA	Repair Energy Cool Roof Research Lab Det 7 Command Section B8353	263	E
179	Edwards AFB	CA	Mc HVAC Construct Shelter Dorm Quad 2512-2515	269	E
180	Edwards AFB	CA	Mc HVAC Construct Shelter Dorm Quad 2516-2519	269	E
181	Edwards AFB	CA	Repair Lighting, Research Engineering B1643	300	E
182	Edwards AFB	CA	Repair Energy Cool Roof Research Lab Sci & Eng Admin B8352	301	E
183	Edwards AFB	CA	Paint Various Main Base and Research Lab Facilities	306	O
184	Edwards AFB	CA	Repair Energy Insulation Bldg Jet Engine Shop B3800	316	E
185	Edwards AFB	CA	Repair Energy Cool Roof Vehicle Maint Shop B3510	328	E
186	Edwards AFB	CA	Repair Roof Audio/Visual B1405	333	R
187	Edwards AFB	CA	Repair Roof Research Lab Material & Supply Distro Center B8460	355	R
188	Edwards AFB	CA	Repair Lighting Air Base Wing Headquarters B3000	360	E
189	Edwards AFB	CA	Construct Curbs and Gutters Coliseum Drive	387	P
190	Edwards AFB	CA	Paint Floor Hangar Global Hawk B1414	527	O
191	Edwards AFB	CA	Repair Retrofit Lighting Hangar B151	564	E

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192	Edwards AFB	CA	Construct Reclaimed Water Lines at Waste Water Treatment Plant	699	E
193	Edwards AFB	CA	Construct Lighting, Research Lab Gate	731	E
194	Edwards AFB	CA	Realign Road Research Lab Gate	731	P
195	Edwards AFB	CA	Construct Canopies North Gate	731	O
196	Edwards AFB	CA	Construct Range Operations Warehouse	731	O
197	Edwards AFB	CA	Repair Overruns, Main Base Runway 04/22	860	P
198	Edwards AFB	CA	Repair Cool Roof Base Civil Engineering B3500	924	E
199	Edwards AFB	CA	Repair U/G Water Lines, New Desert Villa	1,290	E
200	Edwards AFB	CA	Repair HVAC & Controls Headquarters Bldg 1	1,505	E
201	Edwards AFB	CA	Repair HVAC Youth Center B6459	1,612	E
202	Edwards AFB	CA	Repair Pavement Civil Engineering Compound B3500	1,612	P
203	Edwards AFB	CA	Repair Taxiway Cable/Transformer	1,956	O
204	Edwards AFB	CA	Repair Perimeter Fencing	2,150	O
205	Edwards AFB	CA	Repair HVAC Dorm Quad 2512-2515	2,150	E
206	Edwards AFB	CA	Repair HVAC Dorm Quad 2516-2519	2,150	E
207	Edwards AFB	CA	Repair Taxi Lights Main Base Airfield	4,192	O
208	Edwards AFB	CA	Repair Energy Management Control System at Various Main Base and Research Lab Bldgs	5,219	E
209	Fort MacArthur Family Housing Annex	CA	Repair Carpet, B/37, Airman's Attic, 1st Floor, Ft. Mac.	23	Q
210	Fort MacArthur Family Housing Annex	CA	Repair Pedestrian Gate, East Fence	48	O
211	Fort MacArthur Family Housing Annex	CA	Repair Upgrade Pedestrian Gate, 30th Street, Fort MacArthur.	48	O
212	Fort MacArthur Family Housing Annex	CA	Design HVAC System, B/425, Fort MacArthur.	67	E
213	Fort MacArthur Family Housing Annex	CA	Slope Evaluation (North-East), Fort MacArthur.	485	O
214	Fort MacArthur Family Housing Annex	CA	Repair Airman's Community Center, Phase-2, B/403, Fort MacArthur.	592	Q
215	Fort MacArthur Family Housing Annex	CA	Repair Fort MacArthur Fencing, North-East Section.	700	O
216	Fort MacArthur Family Housing Annex	CA	Repair Perimeter Fence, Parade Field Section, Ft. Mac.	1,055	O
217	Los Angeles AFB	CA	Add Pedestrian Gate, B/261, Douglas Street	48	O
218	Los Angeles AFB	CA	Repair Fire Alarm System, B/286, Fitness Center.	54	O

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219	Los Angeles AFB	CA	Repair Domestic Water Main Valves	57	E
220	Los Angeles AFB	CA	Repair Fire Protection Water Main Valves	57	E
221	Los Angeles AFB	CA	Repair Reclaimed Water Main Valves	57	E
222	Los Angeles AFB	CA	Repair Perimeter Fencing, Photo Voltaic Lighting.	335	E
223	Los Angeles AFB	CA	Add Energy Reductions, HVAC Controls	592	E
224	Travis AFB	CA	Replace Roll-Up Door With Vault Door	54	O
225	Travis AFB	CA	Repair Fire Sprinkler Sys, B-1205	269	O
226	Travis AFB	CA	Install Fire Suppression System	296	O
227	Travis AFB	CA	Repair Gas Mains, Main Gate	538	E
228	Travis AFB	CA	Repair Gas Mains, Skymaster to Broadway	570	E
229	Travis AFB	CA	Repair Gas Mains, Broadway to Windward	570	E
230	Travis AFB	CA	Repair Gas Mains, 1200 Area and First Street	581	E
231	Travis AFB	CA	Repair Gas Mains, Main Gate to Skymaster Drive	592	E
232	Travis AFB	CA	Antiterrorism Perimeter Vehicle Denial Fencing	753	O
233	Travis AFB	CA	Repair Dormitory Bldg 1304	807	B
234	Travis AFB	CA	Repair & Replace 600 Ramp Spot 607	883	P
235	Travis AFB	CA	Replace 5kv Powerlines Sub A	4,843	E
236	Travis Water System Annex No 1	CA	Replace Reservoir 3, Fac #1518	3,767	U
237	Vandenberg AFB	CA	Install Ceiling Fans, Bldg. 13135	36	O
238	Vandenberg AFB	CA	Repair/Replace Uninterruptable Power Supply, Bldg 8401	43	E
239	Vandenberg AFB	CA	Construct Storage at Fire Station #1	54	O
240	Vandenberg AFB	CA	Repair Ladies Restroom, Bldg 9320	70	Q
241	Vandenberg AFB	CA	Repair Fence and Install Cable Barrier at Coast Gate	86	O
242	Vandenberg AFB	CA	Maintain San Antonio Creek Environmental Monitoring Ph 1	99	O
243	Vandenberg AFB	CA	Replace Taxiway Lights at South Alpha Taxiway	100	E
244	Vandenberg AFB	CA	Install Communications Room A/C, Bldg 8401	108	E
245	Vandenberg AFB	CA	Repair Missile/Space Research Lab, Bldg 7408	111	E
246	Vandenberg AFB	CA	Replace Chiller 1 at Administrative Bldg 8500	119	E
247	Vandenberg AFB	CA	Repair Fitness Center, Bldg 9005	132	O



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248	Vandenberg AFB	CA	Replace Roof at Material Supply, Bldg 11152	136	R
249	Vandenberg AFB	CA	Corrosion Control Antenna Farm	138	E
250	Vandenberg AFB	CA	Repair Comm Ground Tracking Radar Facility	154	O
251	Vandenberg AFB	CA	Renovate Men's and Women's Restrooms, Bldg 6523	198	Q
252	Vandenberg AFB	CA	Upgrade Feeder Cable, South-V Power Plant	215	E
253	Vandenberg AFB	CA	Replace Kitchen Floor, Bldg 13330	215	Q
254	Vandenberg AFB	CA	Replace HVAC Unit, Civil Engineer Maint Shop	223	E
255	Vandenberg AFB	CA	Renovate Training Facility at Civil Engineer Horizontal Shop, Bldg 10719	241	O
256	Vandenberg AFB	CA	Repair Chillers for Electronics Lab at Missile Maint Fac	262	E
257	Vandenberg AFB	CA	Maintain Backflow Prevention Devices Basewide, Fy09	269	E
258	Vandenberg AFB	CA	Repair North Edge of Road West of Bldg 441	281	P
259	Vandenberg AFB	CA	Repair 8th Street	348	P
260	Vandenberg AFB	CA	Energy Audit, Validate Short Circuit Analysis	377	E
261	Vandenberg AFB	CA	Replace Electrical Switchgear at Ct-3	377	E
262	Vandenberg AFB	CA	Construct Parking Lot Extension for Bldg 8314	444	P
263	Vandenberg AFB	CA	Repair 35th Street	445	P
264	Vandenberg AFB	CA	Repair Roof at Delta IV Solid Rocket Motor Facility	509	R
265	Vandenberg AFB	CA	Base-Wide Facility Painting Contract	538	O
266	Vandenberg AFB	CA	Repair Roof at Launch Vehicle Fab Shop, Bldg 8305	552	R
267	Vandenberg AFB	CA	Repair CRAC Units In Admin Bldg 7025	597	E
268	Vandenberg AFB	CA	Repair 30 Mission Support Group HQ Overflow Parking Lot	614	P
269	Vandenberg AFB	CA	Replace HVAC, Phase 3, Launch Control Center	738	E
270	Vandenberg AFB	CA	Repair 13th Street From Iceland Ave to California Blvd	856	P
271	Vandenberg AFB	CA	Repair Runway Shoulders	877	P
272	Vandenberg AFB	CA	Replace HVAC Units & Controls, Military Clothing Sales Fac	998	E
273	Vandenberg AFB	CA	Repair and Exercise Water Valves Basewide	1,075	E
274	Vandenberg AFB	CA	Repair Parking Lot at Reentry Vehicle Fac, Bldg 8415	1,266	P
275	Vandenberg AFB	CA	Repair California Blvd, Hwy 1 to Utah Ave	1,326	P

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276	Vandenberg AFB	CA	Repair Range Facilities Launch Operations Support Center Repair Backlog Plus Up	1,346	E
277	Vandenberg AFB	CA	Replace Water Line From Utah Gate to Montana	1,615	E
278	Vandenberg AFB	CA	Corrosion Control, Range Launch Facilities	1,723	E
279	Vandenberg AFB	CA	Repair/Replace Transformer B3	1,723	E
280	Vandenberg AFB	CA	Replace Arguello Blvd Water Line, A Tank to B Tank	1,831	E
281	Vandenberg AFB	CA	Maintain Slopes, Lower Honda Ridge Road	1,952	P
282	Vandenberg AFB	CA	Replace Water System, Main Cantonment, Ph-2	2,602	E
283	Vandenberg AFB	CA	Errosion Control, San Antonio Creek	3,984	U
284	Vandenberg AFB	CA	Construct 70 Storage Cages for Dormitory 13135	40	B
285	Buckley AFB	CO	Repair Bldg 28 Hot Water Leak and Add Access Door	22	E
286	Buckley AFB	CO	Construct Dumpster Enclosures at Fire House	27	O
287	Buckley AFB	CO	Construct Dumpster Enclosures at Bldg 606	43	O
288	Buckley AFB	CO	Repair Aspen St. Sidewalk Drains	43	O
289	Buckley AFB	CO	Replace HVAC Fire Alarm Sensors Bldg 1	43	E
290	Buckley AFB	CO	Install Parking Lot Lighting at Bldg 347	43	P
291	Buckley AFB	CO	Install 2 Ea. 4" Comm Ducts, Temh 13-3 to Bldg 1110	54	U
292	Buckley AFB	CO	Replace Electrical Wiring, B430, 460 Operations Group	65	E
293	Buckley AFB	CO	Repair Structural Cracks, Child Development Center	81	P
294	Buckley AFB	CO	Repair Fire Alarm Civil Engineering Storage Area	162	O
295	Buckley AFB	CO	Site Clearance/Remove Building 902	84	P
296	Buckley AFB	CO	Install Admin Bldg 606 Backup Generator	86	E
297	Buckley AFB	CO	Repair/Replace Electrical Wiring, B432, 460 Operations Group	96	E
298	Buckley AFB	CO	Repair/Replace Boiler/Pumps, B431, 2 Space Warning Sqd	96	E
299	Buckley AFB	CO	Replace Roof Bldg 431	108	R
300	Buckley AFB	CO	Replace Electrical Panels/Transformers, B430, 460 Operations Group	118	E
301	Buckley AFB	CO	Repair North Vail Ave	129	P

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302	Buckley AFB	CO	Repair/Replace Electrical Panels/Transformers, B430, 460 Operations Group	135	E
303	Buckley AFB	CO	Maintain Cathodic Protection Telluride Water Line	145	E
304	Buckley AFB	CO	Install Site-Wide Energy Mgt Cont Sys, 460 Operations Group	151	E
305	Buckley AFB	CO	Construct Winterpark Parking Lot	151	P
306	Buckley AFB	CO	Install Motion Sensors In Bldg 430	151	O
307	Buckley AFB	CO	Construct Sidewalk, A Basin to Sunlight Along Aspen St.	162	O
308	Buckley AFB	CO	Replace Electrical Wiring, B430, 460 Operations Group	172	E
309	Buckley AFB	CO	Repair/Replace Electrical Wiring, B431, 460 Operations Group	205	E
310	Buckley AFB	CO	Repair Telluride Gate Inspection Lane	215	P
311	Buckley AFB	CO	Construct Wing HQ Assembly Area	215	O
312	Buckley AFB	CO	Maintain Cathodic Protection 6th Ave Water Line	242	E
313	Buckley AFB	CO	Construct Energy Management Control System Control Center	258	O
314	Buckley AFB	CO	Maintain Parking Lot	269	P
315	Buckley AFB	CO	Construct Dumpster Enclosures at Warehouse	323	O
316	Buckley AFB	CO	Construct Overflow Parking Lot, Wing Head Quarters	323	P
317	Buckley AFB	CO	Repair Bldg 28 Hot Water Distribution System	431	E
318	Buckley AFB	CO	Repair Building Structure, 460 Operations Group	538	O
319	Cheyenne Mountain AS	CO	Maintain Chemical/Bacteriological/Radiation Filters	43	E
320	Cheyenne Mountain AS	CO	Replace Chiller Building A/C Unit (AC-17)	409	E
321	Cheyenne Mountain AS	CO	Install Chiller Adaptive Frequency Drives	571	E
322	Cheyenne Mountain AS	CO	Construct Emergency Response Center	748	O
323	Cheyenne Mountain AS	CO	Repair/Extend Roof Hoist (Bldg 1000)	1,561	O
324	Cheyenne Mountain AS	CO	Repair and Stabilize Land Slide Area	1,723	P
325	Peterson AFB	CO	Sustain Auto Shop Unit Heaters	9	E
326	Peterson AFB	CO	Repair & Construct Administrative Office, Bldg 391	13	O
327	Peterson AFB	CO	Repair Floor Military Working Dog Kennel	22	O

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328	Peterson AFB	CO	Repair Doors, B140	27	O
329	Peterson AFB	CO	Renovate Fire Station Entrance B218	32	P
330	Peterson AFB	CO	Repair Safety Deficiency With Heaters	32	O
331	Peterson AFB	CO	Sidewalk for Band of The Rockies	35	P
332	Peterson AFB	CO	Provide Separate Power for A/C Units (40 Ea), Bldg 1026	48	E
333	Peterson AFB	CO	Repair Trash Enclosure, B2	54	O
334	Peterson AFB	CO	Construct Addition Bldg 1229	65	O
335	Peterson AFB	CO	Crackseal Roads	65	P
336	Peterson AFB	CO	Repair Gas Grills, Dining B920	65	E
337	Peterson AFB	CO	Sustain Electrical In Visitors Quarters	75	E
338	Peterson AFB	CO	Repair Exit Enclosure at Bldg 104	75	O
339	Peterson AFB	CO	Construct Covered Meeting Area, B1376	75	Q
340	Peterson AFB	CO	Sustain HVAC Education Center	86	E
341	Peterson AFB	CO	Repair Customer Service Unit Area, Administrative B1322	97	O
342	Peterson AFB	CO	Construct Dorm Support Facility	108	O
343	Peterson AFB	CO	Repair Warehouse Parking Lot	108	P
344	Peterson AFB	CO	Construct Speed Tables	108	P
345	Peterson AFB	CO	Repair Variable Air Volume Controls, Combined Intel Support Fac Phase 1	120	E
346	Peterson AFB	CO	Replace Windows, Admin Bldg 503	135	E
347	Peterson AFB	CO	Repair Variable Air Volume Controls, Combined Intel Support Fac Phase 3	155	E
348	Peterson AFB	CO	Repair HVAC Controls, Mission Support Facility	162	E
349	Peterson AFB	CO	Repair Pavement Basewide	194	P
350	Peterson AFB	CO	Repair Variable Air Volume Controls, Combined Intel Support Fac Phase 2	200	E
351	Peterson AFB	CO	Ramp-Replace Joint Seal	215	P
352	Peterson AFB	CO	Relocate and Replace Transformer Activities Center Area	215	E

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353	Peterson AFB	CO	Repair Fire Suppression System, B1013	215	O
354	Peterson AFB	CO	Construct Bus Shelters	215	Q
355	Peterson AFB	CO	Replace Roof, Administrative Bldg 1700	222	R
356	Peterson AFB	CO	Repair Pavement Thule St	237	P
357	Peterson AFB	CO	Renovate Wing Headquarters Restrooms	242	Q
358	Peterson AFB	CO	Repair HVAC System Admin B504	269	E
359	Peterson AFB	CO	Construct Aircraft Support System	269	O
360	Peterson AFB	CO	Repair Fire Suppression System, B1324 B678	269	O
361	Peterson AFB	CO	Repair Airfield Ramp	269	P
362	Peterson AFB	CO	Renovate Command Post Area	269	O
363	Peterson AFB	CO	Renovate Education Center Classrooms & Restrooms	484	O
364	Peterson AFB	CO	Addition to Security Forces, Bldg 1376	302	O
365	Peterson AFB	CO	Construct Shelters	345	Q
366	Peterson AFB	CO	Sustain Roof, Admin Bldg 1026	377	R
367	Peterson AFB	CO	Antiterrorism Upgrades, Security Forces, Bldg 1376	379	O
368	Peterson AFB	CO	Sustain Natural Gas Lines, Phase 4	380	E
369	Peterson AFB	CO	Install Concrete Fuel Vehicle Parking	409	P
370	Peterson AFB	CO	Install New HVAC System Opl Tng, B625	431	E
371	Peterson AFB	CO	Construct Peak View Park Restrooms, B2010	488	Q
372	Peterson AFB	CO	Repair Roads and Parking Lots	501	P
373	Peterson AFB	CO	Repair Precision Instrumentation Controls & Calabration to Meet Fire Codes	538	O
374	Peterson AFB	CO	Install A/C In Lodging, Bldg. 1030	538	E
375	Peterson AFB	CO	Repair HVAC System, Bldg 406	549	E
376	Peterson AFB	CO	Repair Storm Drainage Paine St	673	O
377	Peterson AFB	CO	Sustain Natural Gas Lines, Phase 2	709	E
378	Peterson AFB	CO	Repair Landscaping & Install Bollards, Bldg 1840 & 1844	754	O
379	Peterson AFB	CO	Construct Peterson East Exterior Lighting	754	E
380	Peterson AFB	CO	Repair Flightline Fence	786	O
381	Peterson AFB	CO	Replace Security Forces HVAC System, Bldg 1376	849	E

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382	Peterson AFB	CO	Repair/Upgr Fire Detection @ HQ Space Command Bldg	915	O
383	Peterson AFB	CO	Repair Base Power Ph VI	969	E
384	Peterson AFB	CO	Repair Security Forces, Bldg1376	1,755	O
385	Schriever AFB	CO	Repair Comm Manhole Collars	5	U
386	Schriever AFB	CO	HVAC Modification, Admin B715	11	E
387	Schriever AFB	CO	Modify Boundary Fence, West of Enoch Rd	16	O
388	Schriever AFB	CO	Widen Stairway, Colorado Tracking Station, B410/411	22	O
389	Schriever AFB	CO	Repair Roof, Colorado Tracking Station, B410/411	37	R
390	Schriever AFB	CO	Repair HVAC, B120 Aerobic & Cardio Rooms	52	E
391	Schriever AFB	CO	Repair Locking Device on Comm Manhole Cover, B700	75	U
392	Schriever AFB	CO	Install Sanitary Sewerline, B36 to 10" Main	81	E
393	Schriever AFB	CO	Install Area Wide Lighting, B36	180	E
394	Schriever AFB	CO	Mnt Erosion Control West Channel, Middle Segment, P2 of 3	184	U
395	Schriever AFB	CO	Install Addition, Administrative B500, Rm 156	237	O
396	Schriever AFB	CO	Install Security Forces Warehouse Addition, B620	243	O
397	Schriever AFB	CO	Install Ground Source Heat Pumps	258	E
398	Schriever AFB	CO	Install Motion Sensors, Multi Bldg	323	E
399	Schriever AFB	CO	Install Steam/Flow Metering, Basewide	431	E
400	Schriever AFB	CO	Repair Fire Detection System, Admin B300	743	O
401	USAF Academy	CO	Replace Electrical Supply With Solar Array	18,300	E
402	Dover AFB	DE	Repair Roof Fuels Operation Fac 726	124	R
403	Dover AFB	DE	Repair Roof Civil Engineering Facility 608 (S/R)	248	R
404	Dover AFB	DE	Repair Roof Civil Engineering Facility 607 (S/R)	269	R
405	Dover AFB	DE	Decentralize Lodging Facility 800	506	E
406	Dover AFB	DE	Repair Dormitory Finishes Bldgs 430 & 435	538	B
407	Dover AFB	DE	Repair Airfield Pavement/Drainage	538	P
408	Dover AFB	DE	Paint Exterior O&M Facilities	538	O
409	Dover AFB	DE	Repair Base Pavement	538	P
410	Dover AFB	DE	Repair Base Fencing	538	O

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
411	Dover AFB	DE	Replace Water Plant Booster Pumps (S/R)	700	E
412	Dover AFB	DE	Repair Water Storage (S/R)	1,076	E
413	Dover AFB	DE	Repair Decentralize Central Heat Plant - Gas Lines West	1,184	E
414	Dover AFB	DE	Repair Decentralize Central Heat Plant - Gas Lines East	1,937	E
415	Dover AFB	DE	Replace N Substation Transformer	2,691	E
416	Dover AFB	DE	Repair Decentralize Central Heat Plant, Ph 2 East of Atlantic	3,767	E
417	Dover AFB	DE	Repair Decentralize Central Heat Plant, Ph 3 East of Atlantic	3,982	E
418	Dover AFB	DE	Repair Decentralize Central Heat Plant, Ph 1 East of Atlantic	4,843	E
419	Dover AFB	DE	Repair Decentralize Central Heat Plant, Ph 2 West of Atlantic	4,843	E
420	Dover AFB	DE	Repair/Install Ice Tank Storage System, (12 projects for 12 facilities)	4,843	E
421	Dover AFB	DE	Repair Decentralize Central Heat Plant, Ph 1 West of Atlantic	4,951	E
422	Dover AFB	DE	Repair Dorm 445	6,458	B
423	Cape Canaveral AS	FL	Repair Warning Light Switch, Fuel Storage Area #2	11	E
424	Cape Canaveral AS	FL	Repair Roof, Vehicle Dispatch Office, 44500	42	R
425	Cape Canaveral AS	FL	Repair Roof, Fac 60600	100	R
426	Cape Canaveral AS	FL	Add HVAC System, EELV Ordnance Storage Fac 72702	140	E
427	Cape Canaveral AS	FL	Repair HVAC System, Hangar "Y", Fac 1115	151	E
428	Cape Canaveral AS	FL	Add A/C, Administrative Facility 60709	162	E
429	Cape Canaveral AS	FL	Repair Fire System Main Control Lines & Valves	174	O
430	Cape Canaveral AS	FL	Repair Lightning Protection System, Solid Motor Assembly Fac	248	O
431	Cape Canaveral AS	FL	Add Potable Water Sys, Blast Media Area	269	E

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432	Cape Canaveral AS	FL	Repair/Upgrade Lightning Protection Sys, Fuel Storage Area # 3	302	O
433	Cape Canaveral AS	FL	Repair Roof, I & E Bldg	318	R
434	Cape Canaveral AS	FL	Repair Force Mains, Various	323	E
435	Cape Canaveral AS	FL	Repair HVAC Controls, Morrell Operations Center	377	E
436	Cape Canaveral AS	FL	Repair Lightning Protection Systems, Area 59	377	O
437	Cape Canaveral AS	FL	Construct Airfield Lighting Vault	404	O
438	Cape Canaveral AS	FL	Repair Lightning Protection Systems, Delta Facilities	420	O
439	Cape Canaveral AS	FL	Construct Facility at General Purpose Navigation-30 Radar	431	O
440	Cape Canaveral AS	FL	Repair Lightning Protection Systems, Fuel Storage Area 5	495	O
441	Cape Canaveral AS	FL	Maintain Paint/Finishes, Various	519	O
442	Cape Canaveral AS	FL	Repair HVAC System, Motor Assembly Bldg, Ag, 62820	590	E
443	Cape Canaveral AS	FL	Repair Roads & Parking	606	P
444	Cape Canaveral AS	FL	Construct Pipeline, Phillips Pkwy to Complex-41	700	E
445	Cape Canaveral AS	FL	Repair Lift Stations, Various	845	E
446	Cape Canaveral AS	FL	Repair Parking, Hangar "I"	846	P
447	Cape Canaveral AS	FL	Repair Drainage & Clear Zone	926	P
448	Cape Canaveral AS	FL	Repair Pump Station #7, Fac 29150	969	E
449	Cape Canaveral AS	FL	Repair High Voltage Elec Sys, Transformer Replace	988	E
450	Cape Canaveral AS	FL	Repair 16" Water Mains, Phillips Pkwy, North	1,184	E
451	Cape Canaveral AS	FL	Repair Lightning Protect System, Fuel Storage Facility # 2	1,222	O
452	Cape Canaveral AS	FL	Repair Center & South Sections of Roof, Facility 70510	1,464	R
453	Cape Canaveral AS	FL	Repair Chillers, Telemetry Fac IV	1,508	E
454	Cape Canaveral AS	FL	Repair "F" Line, O/H to U/G	3,553	E
455	Cape Canaveral AS	FL	Repair "H" Line, O/H to U/G	4,092	E
456	Cape Canaveral AS	FL	Correct Fire/Safety Codes, Admin Facility, Bldg 1645	40	O
457	Eglin AFB	FL	Pavement Markings 33 Fighter Wing Washrack	2	O



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458	Eglin AFB	FL	Pavement Markings, Operations Fac. Bldg 1345	5	O
459	Eglin AFB	FL	Replace Dumpster Pad Site C-6	11	P
460	Eglin AFB	FL	Repair Transformer	11	E
461	Eglin AFB	FL	Restripe Range Road 218 Navy Explosive Ordinance School	11	O
462	Eglin AFB	FL	Seal Joints Cryogenics Pad	11	P
463	Eglin AFB	FL	Install Water Line Hush House Bldg 113	16	E
464	Eglin AFB	FL	Restripe Dorm 19 Parking Area	20	O
465	Eglin AFB	FL	Maint Perimeter Fence Clear Zone Fld 3	27	O
466	Eglin AFB	FL	Electrical Work, Admin Fac. Bldg 210	27	E
467	Eglin AFB	FL	Airfield Markings - Aux Field	43	O
468	Eglin AFB	FL	Install Emergency Generator Well 2590	54	E
469	Eglin AFB	FL	Install Security Fence Reservation Water Wells	54	O
470	Eglin AFB	FL	Repair Roof, Transmitter Fac. Bldg 9982,	56	R
471	Eglin AFB	FL	Maintain/Overlay Parking Dorm 18	56	P
472	Eglin AFB	FL	Maint/Overlay Parking Ramp Bldg 1343 Maint Dock, S/A	64	P
473	Eglin AFB	FL	Repair Parking Area, Maint. Shop, Bldg 1408	73	P
474	Eglin AFB	FL	Seal Exterior, ARMT Research Fac	81	E
475	Eglin AFB	FL	Install Security Fence Water Wells	81	O
476	Eglin AFB	FL	Overlay Access Roads , Community Support	81	P
477	Eglin AFB	FL	Retrofit Lighting, Blds 3040, 107, 1331, 1332, 2400	92	E
478	Eglin AFB	FL	Install HVAC Bldg 95 Fuels Facility	107	E
479	Eglin AFB	FL	Replace Roof, Operations Fac. Bldg 985	119	R
480	Eglin AFB	FL	Replace HVAC, Operations Facility, Bldg 89	134	E
481	Eglin AFB	FL	Repair Pavement Civil Engineering Compound	140	P
482	Eglin AFB	FL	Const Parking Area Oak Hill Track	150	P
483	Eglin AFB	FL	Maintain Parking Lots 33FW Area	163	P
484	Eglin AFB	FL	Replace Chiller/Install Solar Roofing, Maint Fac, Bldg 1328	213	E
485	Eglin AFB	FL	Const/Widen Perimeter Road	269	P

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486	Eglin AFB	FL	Overlay Parking Area, Community Support	269	P
487	Eglin AFB	FL	Maint Road and Parking Lot Striping	271	P
488	Eglin AFB	FL	Maint Pavement Motor Pool Area	279	P
489	Eglin AFB	FL	Solar Reflective Roofs Bldgs 1392, 210, 11	290	E
490	Eglin AFB	FL	Secure Reservation Water Hydrants	322	E
491	Eglin AFB	FL	Maintain Range Road 213 (Rr236 to Field 5)	430	P
492	Eglin AFB	FL	Energy Audit - Study Biomass Facility	500	E
493	Eglin AFB	FL	Corrosion Control South of Eglin Blvd	537	O
494	Eglin AFB	FL	Maint Airfield Striping and Rubber Removal	752	O
495	Eglin AFB	FL	Maint/Corrosion Control 33 Fighter Wing Area	860	O
496	Eglin AFB	FL	Overlay Range Road 213 (B75 to Field 7)	967	P
497	Eglin AFB	FL	Repair Emergency Notification System	967	O
498	Eglin AFB	FL	Antiterrorism Improvements, Site C-6	1,292	O
499	Eglin AFB	FL	Repair T/W's R & P (T21a, T24a, T13a)	2,365	P
500	Eglin AFB	FL	Repair East Aprons (A01b, A24b, A25b & A30b)	4,945	P
501	Eglin AFB	FL	Repair East Apron (A28b, A29b)	5,160	P
502	Eglin AFB	FL	Repair Runway 01/19 Main Base	5,374	P
503	Eglin AFB	FL	Repair R/W 12/30 Main Base	6,449	P
504	Eglin Air Force Auxiliary Field #3	FL	Maint Pavements Age Shop Fld 3	54	P
505	Eglin Air Force Auxiliary Field #3	FL	Construct Safe Room SCIF	323	O
506	Eglin Air Force Auxiliary Field #3	FL	Corrosion Control Aux Fld 3	430	O
507	Eglin Air Force Auxiliary Field #3	FL	Replace Mech Room Floor, Admin B/8640	538	O
508	Eglin Air Force Auxiliary Field #6	FL	Install Security Fencing Water Well Bldg 6100 Fld 6	27	O
509	Hurlburt Field	FL	Install Restricted Area Signage	27	O
510	Hurlburt Field	FL	Expand Parking Lot, Main Gate, Bldg 90048	108	P
511	Hurlburt Field	FL	Repair Roof, 720 Stg Bldg 90747	162	R
512	Hurlburt Field	FL	Repair Roof 823 Red HORSE Dispatch Bldg 91130	216	R
513	Hurlburt Field	FL	Replace Roof, 556 Red HORSE Bldg 91147	270	R
514	Hurlburt Field	FL	Repair Roofs, Multi	323	R
515	Hurlburt Field	FL	Paint Buildings, Multi	431	O

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516	Hurlburt Field	FL	AF Office of Special Investigations AF Office of Special Investigations Detachment 309, Bldg 90310	476	O
517	Hurlburt Field	FL	Replace Sanitary Sewage System, East Side	539	E
518	Hurlburt Field	FL	Repair 6 SOS Hangar/Doors, Bldg 90825	539	O
519	Hurlburt Field	FL	Construct Warehouse, 1 Special Operations Combat Sqd	725	O
520	Hurlburt Field	FL	Realign O'neill Avenue/Install Traffic Lights	742	P
521	Hurlburt Field	FL	Extend Perimeter Fence, Commando Village	748	O
522	Hurlburt Field	FL	Repair Dining Fac Bldg 90326	1,617	Q
523	MacDill AFB	FL	Runway Rubber Removal & Remarking	339	O
524	MacDill AFB	FL	Repair Asphalt Adjacent to Concrete South Apron	431	P
525	MacDill AFB	FL	Repair North Apron Feature A36b	1,088	P
526	MacDill AFB	FL	Repair North Apron Taxi Route	4,305	P
527	MacDill AFB	FL	Repair South Apron Storm Drainage (Networks F & G)	6,027	P
528	Patrick AFB	FL	Repair Fire Protection Systems, Billeting Qtrs,251, & Fire Sta,810	378	O
529	Patrick AFB	FL	Airfield Lighting Sustainment	560	E
530	Patrick AFB	FL	Repair Pavement on Rescue Road	581	P
531	Patrick AFB	FL	Maintain Roofs, Var Fac	618	R
532	Patrick AFB	FL	Repair Fire Alarm System, B425	915	O
533	Patrick AFB	FL	Repair Flat Roof Area & Replace Stained Windows W/ Hur, S Chapel	1,077	R
534	Patrick AFB	FL	Remove Airfiled Obstructions	50	O
535	Tyndall AFB	FL	Mtn Exterior Paint, Chapel Annex Bldg 1476	38	O
536	Tyndall AFB	FL	Mtn Exterior/Interior Paint, Natural Resources Bldg 1260	58	O
537	Tyndall AFB	FL	Repair Soil Erosion Over Ammo Bunker, Bldg 7028	64	P
538	Tyndall AFB	FL	Mtn Exterior & Interior Paint, Munitions Shop Bldg 7026	70	O
539	Tyndall AFB	FL	Buildings Envelop Improvements, Var Fac	128	E

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540	Tyndall AFB	FL	Mtn Exterior Dorm Door Paint Bldgs 1149,1036, & 1046	131	B
541	Tyndall AFB	FL	Extend Fire Suppressions Sys, Telephone Switch Bldg 649	149	O
542	Tyndall AFB	FL	Install Concrete Pad for Arresting Cable, Runway 311	159	O
543	Tyndall AFB	FL	Mill & Pave Fuels Ave	186	P
544	Tyndall AFB	FL	Add Drainage Culvert, East End Airfield	213	P
545	Tyndall AFB	FL	Repair Storm Drain, Flight line Road	239	E
546	Tyndall AFB	FL	Slurry Seal Inside Runway	319	P
547	Tyndall AFB	FL	Mtn Interior & Exterior Paint, Flit Simulator Bldg 546	319	O
548	Tyndall AFB	FL	Install Security Bollards, Camp Eagle Road	319	O
549	Tyndall AFB	FL	Mtn Florida Ave From Hanger 5 to Run-Up Pad	319	P
550	Tyndall AFB	FL	Extend North Overrun, Drone Runway	319	P
551	Tyndall AFB	FL	Maintain Airfield Paint	340	P
552	Tyndall AFB	FL	Repair Roofs, Quad Dorms, Bldg 1150-1156	399	P
553	Tyndall AFB	FL	Replace Lighting & Add Occupancy Sensors, Var Hangars	441	E
554	Tyndall AFB	FL	Install Lights for Ear Check Pad, 13r	531	E
555	Tyndall AFB	FL	Resurface Fitness, Test and Training Track	542	P
556	Tyndall AFB	FL	Provide Potable Water, Ammo Area	638	E
557	Tyndall AFB	FL	Construct Fitness Center, Silver Flag	691	O
558	Tyndall AFB	FL	Replace Roof Child Development Center, Bldg 1410	744	R
559	Tyndall AFB	FL	Mill & Overlay Both Overruns, Drone Runway	744	P
560	Tyndall AFB	FL	Repair Pavement, NCOs Drill Pad	797	P
561	Tyndall AFB	FL	Repair/Upgrade Ramp Lighting, Ph I	3,188	E
562	Tyndall AFB	FL	Repair/Upgrade Ramp Lighting, Ph II	3,188	E
563	Tyndall AFB	FL	Repair Primary Feeder, Ill, Ph II	4,995	E
564	Tyndall AFB	FL	Replace Elect Service Lateral Line, Ph I	5,101	E
565	Moody AFB	GA	Repair Overhead Elect Dist (Underground), Robbins Rd & Berger St	63	E
566	Moody AFB	GA	Repair Burma Rd Underground Elect	88	E

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567	Moody AFB	GA	Repair Hangar Door Seals and Heating Controls	211	E
568	Moody AFB	GA	Repair Roof Linen Exchange, B319	211	R
569	Moody AFB	GA	Const Age Yard, C-130 Ramp	370	P
570	Moody AFB	GA	Repair Elect U/G, Georgia St Mitchell Blvd to Robinson Rd	370	E
571	Moody AFB	GA	Repair Non-Potable Water Lines	404	U
572	Moody AFB	GA	Const Sewer/Water Line Explosive Ordnance Disposal	423	E
573	Moody AFB	GA	Option Hot Pit Airfield Pavement	528	P
574	Moody AFB	GA	Repair Electrical, Robbins Road (Rh)	645	E
575	Moody AFB	GA	Repair/Const Maritime Operations Fac	748	O
576	Moody AFB	GA	Repair HVAC Comm Fac, B454	793	E
577	Moody AFB	GA	Repair Helo Hangar Fire Suppression, Bldg. 609	848	O
578	Moody AFB	GA	Repair Airfield Electrical System (Aori)	1,585	E
579	Moody AFB	GA	Repair Logistics Repair Sqd Facility Roof, B932	2,263	R
580	Robins AFB	GA	Repair/Replace Open Curb Drn Grate, Storm Drain Dspl, Near 794	2	E
581	Robins AFB	GA	Repair AC Unit From Roof, HQ Major Command, B/210	5	E
582	Robins AFB	GA	Repair/Replace Roof Vents/ Boiler Exh. Stack,Htg Faculty Bldg, B/644	11	E
583	Robins AFB	GA	Repair/Replace Lightning Protection , AF Comm Sqd Maint Faculty, B/1371	11	O
584	Robins AFB	GA	Mnt/Pnt Exterior of Faculty, Misc Rectn Bld, B/1316	11	O
585	Robins AFB	GA	Repair/Replace Lighting Above Showers, Lodging, B/557	11	E
586	Robins AFB	GA	Construct Parking Lot, Vehicle Parking, Operations, B/1348	12	P
587	Robins AFB	GA	Repair/Replace 2 A/C Units, Com Facility, B/2880	15	E
588	Robins AFB	GA	Repair/Replace Roof, Weighing Scale, Fac8916	16	R
589	Robins AFB	GA	Repair/Replace Boiler Water Main Feed Pumps, Htg Faculty Bldg, B/177	16	E

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590	Robins AFB	GA	Mnt / Paint Facs @ Wtr Plant 2, B / 810, 811	19	O
591	Robins AFB	GA	Maint/Paint Interior, Prod Ammo Ex/Tx, B/100	21	O
592	Robins AFB	GA	Repair/Inst Wire Type Fence In Maint Shp, Htg Faculty, B/177	21	O
593	Robins AFB	GA	Repair/Replace Wall Paper, Dh Amn (Det), B/2062	21	O
594	Robins AFB	GA	Repair/Inst Emergency Lighting In LE Area, Log Faculty Dep Operations, B/300	21	E
595	Robins AFB	GA	Repair/Replace Light Fixtures, Gymnasium, B/827	27	E
596	Robins AFB	GA	Cnst/Pave Area West of B/377, Vehicle Parking, Operations	27	P
597	Robins AFB	GA	Repair/Upgrade Ind Waste Lift Station, Fac/87320	27	E
598	Robins AFB	GA	Repair/Replace HVAC Controls, Sp Operations, B/263	29	E
599	Robins AFB	GA	Repair/Replace Roof, Log Faculty Dep Operations, B/300	32	R
600	Robins AFB	GA	Mnt/Paint Exterior Of, Comm Faculty, B/225	43	O
601	Robins AFB	GA	Repair/Renv Four Restrooms, AF Contracting Sqd Maint Fclty,B/1371	54	Q
602	Robins AFB	GA	Repair/Maint/Clean Ac Ducts, Base Engr Admin, B/280	54	E
603	Robins AFB	GA	Maint / Paint Wst Wtr Plant 1, Facilities	64	O
604	Robins AFB	GA	Maint/Treat Heating/Cooling Sys,17 Building Base wide	64	E
605	Robins AFB	GA	Repair/Replace Ac Unit, Bays A&C, AFCS Maint Faculty, B/1371	64	E
606	Robins AFB	GA	Maint/Treat Heating/Cooling Sys, Basewide	81	E
607	Robins AFB	GA	Mnt/Paint Outside of Tank and Structure, Water Tank Storage, B/175	86	O
608	Robins AFB	GA	Const Driveway North, Whse Sup Equip Dep, B/333	91	P
609	Robins AFB	GA	Repair/Replace Elect Feeder Bus Duct, B/177	91	E
610	Robins AFB	GA	Repair/Repave Parking Lot, Vehicle Parking Operations, B/985	91	P
611	Robins AFB	GA	Repair/Inst Power Poles W/ Data/Comm, Base Engr Admin, B/280	94	E

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612	Robins AFB	GA	Remove Grass Island/Replace with Asphalt to Add Parking	103	P
613	Robins AFB	GA	Repair/Replace Piping to Clar/Tricklng Filters, Wst Trmt Bldg, B/322	107	E
614	Robins AFB	GA	Repair/Upgrade HVAC Sys, A/C Plant 25 - 100 Tn, B/769	107	E
615	Robins AFB	GA	Repair/Replace HVAC Sys, Log Faculty Dep Operations, B/300	107	E
616	Robins AFB	GA	Repair Access Road, Rg, Small Arms Sys, Rear, B/1168	107	P
617	Robins AFB	GA	Repair/Replace Chlorination Sys, Well#8, Bld Wtr Sup, Fac 8458	124	E
618	Robins AFB	GA	Repair/Replace Chlorination Sys, Well#1, Bldg Wtr Sup, Fac 8451	124	E
619	Robins AFB	GA	Maint/Tune Satellite Gas Boilers, Gas Mains, Admin Fac 8661	129	E
620	Robins AFB	GA	Maint/Inst Insulation, Steam Pits/Lines/Valves, Steam Ht Main, Fac 08225	129	E
621	Robins AFB	GA	Maint/Tune Satellite Gas Boilers (Energy Reduction Project)	129	E
622	Robins AFB	GA	Repair/Replace Pumps and Valves, Ind Wst Trmt&Dspl, B/352	134	E
623	Robins AFB	GA	Maint/Overlay Robins Parkway	161	P
624	Robins AFB	GA	Repair/Replace Safety/Adam Items, Log Faculty Dep Operations,B/300	161	O
625	Robins AFB	GA	Repair/Replace Safety/Adam Items, Log Faculty Dep Operations, B/301	161	O
626	Robins AFB	GA	Repair/Renv R/R's/Replace HVAC Sys, Sp Operations, B/263	167	E
627	Robins AFB	GA	Repair Parking Lot, Bldg 914	172	P
628	Robins AFB	GA	Repair/Replace Lighting In to Library, Log Faculty Dep Operations, B/301	172	E

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629	Robins AFB	GA	Mnt/Cln HVAC Dct/Rmv Abndn Thermostats, Log Faculty Dep Operations, B/301	188	E
630	Robins AFB	GA	Mill/Overlay Robins Pkwy From Richard Ray to First Crosswalk	214	P
631	Robins AFB	GA	Repair/Inst Landscaping for Force Protect B'wide	215	P
632	Robins AFB	GA	Resurface Fitness Test & Training Track, Fitness Center, Fac 7518	215	P
633	Robins AFB	GA	Repair/Overlay Parking Lots/Driveways, Lodgings, B/551,552,& 553	215	P
634	Robins AFB	GA	Repair/Replace Perimeter Fence North Boundary Along Hwy 247 to Gate	236	O
635	Robins AFB	GA	Mnt/Coat Non-Portable Wtr Tank, Fr Protec Wtr Stor,#20090	269	E
636	Robins AFB	GA	Repair/Overlay Watson Blvd	269	P
637	Robins AFB	GA	Cnst Parking Lot Se 2nd St	322	P
638	Robins AFB	GA	Repair Bldg, Shp, Refl Veh, B/190	322	O
639	Robins AFB	GA	Mnt/Cln HVAC Dcts Bay C&D, Log Fclty Dep Operations, B/300	376	E
640	Robins AFB	GA	Repair/Renov Lodging Rms, B/551/552/553/557	537	Q
641	Robins AFB	GA	Repair/Replace HVAC Sys,Gymnasium, B/827	537	E
642	Robins AFB	GA	Mnt/Coat Non-Portable Water Tank, Fr Protec Wtr Stor,#96	591	E
643	Robins AFB	GA	Repair/Inst High Mast Lighting, Fuel Storage Area	752	E
644	Robins AFB	GA	Repair/Replace Perimeter Fence North Boundary Along Hwy 247 to Gate	1,021	O
645	Robins AFB	GA	Repair/Replace Perimeter Fence North Boundary Along Hwy 247 to Gate	1,075	O
646	Robins AFB	GA	Repair/Replace Usts, Exch Service Sta, B/922	1,129	O
647	Robins AFB	GA	Repair/Replace Oh Elec Cir,4160v, Frm B/1404 to Ga Pwr Plt	1,231	E
648	Robins AFB	GA	Repair/Replace HVAC System, Amn Dorm, B/756	1,612	E



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
649	Robins AFB	GA	Repair/Replace "J" Spurs, Taxiway, Fac/03905	1,612	P
650	Robins AFB	GA	Repair HVAC/Ltg, Log Fac Dep Operations, Bay G, B/300 E/W	2,042	E
651	Robins AFB	GA	Repair HVAC/Ltg, Log Fac Dep Operations, Bay H, B/300 E/W	2,042	E
652	Robins AFB	GA	Repair/Replace Barriers at Gates, 1, 3, & 14	2,355	O
653	Robins AFB	GA	Repair/Replace Windows/Pnt Exterior, HQ Major Comd, B/220	2,446	E
654	Robins AFB	GA	Repair/Replace Concrete-1st St. Dv Gate to Rbns Pkwy, Driveway,8542	2,563	P
655	Robins AFB	GA	Repair/Replace Aprons West of B/125/127	3,762	P
656	Robins AFB	GA	Repair Runway 33	3,762	P
657	Tattnall Space Surveillance Station	GA	Repair Pavements	5	P
658	Tattnall Space Surveillance Station	GA	Repair Water Storage Tank	11	E
659	Andersen Administration Annex	GU	Repair Santa Rosa Water Tank	323	E
660	Andersen Administration Annex	GU	Construct By-Pass Line at Santa Rosa Tank	645	E
661	Andersen Administration Annex	GU	Repair Waterline From Santa Rosa Tank to Back Gate	3,227	E
662	Andersen Administration Annex	GU	Repair Waterline From Wells 5-9 to Santa Rosa Tank	4,303	E
663	Andersen AFB	GU	Repair Crumm Ave From Kenny Ave to Bonins Blvd	188	P
664	Andersen AFB	GU	Repair Taxiway B Hardstands (S72, S74, S76)	807	P
665	Andersen AFB	GU	Repair Center Ramp Hardstands, Ph 2	1,936	P
666	Andersen AFB	GU	Repair Center Ramp Hardstands, Ph 3	1,936	P
667	Andersen AFB	GU	Repair Center Ramp Hardstands, Ph 4	1,936	P
668	Andersen AFB	GU	Repair Center Ramp Hardstands, Ph 5	1,936	P
669	Andersen AFB	GU	Repair Center Ramp Hardstands, Ph 6	1,936	P
670	Andersen AFB	GU	Repair South Ramp 5 and Taxiway B Hardstands, (S58 to S70)	2,151	P
671	Andersen AFB	GU	Repair Taxiway C, Phase 4 (Btwn Taxiways J and K)	6,239	P
672	Wake Island Airfield	GU	Repair Roofs, Multiple Facilities	1,452	R
673	Hickam AFB	HI	Paint Exterior, Youth Center, B1335	215	Q
674	Hickam AFB	HI	Repair Pavement Omalley Outbound (IDIQ)	296	P

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675	Hickam AFB	HI	Repair Lighting - Energy Efficient Upgrades - Phase II	303	E
676	Hickam AFB	HI	Paint Exterior Main Child Development Ctr, Bldg 1597/1598 (IDIQ)	323	Q
677	Hickam AFB	HI	Repair Pavement Engine Test Road	430	P
678	Hickam AFB	HI	Repair Taxiway Ha/Hb Intersection	430	P
679	Hickam AFB	HI	Repair Alert Pad Shoulder	484	P
680	Hickam AFB	HI	Repair Water Line, Vickers Avenue, Phase 4	557	E
681	Hickam AFB	HI	Repair/Upgrade Communications Infrastructure, Kuntz Avenue	753	O
682	Hickam AFB	HI	Repair Pavement Vandenberg From I St to Overpass	861	P
683	Hickam AFB	HI	Repair Water Line, Signer Blvd.	1,398	E
684	Hickam AFB	HI	Repair Fitness Center, B1120	9,681	O
685	Hickam AFB	HI	Repair HQ Building 1102 (HQ Pacaf) - Ph 1	31,516	O
686	Kaena Point Satellite Tracking Station	HI	Erosion Control Struc, Kpsts	43	O
687	Kaena Point Satellite Tracking Station	HI	Replace/Repair Water Storage Tanks	431	E
688	Kaena Point Satellite Tracking Station	HI	Repair/Onstruct Potable Water System, Kpsts	861	E
689	Kaena Point Satellite Tracking Station	HI	Replace Dillingham Waterline	1,023	E
690	Mountain Home AFB	ID	Mob/Demob, Grandview Gate Pop-Up Barrier (Qyzh060051)	26	O
691	Mountain Home AFB	ID	Finalize Ccd for Ces Complex	37	O
692	Mountain Home AFB	ID	Route and Seal Taxiway Joints	291	P
693	Mountain Home AFB	ID	Repair Roof, Multiple Facilities	307	R
694	Mountain Home AFB	ID	Refurbish Hangar Door Tracks, B1330 & 1332	381	O
695	Mountain Home AFB	ID	Repair Roof, Wing HQ, Fac 512	613	R
696	Mountain Home AFB	ID	Repair Ddc, Canopy System for Multiple Facilities	1,264	E
697	Mountain Home AFB	ID	Repair Electric Sys "B" Ckt	1,585	E
698	Mountain Home AFB	ID	Repair Dining Facility, Fac. 2316	2,114	Q
699	Mountain Home AFB	ID	Maintain Slabs, B Ramp (Phase 2 of 8)	2,114	P
700	Mountain Home AFB	ID	Repair Lodging, B2318	4,847	Q
701	Scott AFB	IL	Seal Leaking Roof, Admin B3172	16	R
702	Scott AFB	IL	Replace Ventilation Hood	27	Q

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703	Scott AFB	IL	Remove/Replace Shingles, Admin B504	43	R
704	Scott AFB	IL	Install Anti-Vehicle Cable System (Bldg 4700)-Temp Gates/Sf	52	O
705	Scott AFB	IL	Dock/Dry Hydrant/Test Stand, B3170, Fd Trg Area	54	O
706	Scott AFB	IL	Install Snow/Ice Guards, Admin B433	59	R
707	Scott AFB	IL	Replace Air Handling Unit (R/M-Energy) B1930	75	E
708	Scott AFB	IL	Repair Roof 155, Aquatic Fitness Center	135	R
709	Scott AFB	IL	Renovate Offices/Repair Sewer, B433	323	E
710	Scott AFB	IL	5yp Replace Roof Multi	484	R
711	Scott AFB	IL	5yr Repair Bottom of 6' Culvert, Pryor Drive	517	U
712	Scott AFB	IL	Install Flightline Cable Barrier System	726	O
713	Scott AFB	IL	Regrade South Drainage Ditches	840	P
714	Scott AFB	IL	Remediate Mold & Reconfigure B1820	3,229	O
715	McConnell AFB	KS	Repair Roof Security Forces Bldg 1115	129	R
716	McConnell AFB	KS	Install Ground Source Heat Pumps 3 Facilities	172	E
717	McConnell AFB	KS	Replace Hanger Lighting Bldg/1176	183	E
718	McConnell AFB	KS	Repair Interior Trench Drain B/1166	323	U
719	McConnell AFB	KS	Repair Boiler Hangar 1106	377	E
720	McConnell AFB	KS	Alter Bldg 1127 for Soar	753	O
721	McConnell AFB	KS	Repair Building 1094	1,937	O
722	McConnell AFB	KS	Repair Dormitory Bldg 350	3,767	B
723	Barksdale AFB	LA	Repair Running Track Lights With Led	34	E
724	Barksdale AFB	LA	Repair Inefficient Dorm Vanity Lights	53	E
725	Barksdale AFB	LA	Repair Inefficient Boiler, Hangar 1 (B6604)	58	E
726	Barksdale AFB	LA	Repair Inefficient HVAC & Water Components	79	E
727	Barksdale AFB	LA	Repair Insulation on HVAC Water Lines	106	E
728	Barksdale AFB	LA	Repair Exterior Lighting With Led	116	E
729	Barksdale AFB	LA	Repair 340 Wps HVAC, B5376	159	E
730	Barksdale AFB	LA	Repair Hangar Heating With Infrared	243	E
731	Barksdale AFB	LA	Repair Aircraft Hangars Inefficient Lighting	291	E

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732	Barksdale AFB	LA	Repair HVAC Direct Digital Control (Dcc) Systems, Ph4 (At/Fp)	317	E
733	Barksdale AFB	LA	Replace A/C Units, Avionics Shop, B6614	317	E
734	Barksdale AFB	LA	Repair Airfield Joint Seals	634	P
735	Barksdale AFB	LA	Repair Commercial Bldg Inefficient Lighting	634	E
736	Barksdale AFB	LA	Repair Ahu's, Sato (B4161)	978	E
737	Barksdale AFB	LA	Repair Airfield Pavement, Ph 2	1,057	P
738	Barksdale AFB	LA	Repair Ci Water Mains -Flightline	1,110	E
739	Barksdale AFB	LA	Repair HVAC System, 2 Operations Group (B5341)	1,797	E
740	Barksdale AFB	LA	Repair Ahu's, 8th Af Annex (B5576)	1,850	E
741	Barksdale AFB	LA	Repair Airfield Pavement, Ph 1	2,114	P
742	Barksdale AFB	LA	Repair 49th Tes Parking Lot to Expand Aoc (B6413)	3,805	P
743	Hanscom AFB	MA	Paving IDIQ - Pave Pkg Area Bldg 1851 Readiness Facility	45	P
744	Hanscom AFB	MA	Paving IDIQ - Bestic - Barksdale to Shilling	135	P
745	Hanscom AFB	MA	Paving IDIQ - Repair Drive Bldg B1630 Acquisition Facility	150	P
746	Hanscom AFB	MA	Paving IDIQ - Repair Drainage at Pkg B1520 Acquisition Facility	170	P
747	Hanscom AFB	MA	Paving IDIQ - Repair Dorm Parking Lot	172	P
748	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1813 Civil Engineering	183	P
749	Hanscom AFB	MA	Paving IDIQ - Repair Griffiss Street	199	P
750	Hanscom AFB	MA	Paving IDIQ - Repair Vehicle Storage Lot	209	P
751	Hanscom AFB	MA	Paving IDIQ - Repair Eglin St By B1900 Clinic	215	P
752	Hanscom AFB	MA	Repair Skylight Main Entry Bldg 1305 - Wing HQ	247	R
753	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1646 Communication Facility	248	P
754	Hanscom AFB	MA	Paving IDIQ - Repair Pkg & Drive B1201 Heat Facility	260	P
755	Hanscom AFB	MA	Paving IDIQ - Bestic - Mit Pkg Lot to Tinker Loop	260	P

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756	Hanscom AFB	MA	Repair Roof Bldg 1102d Research Lab Logistics-Mobility	269	R
757	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot @ Eglin & Arnold	312	P
758	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1606 HQ Elec Syst Ctr	312	P
759	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1609 Medical Facility	316	P
760	Hanscom AFB	MA	Paving IDIQ - Swift Inn Parking Lot	367	P
761	Hanscom AFB	MA	Paving IDIQ - Repair Back Parking Lot Bldg 1642 Motor Pool	408	P
762	Hanscom AFB	MA	Repair Roof Bldg 1302d Research Facility for Lincoln Labs	430	R
763	Hanscom AFB	MA	Repair Heating Piping Bldg 1520 Acquisition Facility	488	E
764	Hanscom AFB	MA	Repair Roof Bldg 1128 Research Lab Research Labs	489	R
765	Hanscom AFB	MA	Repair Roof Bldg Hangar 1722	494	R
766	Hanscom AFB	MA	Paving IDIQ - Repair Secondary Pkg Lot B1900 Clinic	494	P
767	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1103 Af Research Lab Library	571	P
768	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1305 Wing HQ	582	P
769	Hanscom AFB	MA	Repair Steam & Condensate Lines Grenier St Jb25 to Jb5	583	E
770	Hanscom AFB	MA	Repair Steam & Condensate Lines Along Grenier St Jb5 to Jb4	638	E
771	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1240 Airmen Readiness Ctr	720	P
772	Hanscom AFB	MA	Repair Steam & Condensate Lines Chennault St Jb16 to Jb14	728	E
773	Hanscom AFB	MA	Repair Steam & Condensate Lines Along Grenier St Jb4 to Jb2	731	E
774	Hanscom AFB	MA	Repair Steam & Condensate Lines Chennault St Jb14 to Jb13	740	E

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775	Hanscom AFB	MA	Paving IDIQ - Repair Road & Pkg at Bldg 1725 Security Forces	762	P
776	Hanscom AFB	MA	Paving IDIQ - Repair Grenier & Dow Streets	785	P
777	Hanscom AFB	MA	Repair Steam & Condensate Lines Chennault St B1614 to B1725	793	E
778	Hanscom AFB	MA	Paving IDIQ - Repair Pkg Lot Bldg 1521 Acquisition Facility	844	P
779	Hanscom AFB	MA	Repair Steam & Condensate Lines Chennault St Jb13 to Jb32	901	E
780	Hanscom AFB	MA	Repair Steam & Condensate Lines Along Grenier St Jb3-B1503	996	E
781	Hanscom AFB	MA	Repair Roof Bldg 1436 Jag	1,065	R
782	Hanscom AFB	MA	Repair Steam & Condensate Lines Kirtland St Jb28 to B1425	1,144	E
783	Hanscom AFB	MA	Repair Steam & Condensate Lines Kirtland St Jb27 to Jb28	1,349	E
784	Andrews AFB	MD	Construct Security Containment Area Rm26 Bldg 1558	10	O
785	Andrews AFB	MD	Repair Outside Walls of Fitness Center, Bldg 1444	10	O
786	Andrews AFB	MD	Repair/Replace Roof on Hangar 3 Bldg 1754	10	R
787	Andrews AFB	MD	Repair Latrine Hangar 19 Bldg 5016	15	O
788	Andrews AFB	MD	Test/Calibrate HVAC In 459th Aeromedical Facility Bldg	31	E
789	Andrews AFB	MD	Repair/Replace Roof on Home Traditions Bldg 1683	40	R
790	Andrews AFB	MD	Repair Restrooms/Locker Rooms, 316 Operational Support Squadron Bldg	46	Q
791	Andrews AFB	MD	Construct/Install Communication Wiring-Readiness Bldg	46	O
792	Andrews AFB	MD	Repair Large Cracks on Asphalt Shoulders Txwy C/E	46	P
793	Andrews AFB	MD	Repair/Replace Roof on Bldg 1889	46	R
794	Andrews AFB	MD	Construct Fire Detection Under Flr-Inst Gen-Osd Bldg 1223	51	O
795	Andrews AFB	MD	Repair Asphalt on Nav-Aids Road Taxiway Sierra South	54	P
796	Andrews AFB	MD	Replace All Exterior Windows	61	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
797	Andrews AFB	MD	Remove Hazardous Material on Ceiling Bldg 5023	75	O
798	Andrews AFB	MD	Repair/Replace Roof on East Side Chapel Bldg 3715	75	R
799	Andrews AFB	MD	Mill-Overlay-Restripe Parking Lot, Bldg 1845	76	P
800	Andrews AFB	MD	Repair Armory to AF Security Standards In Bldg 1845	76	O
801	Andrews AFB	MD	Repair/Renovate Cd Hallway Bldg 1535	76	O
802	Andrews AFB	MD	Repair/Replace Roof on Base Supply Bldg 3066	79	R
803	Andrews AFB	MD	Repair Parking Lot for Dorm on Colorado Ave	99	P
804	Andrews AFB	MD	Mill-Overlay G Street (Arnold to Brookley)	101	P
805	Andrews AFB	MD	Repair/Renovate Interior/Exterior of SFS HQ Bldg 1845	101	O
806	Andrews AFB	MD	Install Storage Shelter for Air Refueling Wing	101	O
807	Andrews AFB	MD	Repair Roof Insulation Bldg 3066	101	R
808	Andrews AFB	MD	Replace Shingles and Plywood on Shop Roof 3382	101	R
809	Andrews AFB	MD	Repair/Replace Roof on Hangar 5 Bldg 1714	109	R
810	Andrews AFB	MD	Install Auto Sprinkler Sys Below Mezzanine Bldg 5026	117	O
811	Andrews AFB	MD	Construct Lights Near Hangar 19	152	O
812	Andrews AFB	MD	Construct/ Install Modular Office Bldg 1558 HVAC	172	O
813	Andrews AFB	MD	Repair/Replace Roof on Hangar 2 Bldg 1794	174	R
814	Andrews AFB	MD	Repair/Replace Roof on Bldg 1568	192	R
815	Andrews AFB	MD	Repair Tennessee Avenue and Parking Lot Near Bldg 3448	198	P
816	Andrews AFB	MD	Construct/Install Pressure Relief Valves 459th Hangars	204	O
817	Andrews AFB	MD	Repair Tennessee Ave From Tampa St South to Bldg 3298	237	P
818	Andrews AFB	MD	Repair/Replace Roof on West Gym Bldg 1444	297	R
819	Andrews AFB	MD	Repair/Remove/Mod Utilities Along Apron/Taxiway Edges	304	O
820	Andrews AFB	MD	Construct Flag Area at Main Gate	304	O
821	Andrews AFB	MD	Repair/Upgrade All Restrooms In Comm HQ Bldg 1558	304	Q
822	Andrews AFB	MD	Repair/Reconfigure to Conference Rm In Dwing Bldg 1602	355	O

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823	Andrews AFB	MD	Repair and Upgrade Command Center Hangar 1 Bldg 1914	355	O
824	Andrews AFB	MD	Repair Road for Fire Training Pit and Navy Trim Pad	357	P
825	Andrews AFB	MD	Repair/Replace 2 650kw Generators at Davidsonville Building 2	375	O
826	Andrews AFB	MD	Repair/Replace Generators at Bldg 1752/1811/3056/3465/4972	400	O
827	Andrews AFB	MD	Repair/Renovate Chapel 2 Basement Bldg 3715	507	Q
828	Andrews AFB	MD	Construct Addition to Utility Shop Bldg 3447	507	O
829	Andrews AFB	MD	Repair/Replace Generators at Bldgs 1245/1281/1287/1288/1535/3007/3034	507	O
830	Andrews AFB	MD	Repair/Replace Roof on Hangar 1 Bldg 1914	563	R
831	Andrews AFB	MD	EMSC Modernization, Multi Facilities	608	O
832	Andrews AFB	MD	Replace Entire Roof to Horizontal Shop Bldg 5026	811	R
833	Andrews AFB	MD	Repair Airfield Signage	2,149	O
834	Andrews AFB	MD	Repair/Correct Interior Deluge System In Hangar 7 Bldg 1280	3,725	O
835	Whiteman AFB	MO	Repair HVAC, Lo Restoration Fac (B 5205/5206)	137	E
836	Whiteman AFB	MO	Repair Water Conditioning-Heat Plant (B140)	185	E
837	Whiteman AFB	MO	Repair Hot Water: Acft Cor Con B27- Nrg	216	E
838	Whiteman AFB	MO	Repair Low Roof, B-2 Docks 3, 5, 7 (Multi)	223	R
839	Whiteman AFB	MO	Repair Roof, B-2 Dock 11 (B 5062)	234	R
840	Whiteman AFB	MO	Repair Roof, B-2 Dock 10 (B 5061)	234	R
841	Whiteman AFB	MO	Repair Roof, B-2 Dock 12 (B 5063)	234	R
842	Whiteman AFB	MO	Repair Roof, Hangar 91	249	R
843	Whiteman AFB	MO	Repair Roof: Mid Section- Base Whse Bldg 115	275	R
844	Whiteman AFB	MO	Repair Roof, Hangar 27	423	R
845	Whiteman AFB	MO	Const Radiant Heat, Multi Bldgs 121, 154, 159, 169, 709, 1706	423	E
846	Whiteman AFB	MO	Repair Inefficient Ventilation Controls, 105 Facs	486	E
847	Whiteman AFB	MO	Repair Flightline Road: A-10 Ramp Ph 1	517	P



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848	Whiteman AFB	MO	Repair Asphalt, Overrun: Runways 01, 19	613	P
849	Whiteman AFB	MO	Repair Occupancy Sensors Multi Fac	1,121	E
850	Whiteman AFB	MO	Repair Door Seals at 23 Maint Docks - Nrg	1,126	E
851	Whiteman AFB	MO	Repair Inefficient HVAC and Controls In 13 Facilities	1,158	E
852	Whiteman AFB	MO	Repair Boiler Controls: Central Heat Plant B 140	1,533	E
853	Whiteman AFB	MO	Repair HVAC Controls- 30 Flightline Bldgs	1,915	E
854	Whiteman AFB	MO	Repair Inefficient HVAC and Controls: 5 Facs	2,714	E
855	Whiteman AFB	MO	Repair Inefficient HVAC In 4 Facilities (Eip)	3,814	E
856	Columbus AFB	MS	Repair Overhead Utilities with Underground Laterals, Zone C2	5,101	E
857	Columbus Auxiliary Airfield	MS	Repair Fire Crash Rescue Station, Auxiliary Airfield	1,063	O
858	Keesler AFB	MS	Repair Air Handler Communications Facility	434	E
859	Keesler AFB	MS	Repair Chiller Locker House Administrative Facility	437	E
860	Silver Lake Space Surveillance Station	MS	Repair Operations Building	517	O
861	Malmstrom AFB	MT	Repair Launch Facility Electrical Grounds	162	E
862	Malmstrom AFB	MT	Repair Launch Facility Surface Drainage	162	O
863	Malmstrom AFB	MT	Repair Weapons Storage Area Exterior Walls	181	O
864	Malmstrom AFB	MT	Repair Fences	215	O
865	Malmstrom AFB	MT	Maintain Erosion & Drainage, Missile Alert Fac	215	P
866	Malmstrom AFB	MT	Repair Berm, Muns Stor B1893	237	O
867	Malmstrom AFB	MT	Repair Missile Alert Fac Garage Doors	242	O
868	Malmstrom AFB	MT	Maintain Roofing, Multi Locations	538	R
869	Malmstrom AFB	MT	Maintain Base Roads and Pavements	614	P
870	Malmstrom AFB	MT	Repair Missile Alert Facility Asphalt	646	P
871	Malmstrom AFB	MT	Repair Te Parking Area	754	P
872	Malmstrom AFB	MT	Repair/Upgrade Wing I Missile Alert Facility, Disel Electrical Units	808	E
873	Malmstrom AFB	MT	Repair Launch Control Fac Emergency Shutoff Valve	808	O
874	Malmstrom AFB	MT	Repair Electrical Service, 30 Wing 1 Launch Facilitys	861	E
875	Malmstrom AFB	MT	Repair High Temp Hot Water Service Lines	1,023	E
876	Malmstrom AFB	MT	Repair High Temp Hot Water Distribution Lines	1,292	E

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877	Malmstrom AFB	MT	Repair HVAC Controls, Wg HQ	1,292	E
878	Malmstrom AFB	MT	Repair Substation Breakers	1,454	E
879	Malmstrom AFB	MT	Repair Bldg 400, Base Supply	1,938	O
880	Malmstrom AFB	MT	Repair Missile Alert Facility Kitchens, Bathrooms and Exteriors	3,015	Q
881	Malmstrom AFB	MT	Rpair Dormitory 768	3,123	B
882	Pope AFB	NC	Repair Storm Water Manhole Adjacent to Atlas St	54	U
883	Pope AFB	NC	Repair Roof, Admin B162	90	R
884	Pope AFB	NC	Reseal Foundation Walls B737, B342, B308	161	O
885	Pope AFB	NC	Relocate Gen and Localizer Sheds, R/W 05 Clear Zone	323	E
886	Pope AFB	NC	Repair/Upgrade Gate 6, Blue Ramp	753	O
887	Pope AFB	NC	Repair/Upgrade Gate 18, Yellow Ramp	753	O
888	Pope AFB	NC	Repair Exterior Cac B-289	1,784	O
889	Pope AFB	NC	Repair MSG HQs Parking	2,029	O
890	Seymour Johnson AFB	NC	Install Hangar Door Seals	223	E
891	Seymour Johnson AFB	NC	Repair Drainage 26 Clear Zone	264	P
892	Seymour Johnson AFB	NC	Install Demand Ventilation Controls	329	E
893	Seymour Johnson AFB	NC	Repair HVAC, Elec, & Energy Deficiencies Comm Ctr, B1600	356	E
894	Seymour Johnson AFB	NC	Repair HVAC, Maint Docks, Bldgs 4909/4828	613	E
895	Seymour Johnson AFB	NC	Repair Electrical Distribution, Ph V	846	E
896	Seymour Johnson AFB	NC	Repair Electrical Distribution, Ph Vi	846	E
897	Seymour Johnson AFB	NC	Repair Electrical Distribution System	872	E
898	Seymour Johnson AFB	NC	Repair/Replace Inefficient Lighting Systems	914	E
899	Seymour Johnson AFB	NC	Repair HVAC Systems, Bldgs 3500/4517	951	E
900	Seymour Johnson AFB	NC	Repair Roofs With Standing Seam Multi Buildings	1,163	R
901	Seymour Johnson AFB	NC	Repair Taxiway A Pavement Phase 4	1,585	P
902	Seymour Johnson AFB	NC	Repair Warm-Up Apron, Taxiway G	1,850	P
903	Seymour Johnson AFB	NC	Repair Runway/Twy Slabs, Poly Panels, Spalls, and Joints	2,008	P
904	Seymour Johnson AFB	NC	Repair Runway Pavements, 08 Keel	3,171	P

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905	Cavalier AS	ND	Utility Metering System A	92	E
906	Grand Forks AFB	ND	Repair Thermostats-Dorms 213/217/219/222 (S/R)	54	E
907	Grand Forks AFB	ND	Repair HVAC Engineering Flight (R/M)	70	E
908	Grand Forks AFB	ND	Repair Fitness Center Bldg 308 Showers	81	O
909	Grand Forks AFB	ND	Esohc-Repair Small Arms Range Ventilation (R/M)	108	E
910	Grand Forks AFB	ND	Repair HVAC/Insulation Main Gate Check Bldg 144	161	E
911	Grand Forks AFB	ND	Locate Natural Gas Distribution-Base (S/M)	258	E
912	Grand Forks AFB	ND	Inst HVAC Fitness Center Gyms 1 and 2	417	E
913	Grand Forks AFB	ND	Crack Seal Runway (S/M)	484	P
914	Grand Forks AFB	ND	Repair HVAC Fitness Center Gyms 1 and 2	538	E
915	Grand Forks AFB	ND	Repair Various Airfield Pavements (S/R)	1,076	P
916	Grand Forks AFB	ND	Repair Electric Lines-Base Supply to Ce Complex (R/M)	1,614	E
917	Grand Forks AFB	ND	Repair Electric Lines-Flight Line North (R/M)	2,605	E
918	Minot AFB	ND	Repair Roof Dining Hall - Bldg 213	16	R
919	Minot AFB	ND	Repair Wash Bay Bldg 543	17	O
920	Minot AFB	ND	Launch Facility Fence Repair	54	O
921	Minot AFB	ND	Repair Missile Alert Fac Utility Closets	302	Q
922	Minot AFB	ND	Repair Roof Civil Engineering SeLaunch Facility Help, Bldg 521	370	R
923	Minot AFB	ND	Repair Missile Alert Fac Front Entry	388	Q
924	Minot AFB	ND	Repair HVAC System Dining Hall	423	E
925	Minot AFB	ND	Repair Cathodic Protection System	431	E
926	Minot AFB	ND	Repair Roof 5 Cs - Bldg 870	634	R
927	Minot AFB	ND	Repair Cathodic Protection System	646	E
928	Minot AFB	ND	Repair Electrical Feeder-Dorms	1,163	E
929	Minot AFB	ND	Repair HVAC Bldg 445-Ce (Gshp)	1,374	E
930	Minot AFB	ND	Repair A/C Bldg 475 - Pride (Gshp)	1,417	E
931	Minot AFB	ND	Repair Skid Row Pavements	1,585	P
932	Minot AFB	ND	Repair HVAC Bldg 547 (Gshp)	1,744	E
933	Minot AFB	ND	Repair Runway Asphalt - 29 End	2,537	P

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934	Minot AFB	ND	Repair Runway Asphalt - 11 End	2,537	P
935	Offutt AFB	NE	Repair Electrical/Vent Patriot Fac, B462	370	E
936	Offutt AFB	NE	Repair Gas Lines & Valves, Basewide	661	E
937	Offutt AFB	NE	Repair Gas Lines & Valves, Basewide	713	E
938	Offutt AFB	NE	Repair Generator Lighting Vault (336)	713	E
939	Offutt AFB	NE	Repair Txy Lights A & B	846	E
940	Offutt AFB	NE	Repair H-Wing Elec, Lemay Fac	1,163	E
941	Offutt AFB	NE	Repair Water Mains & Valves, Area 1	1,797	E
942	Offutt AFB	NE	Repair Ahu 1096c E-Wing, Strat (500)	1,850	E
943	Offutt AFB	NE	Repair Air Circulation Hi-Bay Fac	2,203	E
944	Offutt AFB	NE	Repair G-Wing Vav Strat	2,431	E
945	Offutt AFB	NE	Repair J-Wing Elec, Strat	2,748	O
946	Offutt AFB	NE	Repair Roof Stratcom	2,907	R
947	New Boston Air Force Station	NH	Install Septic Systems, Multiple Locations	43	E
948	New Boston Air Force Station	NH	Replace Power Meters	49	E
949	New Boston Air Force Station	NH	Replace Windows Admin B120	53	E
950	New Boston Air Force Station	NH	Repair Cross Connection of Fire Pumps B135	94	E
951	New Boston Air Force Station	NH	Renovate Restrooms	108	Q
952	New Boston Air Force Station	NH	Replace Pol System	145	E
953	New Boston Air Force Station	NH	EC - Repair, Secondary Containment, AST	199	E
954	New Boston Air Force Station	NH	Replace Power Plant Switch Gear Ph 2	280	E
955	New Boston Air Force Station	NH	Construct Water Filtration System	323	E
956	New Boston Air Force Station	NH	Repair Culverts	538	U
957	New Boston Air Force Station	NH	Construct Security Forces Facility	748	O
958	McGuire AFB	NJ	Repair Fire Detection Systems, Multiple Facilities.	54	O
959	McGuire AFB	NJ	Relocate Smoke / Fire Detectors, VQ 2784 R/M	94	O
960	McGuire AFB	NJ	Repair Bldg 2901 for Air Base Wing Occupancy Rm	97	O
961	McGuire AFB	NJ	Repair Airfield Alpha Ramp Shoulders S/R	127	P
962	McGuire AFB	NJ	Antiterrorism - Repair Base Entry Road, E Arnold Gate	538	P
963	McGuire AFB	NJ	Addition to 4631 Vehicle Maintenance Facility, B1750 R/M	743	O

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964	McGuire AFB	NJ	Repair Vehicle Maintenance, B3001	870	O
965	McGuire AFB	NJ	Repair Roof, Disaster Preparedness Facility B1821	960	R
966	McGuire AFB	NJ	Repair Back Forty Bridges R/M	1,292	O
967	McGuire AFB	NJ	Repair Airfield Concrete Main Ramp Twy Papa to Fox	1,472	P
968	Boles Wells Water System Annex	NM	Repair Water Main (Prather)	1,903	E
969	Cannon AFB	NM	Repair Roof Child Development Center, B76	162	Q
970	Cannon AFB	NM	Construct Pe Line Sewage, Hgr Row to Wwtp	216	E
971	Cannon AFB	NM	Maintain HVAC System, Admin B186 & 785	291	E
972	Cannon AFB	NM	Repair Roof Temporary Living Facility, B1818	350	R
973	Cannon AFB	NM	Construct Lift Station & Grinder, Hgr Row	431	E
974	Cannon AFB	NM	Repair Water Line, Muns to Hush House	755	E
975	Cannon AFB	NM	Construct Natural Gas, Fence to Maint Hgr	748	E
976	Cannon AFB	NM	Construct Fire Hydrants, Hgr Row	748	E
977	Cannon AFB	NM	Repair/Alter B199, Bead Blasting Room	776	O
978	Cannon AFB	NM	Repair/Construct Security Fence, Flightline	776	O
979	Cannon AFB	NM	Repair/Bury Oh Elec, Btw D.L.Ingram & Torch & Arcadia	1,186	E
980	Cannon AFB	NM	Repair Mini Sub Station, Munitions Area	1,940	E
981	Cannon AFB	NM	Repair Ug Elec, Muns Substation to Hush House	2,156	E
982	Cannon AFB	NM	Repair/Bury Oh Elec, P&E and Fuels Area	2,264	E
983	Holloman AFB	NM	Repair North to Main Backup Feed	127	E
984	Holloman AFB	NM	Const Pavement, North Ramp	603	P
985	Holloman AFB	NM	Repair Atlas Substation	1,163	E
986	Holloman AFB	NM	Repair Cast Iron Pipe Main Base	1,268	E
987	Holloman AFB	NM	Repair Pavement, North Ramp	2,039	P
988	Holloman AFB	NM	Repair Hangarette, B21808	3,699	O
989	Holloman AFB	NM	Repair Hangarette, B21812	3,699	O
990	Holloman AFB	NM	Repair Hangarette, B21810	3,699	O
991	Holloman AFB	NM	Repair Concrete Slabs, Twy F	4,756	P
992	Kirtland AFB	NM	Repair Roof, Bldg 20345-Transportation	6	R
993	Kirtland AFB	NM	Repair Roof, Bldg 20168, Vet Clinic	38	R

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994	Kirtland AFB	NM	Repair Roof, Htg Facility Bldg 910	48	R
995	Kirtland AFB	NM	Repair Parking Lot Paving, 4th and F Ave	54	P
996	Kirtland AFB	NM	Repair Research Lab Parking Lots, B412 & B413	77	P
997	Kirtland AFB	NM	Repair Compressed Air System, Research Hangar, B760	81	E
998	Kirtland AFB	NM	Repair Roof, Sc Lab, Bldg 622	94	R
999	Kirtland AFB	NM	Repair Maxwell to Gibson	102	P
1000	Kirtland AFB	NM	Repair Readiness Classroom Roof, Bldg 20682	107	R
1001	Kirtland AFB	NM	Repair Lrs Parking Lot, Bldg 20341	126	P
1002	Kirtland AFB	NM	Repair Roof, Bldg 66008, Be Maint Shop	145	R
1003	Kirtland AFB	NM	Repair Roof, Vehicle Maintenance Shop, Bldg 20348	172	R
1004	Kirtland AFB	NM	Install Solar Water Heater, Aquatic Trg Facility	215	E
1005	Kirtland AFB	NM	Repair Eastside Fitness Center Parking Lot	215	P
1006	Kirtland AFB	NM	Repair Westside Fitness Center Parking Lot	215	P
1007	Kirtland AFB	NM	Repair Roof, Bldg 956 Flight Trng/Classrm	226	R
1008	Kirtland AFB	NM	Repair Parking Lot, Bldg 20170	234	P
1009	Kirtland AFB	NM	Repair Damaged Vehicle Maintenance Roof, B20344	236	R
1010	Kirtland AFB	NM	Repair Eastside Fitness Center Parking Lot, B20228	240	P
1011	Kirtland AFB	NM	Eod Parking Lot Expansion, Bldg 20413	247	P
1012	Kirtland AFB	NM	Repair Fire Sprinkler System, Hgr 277, High Bay	263	O
1013	Kirtland AFB	NM	Repair Sor Road	290	P
1014	Kirtland AFB	NM	Repair Roof, Bldg 20344, Veh Maint Bldg	297	R
1015	Kirtland AFB	NM	Crack Seal & Seal Coat Pad 5 Taxiway	305	P
1016	Kirtland AFB	NM	Repair Pol Parking Lot, B-255	322	P
1017	Kirtland AFB	NM	Repair Ce Parking Lot-Phase 2	350	P
1018	Kirtland AFB	NM	Repair Roof, Bldg 613, Sc Physics Lab	355	R
1019	Kirtland AFB	NM	Repair Roof, Bldg 20414 Research Equip Storage	387	R
1020	Kirtland AFB	NM	Repair Roof, Bldg 20415 Hsg Sup & Storage Facility	387	R
1021	Kirtland AFB	NM	Repair Parking Lot, Dorm 425	387	P
1022	Kirtland AFB	NM	Repair Quad Parking Lot, Dorm 20351	387	P
1023	Kirtland AFB	NM	Repair Roof, Supply Storage, Bldg 20410	398	R

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1024	Kirtland AFB	NM	Pennsylvania-Ridgecrest to "G" (Resurface)	421	P
1025	Kirtland AFB	NM	Sustain Parking Lot Pavement, Dorm 20221	430	P
1026	Kirtland AFB	NM	Repair Roof,Administrative Office Building 926	430	R
1027	Kirtland AFB	NM	Crack Seal & Seal Coat Muns Haul Route	437	P
1028	Kirtland AFB	NM	Repair Roof, Bldg 20338 Veh Maint Shop	441	R
1029	Kirtland AFB	NM	Replace Chillers, Water Softner & Window Film, 5 Admin Bldgs	451	E
1030	Kirtland AFB	NM	Repair Admin Office Roof, Bldg 20320	462	R
1031	Kirtland AFB	NM	Install Solar Reflective Roofing, 3 Training & Research Bldg	505	E
1032	Kirtland AFB	NM	Repair Base Operations Roof, Bldg 333	519	R
1033	Kirtland AFB	NM	Pennsylvania to "G" St to Gibson	530	P
1034	Kirtland AFB	NM	Repair Southgate Rd	570	P
1035	Kirtland AFB	NM	Repair Vistor Quarters Access, Ne Corner of Kafb	640	P
1036	Kirtland AFB	NM	Repair Randolph-Flightline to Kirtland	683	P
1037	Kirtland AFB	NM	Construct Addition, Muns Vehicle Barn	690	O
1038	Kirtland AFB	NM	Repair Wyoming Phase 2	726	P
1039	Kirtland AFB	NM	Repair Parking Lot for HQ Bldg-20604, Phase 2	749	P
1040	Kirtland AFB	NM	Repair Randolph-Flightline to Kirtland	785	P
1041	Kirtland AFB	NM	Repair Heating, Ventilation, & Air Condition In 51 Buildings	849	E
1042	Kirtland AFB	NM	Repair Randolph/San Mateo Drainage Improvement/Flood Control	871	P
1043	Kirtland AFB	NM	Repair Randolph Phase 3	946	P
1044	Kirtland AFB	NM	Repair Aberdeen-San Mateo Road	977	P
1045	Kirtland AFB	NM	Repair Parking Lot, HQ Abw 20604-Phase I	1,064	P
1046	Kirtland AFB	NM	Repair Roof, Bldg 20602 Tech/Lab Shop	1,182	R
1047	Kirtland AFB	NM	Repair Isleta Rd	1,290	P
1048	Kirtland AFB	NM	Repair Buile Up Roof, Hangar 1002	1,397	R
1049	Kirtland AFB	NM	Repair Roof, Warehouse, Bldg 20170	1,505	R
1050	Kirtland AFB	NM	Repair Electrical Power System, Ph II, Admin B-20604	2,150	E

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1051	Nellis AFB	NV	Repair HVAC Multiple Facilities	117	E
1052	Nellis AFB	NV	Repair Water Main, Bldg 625	528	E
1053	Nellis AFB	NV	Repair H-Frame Xfmrs, Ncc Bldg 589	793	E
1054	Nellis AFB	NV	Repair Water Main, Tyndall Ave	4,175	E
1055	Nellis AFB	NV	Repair Airfield Lighting Circuit Cables	4,217	E
1056	Newport Test Annex No 2 Transmitter	NY	Repair Access Road, Newport Annex 2	451	P
1057	Newport Test Annex No 2 Transmitter	NY	Repair Irish Hill Rd	537	P
1058	Rome Laboratory	NY	Repair Roof Logistics Facility	387	R
1059	Rome Laboratory	NY	Repair Roof Logistics Facility	494	R
1060	Wright Patterson AFB	OH	Increase Substation E Lighting (E-3)	11	E
1061	Wright Patterson AFB	OH	Increase Substation F Lighting (E-3)	11	E
1062	Wright Patterson AFB	OH	Increase Substation B Lighting (E-3)	13	E
1063	Wright Patterson AFB	OH	Increase Substation A Lighting (E-3)	15	E
1064	Wright Patterson AFB	OH	Increase Substation D Lighting (E-3)	15	E
1065	Wright Patterson AFB	OH	Replace Roof - Electric Power Facility - Bldg 75 Area B	16	R
1066	Wright Patterson AFB	OH	Replace Roof - Utility Vault (F/20199)	17	R
1067	Wright Patterson AFB	OH	Replace Bus & Transf Diff Rlys Subs B & J	24	E
1068	Wright Patterson AFB	OH	Reconfigure Power System - Hangar Facil 30153	24	E
1069	Wright Patterson AFB	OH	Replaccc/Relocate Security Fence Huff Dam Radar Site	30	O
1070	Wright Patterson AFB	OH	Increase Substation C Lighting (E-3)	35	E
1071	Wright Patterson AFB	OH	Replace Switchgear Lodging Fac	39	E
1072	Wright Patterson AFB	OH	Replace Roof - Medical Center (F/20103)	41	R
1073	Wright Patterson AFB	OH	Replace Roof-Vehicle Refuel	42	R
1074	Wright Patterson AFB	OH	Recaulk Exterior Wall Expansion Joints (F/20651)	43	O
1075	Wright Patterson AFB	OH	Replace Roof - Research Lab Warehouse (F20198)	45	R
1076	Wright Patterson AFB	OH	Repair/Replaccc Apron - (Asphalt) (A-7)	52	P
1077	Wright Patterson AFB	OH	Replace Windows & Recaulk Expansion Joints - 652 Connector	53	O
1078	Wright Patterson AFB	OH	Replace Roof - Comm Facility (F/20047)	54	R
1079	Wright Patterson AFB	OH	Reloc Fence Eliminate Deer Hzrd - W.R./Bass Lake (As-1) Ph1	59	O



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1080	Wright Patterson AFB	OH	Repair/Rsfc North Pkg Lot - Afsac F/30209 (P-5)	62	P
1081	Wright Patterson AFB	OH	Recaulk Exterior Wall Expansion Joints (F/20653)	63	O
1082	Wright Patterson AFB	OH	Repair/RSFC Admin & Hangar Pkg Lot - Facil 20007 & 20009	64	P
1083	Wright Patterson AFB	OH	Construct Drop Arm-Gate 12a (20761)	64	O
1084	Wright Patterson AFB	OH	Replace Panels & Switchgear (Pdc-3 & Ldc-1)	72	E
1085	Wright Patterson AFB	OH	Repair/Replace Apron - (A-7)	74	P
1086	Wright Patterson AFB	OH	Resurface Fitness Test & Training Track - Kittyhawk Fitness Center (20601)	81	O
1087	Wright Patterson AFB	OH	Repair/Resurface Parking Lot - Billeting 10825 (P-7)	86	P
1088	Wright Patterson AFB	OH	Repair/Resurface Warner Robins	99	P
1089	Wright Patterson AFB	OH	Repair/Resurface Parking Lot - Billeting 10832-10836 (P-7)	101	P
1090	Wright Patterson AFB	OH	Repair/Resurface Oklahoma St - Area A (P-1)	105	P
1091	Wright Patterson AFB	OH	Instl Boiler for Child Development Ctr	107	E
1092	Wright Patterson AFB	OH	Mtn/Rsfc Pkg Lot - "E" St & Alley Near F/20005 (P-11 & 12)	112	P
1093	Wright Patterson AFB	OH	Repair/Rsfc Test Facility Pkg Lot - Bldg 71 Area B	124	P
1094	Wright Patterson AFB	OH	Repair Hangar Doors	129	O
1095	Wright Patterson AFB	OH	Repair Cracks In Tunnel Structure Bldg 14-15 - Ph 1	129	U
1096	Wright Patterson AFB	OH	Rebuild Manholes Basewide	135	U
1097	Wright Patterson AFB	OH	Repair/Rsfc Parking Lot - Bldg 145 Area B (P-17)	136	P
1098	Wright Patterson AFB	OH	Replace Elevator Bldg 15 Area B - Ada Compliance	137	O
1099	Wright Patterson AFB	OH	Replace Roof - Lab Facility Bldg 18f (F/21602)	140	R
1100	Wright Patterson AFB	OH	Repair/Rsfc Fab Shop/Storage Pkg Lot - Bldg 5 (P-11 & P-12)	149	P
1101	Wright Patterson AFB	OH	Repair/Rsfc Parking Lot - Bldg 167 Area B (P-8)	151	P
1102	Wright Patterson AFB	OH	Overlay Pkg Lot - Research Lab Admin F/20045 (P-20)	155	P
1103	Wright Patterson AFB	OH	Construct Protective Kiosk - Gate 1b (20739)	161	O
1104	Wright Patterson AFB	OH	Construct Protective Kiosk - Gate 12a (20737)	161	O
1105	Wright Patterson AFB	OH	Repair/RSFC 13th St (P-19)	169	P

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1106	Wright Patterson AFB	OH	Resurface Running Track - Kittyhawk	183	P
1107	Wright Patterson AFB	OH	Expand Pkg Lot 10826 - Billeting (P-7)	201	P
1108	Wright Patterson AFB	OH	Repair/Rsrfc Pkg Lot 10826 Billeting (P-7)	207	P
1109	Wright Patterson AFB	OH	Repair Spalling Ext Concrete - Historic Hangar (F/20006)	215	P
1110	Wright Patterson AFB	OH	Replace Roof - Asc Admin F/20046 (R-16)	215	R
1111	Wright Patterson AFB	OH	Replace Ceiling Insulation - Readiness Warehouse F/30257 (Ph 2)	220	E
1112	Wright Patterson AFB	OH	Replace Failed Steam Lines From S-68 to S-9 to 18e (Sd-1)	223	E
1113	Wright Patterson AFB	OH	Replace 15 Kv Switchgear	245	E
1114	Wright Patterson AFB	OH	Repair/Resurface Recycle Center Pavements	257	P
1115	Wright Patterson AFB	OH	Repair Shoulder Taxiway B & Seal Cracks Txwy D-Naoc (A-2 & 5)	269	P
1116	Wright Patterson AFB	OH	Replace Steam Line - Stm Pit S-90 to Bldg 29/Area B (Sd-2)	269	E
1117	Wright Patterson AFB	OH	Construct Canopy-Gate 1b (20740)	269	O
1118	Wright Patterson AFB	OH	Construct Canopy-Gate 12a (20735)	269	O
1119	Wright Patterson AFB	OH	Construct Traffic Containment - Gate 12a(20754)	269	O
1120	Wright Patterson AFB	OH	Replace Roof - Research Facil (R-2)	279	R
1121	Wright Patterson AFB	OH	Replace B32g/B61k X-Connect & Switch - Area B (E-6 & 10)	285	E
1122	Wright Patterson AFB	OH	Repair Airmen Dining Hall	304	Q
1123	Wright Patterson AFB	OH	Instl Cabling Flight Line Fence Near Gate 26c	316	O
1124	Wright Patterson AFB	OH	Construct Protective Kiosk - Gate 22b(20752)	322	O
1125	Wright Patterson AFB	OH	Repair Rsrc Roads Eighth St (L St to K St) (P-2)	334	P
1126	Wright Patterson AFB	OH	Repair/Rsrc Spalling East Ramp D, E, F, & G (A-1) (20400)	376	P
1127	Wright Patterson AFB	OH	Replace Roof Vehicle Repair Shop (R-7)	393	R
1128	Wright Patterson AFB	OH	Construct Traffic Containment - Gate 22b (20759)	430	O
1129	Wright Patterson AFB	OH	Replac Security Fence - Munitions Area	433	O

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1130	Wright Patterson AFB	OH	Construct Canopy-Gate 22b (20751)	484	O
1131	Wright Patterson AFB	OH	Repair Sloped Hangar Roof (R-4)	511	R
1132	Wright Patterson AFB	OH	Replace Steam Traps - Areas A/C	520	E
1133	Wright Patterson AFB	OH	Renovate for Explosive Ordinance Disposal (18932)	537	O
1134	Wright Patterson AFB	OH	Replace Failing Chiller - Basewide Telecomm Server	537	E
1135	Wright Patterson AFB	OH	Construct Traffic Containment - Gate 1b (20760)	537	O
1136	Wright Patterson AFB	OH	Replace Perimeter Fence - Gate 26c Sth Along St Rt 235	630	O
1137	Wright Patterson AFB	OH	Replace Perimeter Fence - Gate 26c Along E Bank of Mad River	644	O
1138	Wright Patterson AFB	OH	Replace Controls - Hthw Heating Plant W.R. (Hp-2)	669	E
1139	Wright Patterson AFB	OH	Antiterrorism Security Cabling/Anchors - Airfield North	777	O
1140	Wright Patterson AFB	OH	Repair/Install Security Cabling/Anchors - Airfield W	914	O
1141	Wright Patterson AFB	OH	Replace Roof - Warehouse (R-9)	967	R
1142	Wright Patterson AFB	OH	Repair/Install Security Cablight/Anchors-Area B Airfield	1,258	E
1143	Wright Patterson AFB	OH	Repair Lighting Systems for Energy Conservation - Basewide	1,454	E
1144	Wright Patterson AFB	OH	Antiterrorism Security Cabling/Anchors - Perimeter Fence St Rt 444	1,983	O
1145	Altus AFB	OK	Repair Sewers	797	E
1146	Altus AFB	OK	Route/Seal Joints Twy, Afld, and Rwy	957	P
1147	Tinker AFB	OK	Repair Cooking Hood Fire Safety Deficiency In Dining Hall	28	Q
1148	Tinker AFB	OK	Repair Cooking Hood Fire Safety Deficiency, Dining Facility	42	Q
1149	Tinker AFB	OK	Repair Roof Communications Maintenance Bldg 902	43	R
1150	Tinker AFB	OK	Repair Roof Communications Maintenance Bldg 903	43	R
1151	Tinker AFB	OK	Repair Roof Communications Maintenance Bldg 904	43	R
1152	Tinker AFB	OK	Repair Roof Communications Maintenance Bldg 905	43	R
1153	Tinker AFB	OK	Repair Roof Hill Conference Center Bldg 1093	79	R
1154	Tinker AFB	OK	Upgrade Fire Alarm System, B117 Fire Station 1	84	O

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1155	Tinker AFB	OK	Repair Widen Right Turn Lane- N Bound Air Depot & Arnold	85	P
1156	Tinker AFB	OK	Replace Roof B1066, Command Post	108	R
1157	Tinker AFB	OK	Maintain Parkling Lot; Bldg 400, CE HQ	112	P
1158	Tinker AFB	OK	Repair Terriorism Barrier Protection Security Police B1036	134	O
1159	Tinker AFB	OK	Repair Ext Roof/Wall Insulation & Replace Metal Siding	134	R
1160	Tinker AFB	OK	Enclose Wash Rack B1130	184	O
1161	Tinker AFB	OK	Repair Terriorism Barrier Protection Communication Bldg	186	O
1162	Tinker AFB	OK	Repair Dorm Bollards and Antiterrorism Planters	215	B
1163	Tinker AFB	OK	Construct Spill Containment at Aircraft Fuel Yard B290	235	O
1164	Tinker AFB	OK	Repair Base Chapel Roof - B5701	247	R
1165	Tinker AFB	OK	Repair Roof Awac Flight Training Bldg 284	256	R
1166	Tinker AFB	OK	Repair Concrete Around Drain on N. Side Echo Ramp	339	P
1167	Tinker AFB	OK	Repair/Replace Joint Seam Runway 17/35	384	P
1168	Tinker AFB	OK	Repair Ext Walls for Terriorism Protection Logistics Center	554	O
1169	Tinker AFB	OK	Repair Ext Dorm Walls for Anti-Terrorism Protection B5942	649	B
1170	Tinker AFB	OK	Repair Ext Dorm Walls for Anti-Terrorism Protection B5930	649	B
1171	Tinker AFB	OK	Repair Ext Dorm Walls for Anti-Terrorism Protection B5931	649	B
1172	Tinker AFB	OK	Repair/Construct Final Denial Barrier, Lancer Gate	1,344	O
1173	Tinker AFB	OK	Repair/Construct Final Denial Barrier Sys Tinker Gate	1,344	O
1174	Tinker AFB	OK	Repair/Construct Final Denial Barrier Sys Liberator Gate	1,505	O
1175	Tinker AFB	OK	Repair/Construct Final Denial Barrier Sys Vance Gate	1,505	O
1176	Tinker AFB	OK	Repair Refueler Parking Lot; By Bldg 250	1,792	P
1177	Tinker AFB	OK	Replace Roof B801, Warehouse	1,828	R
1178	Tinker AFB	OK	Repair HVAC Units Add Reheat B3, Admin Area	1,831	E

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1179	Tinker AFB	OK	Repair Roof & Gutters on Equipment Warehouse, Bldg	2,032	R
1180	Tinker AFB	OK	Repair East Jet Engine Power Check Pad, Facility 51170	2,314	P
1181	Tinker AFB	OK	Repair West Jet Engine Power Check Pad, Facility 51161	2,314	P
1182	Tinker AFB	OK	Sustain Munitions Road From Alert Rd. to 59th St.	2,382	P
1183	Tinker AFB	OK	Repair/Replace Asphalt Approach End, Runway 12	2,709	P
1184	Tinker AFB	OK	Sustain Repair Roof B2122, Corrosion Control	3,406	R
1185	Tinker AFB	OK	Sustain Replace HVAC & Util Infrastructure Maint Hangar B230	5,052	E
1186	Tinker AFB	OK	Repair Taxiway GoLaunch Facility Between E and F	5,372	P
1187	Tinker Support Annex	OK	Repair By Replacement Engine for Fire Pump	688	E
1188	Tinker Support Annex	OK	Repair/Const Final Denial Barrier Sys Hope Gate	1,290	O
1189	Vance AFB	OK	Repair Taxiway C - Section T17a	2,959	P
1190	Charleston AFB	SC	Replace Generator, Fire Station - B20	19	E
1191	Charleston AFB	SC	Replace Generator - Phone Switch Facility - B129	24	E
1192	Charleston AFB	SC	Replace Generator - Ncc Facility - B501	34	E
1193	Charleston AFB	SC	Const Imc Fence - B570/B705 Area	135	O
1194	Charleston AFB	SC	Repair Roofs Basewide	145	R
1195	Charleston AFB	SC	Install Security Gates - Aps Area	185	O
1196	Charleston AFB	SC	Repair Base Pavements	271	P
1197	Charleston AFB	SC	Phone Switch-F/P Improvements (B129)	301	O
1198	Charleston AFB	SC	Repair Base Stormwater Drainage System	323	U
1199	Charleston AFB	SC	Repair Base Water System	334	E
1200	Charleston AFB	SC	Replace TLaunch Facility HVAC System - Bldg 330	431	E
1201	Charleston AFB	SC	Repair NAAF Entry Control Point	431	O
1202	Charleston AFB	SC	Repair Vehicle Maintenance Pavements - B407 Area	533	P
1203	Charleston AFB	SC	Repair Fire Alarm Systems - Multiple Facilities	538	O
1204	Charleston AFB	SC	Repair/Add Consolidated Parking - 200 Area	861	P
1205	Charleston AFB	SC	Repair HVAC Systems	949	E
1206	Charleston AFB	SC	Repair Naaf Security Fencing	2,045	O

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1207	Shaw AFB	SC	Inst Hangar Door Seals B1200	92	E
1208	Shaw AFB	SC	Repair Main Gate Antiterrorism	370	O
1209	Shaw AFB	SC	Repair Fire Deluge Pumps B1208/1616	424	E
1210	Shaw AFB	SC	Repair HVAC Admin Area B1842	449	E
1211	Shaw AFB	SC	Repair HVAC Admin Area B1517	491	E
1212	Shaw AFB	SC	Constr Roads Main Gate	491	P
1213	Shaw AFB	SC	Repair Concrete/Sealer Lox Storage B1714/15	497	P
1214	Shaw AFB	SC	Inst Occupancy Sensors	528	E
1215	Shaw AFB	SC	Repair HVAC Command Post B1122	898	E
1216	Shaw AFB	SC	Repair Slabs North Ramp	2,008	P
1217	Shaw AFB	SC	Repair Electrical Distribution System - Fltline South (Aori)	3,277	E
1218	Ellsworth AFB	SD	Repair Water Line - Under I-90 (E12799)	106	E
1219	Ellsworth AFB	SD	Repair Hangar Door Seals (B7230 & 7232)	197	E
1220	Ellsworth AFB	SD	Repair Roof - Munitions Armament (B88240)	238	R
1221	Ellsworth AFB	SD	Repair Demand Ventilation Controls	268	E
1222	Ellsworth AFB	SD	Repair Sanitary Sewer - North Bergstrom (E12802)	344	E
1223	Ellsworth AFB	SD	Repair Hangar Door Seals - Pride Hanger (B7504)	447	E
1224	Ellsworth AFB	SD	Repair Pavement - North Ramp Parking/Shoulders (70 Row)	528	P
1225	Ellsworth AFB	SD	Repair Paint Booth, Dock 92 (B7234)	634	O
1226	Ellsworth AFB	SD	Repair Electric Distribution Line - South Clear Zone-B17861	740	E
1227	Ellsworth AFB	SD	Repair Occupancy Sensors Multi	845	E
1228	Ellsworth AFB	SD	Repair Water Line - Under I-90 (E12799)	898	E
1229	Ellsworth AFB	SD	Repair to Leed-28 HQ Operations Group (B7925 & B7918)	1,022	E
1230	Ellsworth AFB	SD	Repair to Leed-Transportation Complex (B101, B102, & B104)	1,059	E
1231	Ellsworth AFB	SD	Repair Concrete - 70 & 80 Rows	1,268	P
1232	Ellsworth AFB	SD	Repair HVAC and Motor Controls I	1,480	E

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1233	Ellsworth AFB	SD	Repair HVAC and Motor Controls II	1,480	E
1234	Ellsworth AFB	SD	Repair Inefficient Lighting Systems	1,845	E
1235	Arnold AFB	TN	Bridge Inspection for 7 Bridges at Aedc	21	P
1236	Arnold AFB	TN	Repair Rifle Range Road	67	P
1237	Arnold AFB	TN	Pave Side Road at Bulk Fuel Farm	118	P
1238	Arnold AFB	TN	Sustain Parking/ Drive Aerodynmc & Preplacesn T/U (Aptu), B579	140	P
1239	Arnold AFB	TN	Repair Old Brick Church Road	161	P
1240	Arnold AFB	TN	Pave Motor Pool Parking Lot	183	P
1241	Arnold AFB	TN	Maintain Parking Lots Basewide, Ph 1	188	P
1242	Arnold AFB	TN	Sustain Parking Lot Propulsion Eng T/C Sea Lvl (Sl)2/3, B541	234	P
1243	Arnold AFB	TN	Pave Roads/Parking Near J-6 Propulsion Engine T/C, B2124	408	P
1244	Arnold AFB	TN	Repair Parking Lot, Admin Office, B1103	485	P
1245	Arnold AFB	TN	Replace HVAC, A-Wing, 3rd Floor, HQ Bldg	487	E
1246	Arnold AFB	TN	Repair Steam Plant A	887	E
1247	Arnold AFB	TN	Repair Ventilation System, Chem Lab	1,702	E
1248	Arnold AFB	TN	Repair / Overlay Wattendorf Highway, Ph 2	2,687	P
1249	Air Force Center For Engineering and the Environment	TX	Audit and Inspect Above Ground Storage Tanks	1,500	O
1250	Air Force Center For Engineering and the Environment	TX	Audit and Inspect Above Ground Storage Tanks for AMC, AFDW, AFSOC, and USAFA	2,140	O
1251	Air Force Center For Engineering and the Environment	TX	Audit and Inspect Above Ground Storage Tanks for AFMC, AFRES, AFSPS, ANG and PACAF	8,430	O
1252	Dyess AFB	TX	Convert 8 TLaunch Facility Units to 4	97	Q
1253	Dyess AFB	TX	Install Daylighting Control System	151	E
1254	Dyess AFB	TX	Repair Hangar Doors, 5112	239	O
1255	Dyess AFB	TX	Repair Demand Ventilation Controls	423	E
1256	Dyess AFB	TX	Repair 6 Additional Lift Stations	439	E
1257	Dyess AFB	TX	Repair C-130 Apron Slabs	528	P

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1258	Dyess AFB	TX	Repair 19 Additional Airfield Slabs	567	P
1259	Dyess AFB	TX	Install Heat Destratification Fans	695	E
1260	Dyess AFB	TX	Repair Gas Mains Phase 4	921	E
1261	Dyess AFB	TX	Repair Runway Overruns 16 & 34	1,013	P
1262	Dyess AFB	TX	Repair Taxiway C & D Shoulders	1,116	P
1263	Dyess AFB	TX	Repair Taxiway A Slabs	1,585	P
1264	Dyess AFB	TX	Repair Billeting HVAC 7407 & 7409	1,691	E
1265	Dyess AFB	TX	Repair Electrical Distribution, Area C	1,903	E
1266	Dyess AFB	TX	Repair and Seal Aircraft Parking Apron Joints & Cracks	2,114	P
1267	Goodfellow AFB	TX	Paint Interior 144 Officer Dorm Rooms Bldg 700	123	B
1268	Goodfellow AFB	TX	Renovate Shower/Kitchens Dorm 700	284	B
1269	Goodfellow AFB	TX	Repair Bath Rms Doors & Jambs Bldg 3311	350	Q
1270	Goodfellow AFB	TX	Connect to Energy Management Control System, Transportation B 3453/3420	362	E
1271	Goodfellow AFB	TX	Convert 72 Rms to 36 Rms, Lodging B3311	363	Q
1272	Goodfellow AFB	TX	Replace Water Main Hydrants and Valvs N Ft Lancaster	375	E
1273	Goodfellow AFB	TX	Repair Apache Tarrace to Include Intersections	413	P
1274	Goodfellow AFB	TX	Repair Built Up Roof Training B 501 Incl Ext Lights	417	R
1275	Goodfellow AFB	TX	Repair Comanche Tarrace Phase 2	425	P
1276	Goodfellow AFB	TX	Kitchen/Shower Pans Billeting Bldg 711	468	Q
1277	Goodfellow AFB	TX	Inst 12" Sewer PVC From New Dorm to Canberra St	651	E
1278	Goodfellow AFB	TX	Antiterrorism, Relocate Parking Lot, Kearney Blvd	779	P
1279	Goodfellow AFB	TX	Repair Interior Dormitories 250 and 252 Phase 1	1,435	B
1280	Goodfellow AFB	TX	Repair Interior Dormitories 255 and 257 Phase 2	1,435	B
1281	Kelly Field Annex	TX	Mtn (Paint) Hush Hangar (B1147)	32	O
1282	Kelly Field Annex	TX	Mtn (Paint) Floors In Hangar (B935)	103	O
1283	Kelly Field Annex	TX	Repair Replace Roof Intel Ctr B2081	213	R
1284	Kelly Field Annex	TX	Repair Airfield Pavements Ph 2	2,444	P
1285	Lackland AFB	TX	Repair Dormitory Roof System (7460)	2	R
1286	Lackland AFB	TX	Paint Exterior Dormitory Bldg 10070	23	B



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1287	Lackland AFB	TX	Mnt (Paint) Interior of Fisher House III (B3865)	39	Q
1288	Lackland AFB	TX	Construct Intel Ctr Parking Lot Entrance, B 2081	48	P
1289	Lackland AFB	TX	Paint Exterior of Hangar (B935) and Operations (B934)	48	O
1290	Lackland AFB	TX	Paint Interior (1st Fl) Dormitory Bldg 10656	50	B
1291	Lackland AFB	TX	Paint Interior (2nd Fl) Dormitory Bldg 10656	50	B
1292	Lackland AFB	TX	Paint Interior (3rd Fl) Dormitory Bldg 10656	50	B
1293	Lackland AFB	TX	Paint Exterior of Dorms 1st Floor	67	B
1294	Lackland AFB	TX	Paint Interior Fitness Center and Playground Equip., B2418	90	O
1295	Lackland AFB	TX	Repair Roofs at Intel Ctr Bldgs 2060, 2059, and 1208	117	R
1296	Lackland AFB	TX	Paint Exterior Stairwells Dorms-B/10547 and B/10540 & B9410	120	B
1297	Lackland AFB	TX	Repair Road, Hughes to Haby's Rd	162	P
1298	Lackland AFB	TX	Paint Interior Recruit Dorm B 9110	170	B
1299	Lackland AFB	TX	Interior Building Painting Training Labs, B7364, 7366, 7368	214	O
1300	Lackland AFB	TX	Replace Roof Mini-Mall, B 10345	216	R
1301	Lackland AFB	TX	Idq-Repair Roof Dormitory B10800	223	R
1302	Lackland AFB	TX	Repair Barnes Road (Luke to SeLaunch Facilityridge)	298	P
1303	Lackland AFB	TX	Construct Bus Shelters - Main Base Nw	330	O
1304	Lackland AFB	TX	Seal Cracks and Repair Joints In Roads Basewide	319	P
1305	Lackland AFB	TX	Paint Exterior Dli Dorms	453	B
1306	Lackland AFB	TX	Repair Aircraft Washrack Apron (A20c), B 10792, Kelly Field Ann	468	P
1307	Lackland AFB	TX	Repair-Roof Temp Living Qtrs B3610/12/14/16/18	638	R
1308	Lackland AFB	TX	Repair/Const Dept of Homeland Security Training Lab	748	O
1309	Lackland AFB	TX	Repair/Replace Road @ M-16 Small Arms Ranges	776	P
1310	Lackland AFB	TX	Repair/Runway Rubber Removal	786	P
1311	Lackland AFB	TX	Repair 433rd Airfield Apron	947	P
1312	Lackland AFB	TX	Repair-Reconstruct Luke Rd (Mil Hwy to Foster)	988	P
1313	Lackland AFB	TX	Repair Range Road	991	P

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1314	Lackland AFB	TX	Antiterrorism Repair Perimeter Fence at Main Base West (Jsiva)	1,488	O
1315	Lackland AFB	TX	Antiterrorism Repair Perimeter Fence at Security Hill (Jsiva)	1,488	O
1316	Lackland AFB	TX	Repair B7037 for Military Uniform Sales	1,562	Q
1317	Lackland AFB	TX	Antiterrorism Repair Perimeter Fence at Main Base East (Jsiva)	1,594	O
1318	Lackland AFB	TX	Repair Airfield Pavements Ph 1	2,444	P
1319	Lackland AFB	TX	Antiterrorism Repair Perimeter Fence at Lta (Jsiva)	3,530	O
1320	Lackland AFB	TX	Repair Water Main Line/Install Water Meters	4,953	E
1321	Lackland Training Annex	TX	Renovate Security Forces Building 187	43	O
1322	Lackland Training Annex	TX	Repair/Replace Fan Coil Units In Chapel, B 10338	133	E
1323	Lackland Training Annex	TX	Repair/Upgrade Fitness Test & Training Track - Medina (138)	345	P
1324	Lackland Training Annex	TX	Repair Patrol Rd, Ph1	595	P
1325	Laughlin AFB	TX	Repair Liberty Drive Arkansas to Mitchell Blvd. Ph 3 of 5	80	P
1326	Laughlin AFB	TX	Energy-Install Capacitor System for Power Factor Conversion	80	E
1327	Laughlin AFB	TX	Repair Military Working Dog Kennel Floor	106	O
1328	Laughlin AFB	TX	Repair Roof, Air Traffic Control Tower, B309	106	R
1329	Laughlin AFB	TX	Repair Liberty Drive Main Gate to Arkansas Ph 2 of 5	133	P
1330	Laughlin AFB	TX	Sr-Const Cover Over Parkng/Uoq - B	207	Q
1331	Laughlin AFB	TX	Sr-Const Cover Over Parkng/Uoq - A	209	Q
1332	Laughlin AFB	TX	Repair/Upgrade HVAC P2, Network Control Center, B241	266	E
1333	Laughlin AFB	TX	Repair Liberty Drive at Main Gate Ph 1 of 5	335	P
1334	Laughlin AFB	TX	IDIQ-Repair Aerospace Ground Equipmentairfield Parking	431	P
1335	Laughlin AFB	TX	Fol-Repair Sewage Treatment Lagoons	531	E
1336	Laughlin AFB	TX	Remove/Prevent Corrosion, Water Towers--B280,282	717	O

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1337	Laughlin AFB	TX	Repair Airfield Pavements, Maintenance Access Apron	2,178	P
1338	Randolph AFB	TX	Re-Lamp Admin Buildings 3, 241, 75, and 76	28	E
1339	Randolph AFB	TX	Afso21 Replace 19 Af (B661) to Chill Water System (B498)	213	E
1340	Randolph AFB	TX	Replace K Circuit Multi Admin Fac B860, B861, B862 Ph II	292	E
1341	Randolph AFB	TX	LED Airfield Lighting	292	E
1342	Randolph AFB	TX	Connect B 381 to Ac Plant (B395)	372	E
1343	Randolph AFB	TX	Replace Transformers and Switches B 738	414	E
1344	Randolph AFB	TX	Replace Roof Admin B241	531	R
1345	Randolph AFB	TX	Replace Main Gas Feeder Harmon Drive	531	E
1346	Randolph AFB	TX	Replace K Circuit Multi Admin Fac B860, B861, B862	584	E
1347	Randolph AFB	TX	Replace Aircraft Fire Fighting Foam Diesel Engines, B50	584	E
1348	Randolph AFB	TX	Roof Replace Roof Admin B745	691	R
1349	Randolph AFB	TX	Repair Pavement & Add Lane South Gate	744	P
1350	Randolph AFB	TX	Repair Roof Multi Basewide	846	R
1351	Randolph AFB	TX	Connect B100 to Chilled Water Plant B395	748	E
1352	Randolph AFB	TX	Repair Pavement J Street and 5th St	903	P
1353	Randolph AFB	TX	Repair/Replace Roof Admin B499	956	R
1354	Randolph AFB	TX	Repair Pavement H Street	1,700	P
1355	Randolph AFB	TX	Repair/Replace west Switching Stations	2,763	E
1356	Randolph AFB	TX	Repair/Replace East Switching Sta.	2,763	E
1357	Randolph AFB	TX	Repair/Maintain Base Chilled Water Loop	3,082	E
1358	Sheppard AFB	TX	Add to & Alter Munitions Admin Facility 2204	611	O
1359	Sheppard AFB	TX	Replace 12" Water Main, Bridwell to 80th St	640	E
1360	Sheppard AFB	TX	Extend Fire Protection Water Loop Combat Skills Training Area	755	E
1361	Sheppard AFB	TX	Repair Water Mains Ave J, Bridwell - 21st	872	E
1362	Sheppard AFB	TX	Repair to meet Codes, Fire Suppression Sys, Tech Training Blds 1040/1080/1090	1,090	O
1363	Sheppard AFB	TX	Replace Built-Up Roof, Bldg 239	1,103	R

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1364	Sheppard AFB	TX	Repair Sewage Systems Tech Trng Bldg 920	1,275	E
1365	Sheppard AFB	TX	Repair Tech Trng Hangar Doors - 1010/1060/1090	1,318	O
1366	Hill AFB	UT	Maintain Roof B-120 388 Fighter Wing HQ	2	R
1367	Hill AFB	UT	Construct Canopy Over Doorway, Aircraft Maint. Squadron B-58	11	Q
1368	Hill AFB	UT	Provide Handicap Access Basewide	38	Q
1369	Hill AFB	UT	Construct Womens Restroom, Aircraft Maint. Squadron, B-937	42	Q
1370	Hill AFB	UT	Repair Fire Alarm System, Aircraft Maint. Hangar, B-48	47	O
1371	Hill AFB	UT	Repair Roof, Aircraft Maintenance, Bldg 935	49	R
1372	Hill AFB	UT	Repair Roof, Fighter Squadron Offices, Bldg 5 Bay H	62	R
1373	Hill AFB	UT	Repair Fire Alarm System, Aircraft Hangar Offices, B-1a	64	O
1374	Hill AFB	UT	Repair Fire Alarm and Suppression System, Personnel, B-1244	78	O
1375	Hill AFB	UT	Repair Comm Squadron Computer Room B-01 B-849	83	O
1376	Hill AFB	UT	Maint Dormitory Paint (8 Bldgs)	107	B
1377	Hill AFB	UT	Repair Roof, Equipment Shed, Bldg 1415	113	R
1378	Hill AFB	UT	Repair New Jersey Road	119	P
1379	Hill AFB	UT	Repair Roof, Training Support Squadron, Bldg 1269	123	R
1380	Hill AFB	UT	Maint Runway, Remove Rubber	129	O
1381	Hill AFB	UT	Repair Roof, Fighter Squadron Offices, Bldg 5 Bay K	130	R
1382	Hill AFB	UT	Repair Interior, Squadron Operations, B-5 Bay H	140	O
1383	Hill AFB	UT	Repair Fire Protection System, Wing HQ, B-180	156	O
1384	Hill AFB	UT	Repair Roof, Airman Leadership School B-385	160	R
1385	Hill AFB	UT	Ecip: Install Ground Source Heat Pumps In Billeting Area	193	E
1386	Hill AFB	UT	Repair Failing Roofs B-30 Readiness	213	R
1387	Hill AFB	UT	Maint Base Road Pavement Markings	215	O
1388	Hill AFB	UT	Repair Dorm Restrooms, B-365	254	B
1389	Hill AFB	UT	Repair 388th and 419th Airfield Ramps	256	P

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1390	Hill AFB	UT	Repair Chapel Sanctuary B-475	269	Q
1391	Hill AFB	UT	Maint Airfield Joint/Seal	269	P
1392	Hill AFB	UT	Maint Airfield Pavement Marking	269	O
1393	Hill AFB	UT	Repair Mono Rack	413	O
1394	Hill AFB	UT	Repair Mens and Womens Locker Rooms, Base Gym, B-520	494	Q
1395	Hill AFB	UT	Repair Antiterrorism Fence, 388 FW Compound B-39	537	O
1396	Hill AFB	UT	Repair Dorm HVAC B-357/358	574	E
1397	Hill AFB	UT	Cnst Widen Shoulder Taxiway A	597	P
1398	Hill AFB	UT	Repair Dorm HVAC, B-365	617	E
1399	Hill AFB	UT	Repair Taxi Light Bases on Airfield Lights	645	E
1400	Hill AFB	UT	Repair Airfield Transient Ramps	699	P
1401	Hill AFB	UT	Maintain Taxiway G,F,B Shoulders	805	P
1402	Hill AFB	UT	Repair Asphalt Shoulders Hot Pads 1 & 2	838	P
1403	Hill AFB	UT	Maintain Asphalt Shoulder, Taxiway A	1,102	P
1404	Hill AFB	UT	Maint Wardleigh/South Gate to Chenault	1,130	P
1405	Hill AFB	UT	Repair Wardleigh/Chanault to Alabama	1,216	P
1406	Hill AFB	UT	Repair Water Distribution System	1,344	P
1407	Hill AFB	UT	Repair Hot Pad 3	1,505	P
1408	Hill AFB	UT	Repair/Seismic Upgrade Lodging Bldg. 480	2,015	O
1409	Hill AFB	UT	Repair Alert Area Pavements	4,192	P
1410	Little Mountain Test Annex	UT	Repair Fire Detection, B-4301 Mnt Bldg	16	O
1411	Little Mountain Test Annex	UT	Repair Generator With Auto Switch Facility 3902, Ltl Mnt	2,324	E
1412	Utah Test And Training Range North	UT	Install Lightning Protection	328	O
1413	Langley AFB	VA	Install Heat Destratification Fans, Fac.789	12	E
1414	Langley AFB	VA	Repair Hangar Door Seals, 10 Bldgs	211	E
1415	Langley AFB	VA	Install Demand Ventilation Controls for 81 Bldgs	374	E
1416	Langley AFB	VA	Repair Inefficient Motors In Water Source Heat Pumps, F. 693	439	E
1417	Langley AFB	VA	Extend Electrical Service DVP #12	740	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1418	Langley AFB	VA	Repair Floors, HVAC, Latrines, Admin Fac 374	793	E
1419	Langley AFB	VA	Repair By Replace Inefficient Lighting Systems	1,046	E
1420	Langley AFB	VA	Repair Airfield Ramp Lights on East & West Aprons	1,631	E
1421	Langley AFB	VA	Repair Hangar, Fac. 752	1,797	O
1422	Langley AFB	VA	Repair Roof Section C, Admin Fac. 330	2,114	R
1423	Langley AFB	VA	Repair Building Automation Systems In 20 Facilities	3,065	E
1424	Fairchild AFB	WA	Construct New Curb/Pavement, EOD Parking	4	P
1425	Fairchild AFB	WA	Provide Curb Envision Bldg 2447 Parking Lot	4	P
1426	Fairchild AFB	WA	Provide Curbing/Pavement TLaunch Facility Overflow Parking Lot	20	P
1427	Fairchild AFB	WA	Repair Pavement, Csa Bldgs 1457-1462	58	P
1428	Fairchild AFB	WA	Repair North Substation Road	59	P
1429	Fairchild AFB	WA	Repair Envision Bldg 2447 Parking Lot	109	P
1430	Fairchild AFB	WA	Repair Lodging Parking Lot	123	P
1431	Fairchild AFB	WA	Repair Twining Ave & Pmel Bldg 2135 Parking Lot	159	P
1432	Fairchild AFB	WA	Repair Pavement at Eod, Bldg 2096	161	P
1433	Fairchild AFB	WA	Repair AC Roads/Parking, Csa	184	P
1434	Fairchild AFB	WA	Airfield Striping	274	O
1435	Fairchild AFB	WA	Repair Parking Lot & Driveway, P.O. Bldg 644	394	P
1436	Fairchild AFB	WA	Repair Water Valves/Line, Main Base	1,004	E
1437	McChord AFB	WA	Inst Retrofit Lights and Controls Var Bldgs	70	E
1438	McChord AFB	WA	Rubber Rmvl/Rwy Restripe S09	204	O
1439	McChord AFB	WA	Repair HVAC Various Bldgs	323	E
1440	McChord AFB	WA	Repair HVAC Systems Multi Bldgs	344	E
1441	McChord AFB	WA	Repair Roofs Basewide Facilities	431	R
1442	McChord AFB	WA	Inst Assault Lighting, Moses Lake	497	E
1443	McChord AFB	WA	Antiterrorism Comm Squadron Bldg 851	662	O
1444	McChord AFB	WA	Repair Boiler Plant B734/853	979	E
1445	McChord AFB	WA	Repair Concrete Spalls/Cracks H Txwy	1,005	P
1446	McChord AFB	WA	Repair Pavement Moses Lake	1,103	P
1447	McChord AFB	WA	Repair Unaccompanied/Transient Housing B1147/48	3,767	Q

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1448	Francis E Warren AFB	WY	Repair Bathroom Floors Billeting - Bldg 129	5	Q
1449	Francis E Warren AFB	WY	Repair Health & Wellness Center Bldg 475	9	Q
1450	Francis E Warren AFB	WY	Construct Exersize and Evaluation Cell Admin Bldg 1151	11	O
1451	Francis E Warren AFB	WY	Construct Office Gate 2 POV Inspection Facility Bldg 530	16	O
1452	Francis E Warren AFB	WY	Construct/Install Block Heater Receptacles Bldg 1270	16	E
1453	Francis E Warren AFB	WY	Construct Ada Ramp at Youth Facility Bldg 235	22	O
1454	Francis E Warren AFB	WY	Maintain Metal Appurtenances / Switch Gear Basewide	54	E
1455	Francis E Warren AFB	WY	Repair Kitchen Floor Drains Base Dining Facility Bldg	81	O
1456	Francis E Warren AFB	WY	Maintain Cathodic Protection Systems Missile Sites	108	E
1457	Francis E Warren AFB	WY	Maintain Cathodic Protection Systems Missile Sites	108	E
1458	Francis E Warren AFB	WY	Repair Close Quarter Combat Trn Facility Bldg 1260	108	O
1459	Francis E Warren AFB	WY	Install Parking Lot Lighting Bldg 250	108	E
1460	Francis E Warren AFB	WY	Construct Generator Screening Base Wide	108	O
1461	Francis E Warren AFB	WY	Repair Roofs MMII Missile Alert Facility C-01, D-01, I-01	140	R
1462	Francis E Warren AFB	WY	Repair Roofs MMII Missile Alert Facility F-01, J-01, O-01	145	R
1463	Francis E Warren AFB	WY	Repair Flooring Replace Carpet Base Child Development Ctr Bldg 465	162	O
1464	Francis E Warren AFB	WY	Install Ptz Day/Night Cameras 15 Missile Alert Facility	162	O
1465	Francis E Warren AFB	WY	Construct Target Storage Fac Outdoor Firing Range Bldg 1591	162	O
1466	Francis E Warren AFB	WY	Repair Sump Pump Equip (Launch Facility)	162	E
1467	Francis E Warren AFB	WY	Maintain Striping, Base Pavements	269	P
1468	Francis E Warren AFB	WY	Expand CDC Parking Lot Bldg 465	269	P
1469	Francis E Warren AFB	WY	Maintain/Seal Missile Alert Facility Asphalt (F01-O01)	269	P
1470	Francis E Warren AFB	WY	Repair Mech Room/Replace Windows Aquatic Ctr Bldg 217	323	Q
1471	Francis E Warren AFB	WY	Repair Engineering Sctrion, Civil Engineering HQ Bldg 320	323	O

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1472	Francis E Warren AFB	WY	Maintain Overhead Doors & Openers Basewide	323	O
1473	Francis E Warren AFB	WY	Renovate Area Defense Council Facility Bldg 292	323	O
1474	Francis E Warren AFB	WY	Repair Hics Cable Gates MMII Missile Alert Facility	431	O
1475	Francis E Warren AFB	WY	Repair Hics Cable Gates MMII Missile Alert Facility	431	O
1476	Francis E Warren AFB	WY	Maintain Interior Paint, Base Bldgs	431	O
1477	Francis E Warren AFB	WY	Repair/Upgrade Veeder-Root Mb, Missile Alert Facilitys (Cev Software Upgrade)	485	E
1478	Francis E Warren AFB	WY	Install Weapns Storage Area Helicopter Denial System	511	O
1479	Francis E Warren AFB	WY	Repair Security Fence MMII Missile Alert Facilitys (Phase 2)	538	O
1480	Francis E Warren AFB	WY	Repair Security Fence MMII Missile Alert Facilitys (Phase 3)	538	O
1481	Francis E Warren AFB	WY	Repair Electrical Distribution - 15th Cav & East Base	538	E
1482	Francis E Warren AFB	WY	Replace HVAC / Repair Base Aquatic Center Bldg 217	926	E
1483	Francis E Warren AFB	WY	Repair Water Well Missile Alert Facs A/B/K/I-01	1,034	E
1484	Francis E Warren AFB	WY	Repair Electrical Distribution, "C" Circuit	1,077	E
1485	Francis E Warren AFB	WY	Repair Eod Facility/Construct Armag Storage Bldg 336	1,077	O
1486	Francis E Warren AFB	WY	Repair/Interim Upgrade Outdoor Firing Range Bldg 1591	1,077	O
1487	Francis E Warren AFB	WY	Maintain Base Pavements	1,077	P
1488	Francis E Warren AFB	WY	Maintain Underground Storage Tanks (Roman Launch Facility)	1,615	U

***AIR FORCE RESERVE***

**13,187**

1489	March Air Reserve Base	CA	Replace C-17 Apron Blast Fence, Tango	1,931	O
1490	March Air Reserve Base	CA	Antiterrorism Cable Retention Around Perimeter Fence	755	O
1491	March Air Reserve Base	CA	Replace Parking Lot at Facility 602	654	P
1492	March Air Reserve Base	CA	Replace Portion of Taxiway Alpha Shoulder	705	P
1493	March Air Reserve Base	CA	Repair Air Conditioning System, Simulator Fac Building 600	1,245	E
1494	Grissom Air Reserve Base	IN	Repair Family Readiness, Building 431	1,688	Q



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1495	Westover Air Reserve Base	MA	Repair C-5 Ramp Perimeter Drainage	4,160	U
1496	Minneapolis-St Paul IAP-Air Reserve Station	MN	Repair Aircraft Parking Apron	2,049	P

***AIR NATIONAL GUARD***

**25,848**

1497	Tucson	AZ	Repair Munitions Shop, Building 27	900	O
1498	Buckley AFB	CO	Repair Wing Headquarters, Building. 706	2,400	O
1499	Savannah International Airport	GA	Repair Combat Readiness Training Center (CRTC) Ramp, Phase II & III	8,000	P
1500	Scott AFB	IL	Repair Communications, Building 5010	1,800	O
1501	Joint Reserve Base New Orleans	LA	Repair Base Supply, Buildings 31, 376, & 1007	4,200	O
1502	Alpena	MI	ADAL POL Operations Facility, Building 700	600	O
1503	Rosecrans	MO	Energy: Conservation Measures Building 16	548	E
1504	Gabreski	NY	Repair POD Fire Suppression System, Building 395	2,000	O
1505	Klamath Falls	OR	MCCA - Repair Aircraft Arresting Systems	4,000	O
1506	Mcentire	SC	Add/Alter Vehicle Maintenance Complex	1,400	O

***AIR FORCE FAMILY HOUSING OPERATION & MAINTENANCE***

**16,461**

1506	Eglin AFB	FL	Repair Hidden Oaks Family Housing (126 Un)	260	F
1507	Eglin AFB	FL	Repair Capehart Enlisted Family Housing (298 Un)	596	F
1508	Eglin AFB	FL	Repair Poquito Bayou Family Housing (150 Un)	300	F
1509	McConnell AFB	KS	Repair OH Electrical - Travis and Arnold Ct	1,520	F
1510	McConnell AFB	KS	Repair OH Electrical - Craig/Fairchild and Westover	720	F
1511	McConnell AFB	KS	Repair OH Electrical - Vandenburg St (Arnold to Tinker)	2,160	F
1512	McConnell AFB	KS	Repair OH Electrical - George/Cannon/Westover Area	1,640	F
1513	Malmstrom AFB	MT	Replace/Install Fences - Housing	700	F
1514	Malmstrom AFB	MT	Maintain Landscape Family Housing	200	F
1515	Malmstrom AFB	MT	Construct Family Housing Play Areas	200	F
1516	Malmstrom AFB	MT	Repair Walking Trails	200	F
1517	Malmstrom AFB	MT	Install Sump Pumps In Wet Mech Rooms	510	F

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
1518	Minot AFB	ND	Repair Lift Station 2112 - Family Housing	450	F
1519	Cannon AFB	NM	Repair Privacy Fencing, Chavez West	1,400	F
1520	Cannon AFB	NM	Replace Co and Smoke Detectors Cmw	256	F
1521	Charleston AFB	SC	Cap MFH Geothermal Wells (500 Ea)	375	F
1522	Charleston AFB	SC	Repair Housing HVAC Systems (18 Ea)	180	F
1523	Shaw AFB	SC	Repair HVAC Returns 5000 Area	1,364	F
1524	Shaw AFB	SC	Family Housing Asbestos Testing	365	F
1525	Shaw AFB	SC	Repair Family Housing Roofs 5000 Area	1,650	F
1526	Shaw AFB	SC	Repr Termite/Structural Damage Family Housing	500	F
1527	Ellsworth AFB	SD	Replace Capehart Pumping Station (B9529)	500	F
1528	Ellsworth AFB	SD	Repair Backyard Landscape In Rushmore Heights	125	F
1529	Dyess AFB	TX	Landscape Hunters Mesa Common Areas	140	F
1530	Dyess AFB	TX	Construct Rubberized Surface Playground Area-A	30	F
1531	Dyess AFB	TX	Construct Rubberized Surface Playground Area-B	30	F
1532	Dyess AFB	TX	Construct Rubberized Surface Playground Area-C	30	F
1533	Dyess AFB	TX	Construct Rubberized Surface Playground Area-D	30	F
1534	Dyess AFB	TX	Construct Rubberized Surface Playground Area-E	30	F

<b>DEFENSE-WIDE: TRICARE MANAGEMENT ACTIVITY (TMA)</b>				<b>400,000</b>	
1	Fort Wainwright	AK	Repair Essential Electrical System Building 04076 Bassett Army Community Hospital	1,995	E
2	Fort Wainwright	AK	Repair Door Hardware Building 04076 Bassett Army Community Hospital	1,313	M
3	Fort Rucker	AL	Life Safety Repairs Building 6901 - US Army Aeromedical Research Laboratory	3,360	O
4	Fort Rucker	AL	Replace All AHU, Dampers, & Bal Sys - US Army Aeromedical Research Laboratory	3,675	E
5	Fort Rucker	AL	Repair Simulator Test Facility, US Army Aeromedical Research Laboratory	2,100	M
6	Beale AFB	CA	Modernize Outpatient Clinic Spaces	8,300	M
7	Beale AFB	CA	Demolish six medical outpatient buildings	2,100	M

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**Facilities Sustainment, Restoration, and Modernization Project List**

	Installation/Location	State	Project Title	Cost Estimate (\$000)	Project Category
8	Beale AFB	CA	Repair building exterior and entrances	1,600	M
9	Fort Irwin	CA	Medical Warehouse Addition	740	M
10	Marine Corps Base Camp Pendleton	CA	Restoration to Dental Clinic Mechanical Systems and Interior Finishes - Naval Hospital	1,500	M
11	NAVMEDCEN San Diego	CA	Restore Aged and Deteriorated Cooling Towers	600	E
12	NAVMEDCEN San Diego	CA	Repair Structural IT Vulnerability	500	M
13	NAVMEDCEN San Diego	CA	Restore Mycology Clinical Spaces	260	M
14	NAVMEDCEN San Diego	CA	Restore Interior Spaces for Mental Health Clinic and Deployment Health Center	2,010	M
15	Presidio of Monterey	CA	Modernize Utilities and Medical Functions at Health Clinic Building 4390	420	M
16	Fort Carson	CO	Repair Nutrition Care Div, Building 7500	11,550	M
17	Fort Carson	CO	Make medical facility doors ADA compliant	1,050	M
18	Fort Carson	CO	Repair Elevator Interiors Building 7500 Evans Army Health Clinic	525	M
19	Fort Carson	CO	Upgrade Tower Biomedical Exhaust, Building 7500	630	E
20	Dover AFB	DE	Modernize Outpatient Clinical Spaces	15,150	M
21	Dover AFB	DE	Repair HVAC VAV terminals and Chillers in Clinic	1,850	E
22	Patrick AFB	FL	Modernize Inpatient Floors for Outpatient clinics	15,200	M
23	Patrick AFB	FL	Hazardous material abatement	800	M
24	Fort Benning	GA	Repair Oral Surg & Gen Surg HVAC Building 09200 Martin Army Hospital	605	E
25	Fort Benning	GA	Modernize Dahlongega Health Clinic Building 00027	2,100	M
26	Fort Benning	GA	Repair Crawl Space Drain Piping Building 09200 Martin Army Hospital	357	U
27	Fort Benning	GA	Modernize Ortho, Peds, Int Med Building 09200 Martin Army Hospital	1,575	M
28	Fort Benning	GA	Modernize Troop Medical Clinic #1 Building 02822	1,286	M
29	Fort Gordon	GA	Repair & Expand Snyder Clinic Building 25501	1,575	M
30	Fort Gordon	GA	Repair Podiatry/Ortho Clinics Building 00300	3,780	M
31	Fort Gordon	GA	Repair Cast Iron Pipes Building 00300	14,175	U

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
32	Naval Hospital Guam	GU	Resurface Parking Lot	305	P
33	Naval Hospital Guam	GU	Modernize Urology/Orthopedics Suite	456	M
34	Naval Hospital Guam	GU	Modernize Wing B2 Space Endoscopy Suite	173	M
35	Schofield Barracks	HI	Repair B137, Substation Cp Swing Repair, Tripler Army Medical Center	2,625	E
36	Schofield Barracks	HI	Repair Fire Sprinkler, Building 160 , Tripler Army Medical Center	483	O
37	Schofield Barracks	HI	Repair Building 4 Motor Control Center, Tripler Army Medical Center	1,365	E
38	Schofield Barracks	HI	Repair/Replacement Elevator 34 , Tripler Army Medical Center	620	O
39	Schofield Barracks	HI	Repair Building 1 Motor Control Center, Tripler Army Medical Center	1,575	E
40	Schofield Barracks	HI	Replacement Lighting U-Shape T-12 Fixture, Tripler Army Medical Center	630	E
41	Schofield Barracks	HI	Repari/Replace Chiller #3, Building 137, Tripler Army Medical Center	1,837	E
42	Schofield Barracks	HI	Electric Rooms Access Ctrl Sys, Tripler Army Medical Center	840	E
43	Schofield Barracks	HI	Repair ER Class/Conf Rm, Tripler Army Medical Center	788	M
44	Fort Leavenworth	KS	Modernize Gentry Clinic	5,775	M
45	Fort Leavenworth	KS	Repair Pharmacy	1,050	M
46	Fort Leavenworth	KS	Modernize Medical Laboratory	1,628	M
47	Fort Riley	KS	Modernize Dental Facility Building 7670	7,350	M
48	Fort Riley	KS	Repair 2nd Floor Fire Penetration Life Safety Building 600 Irwin Army Community Hospital	3,675	M
49	Fort Knox	KY	Modernize Emergency Department	6,195	M
50	US Army Soldier Systems Center Natick	MA	Repair Fire Sprinkler Protection System	1,811	O
51	US Army Soldier Systems Center Natick	MA	Repair Soldier Performance Lab	971	M

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
52	Aberdeen Proving Ground	MD	Replace Failing Roof - Center for Health Promotion & Preventive Medicine	326	R
53	Aberdeen Proving Ground	MD	Modernize 3rd Floor Utilities - Center for Health Promotion & Preventive Medicine	15,750	M
54	Aberdeen Proving Ground	MD	Environmental Controls Phase 2, Medical Research Lab	682	E
55	Aberdeen Proving Ground	MD	Functional Renovation of Medical Research Lab Building E3100	1,575	M
56	Aberdeen Proving Ground	MD	Replace Roof Building E3081 - Institute for Chemical Defense	315	R
57	Aberdeen Proving Ground	MD	Sanitary Piping-Design Building E3081 - Institute for Chemical Defense	315	U
58	Aberdeen Proving Ground	MD	Replace Chilled Water Pumps Building E3081 - Institute for Chemical Defense	315	E
59	Aberdeen Proving Ground	MD	Replace Vacuum Pumps Building E3081 - Institute for Chemical Defense	315	E
60	Fort Detrick	MD	Replace Internal Electrical Substations Building 1425 - Army Medical Research Institute of Infectious Diseases	2,625	E
61	Fort Detrick	MD	Repair Medical Labs V2 and AA2 Building 1425 - Army Medical Research Institute of Infectious Diseases	3,150	M
62	Fort Detrick	MD	Repair Medical Labs AR317 and AR2 in Building 1425 - Army Medical Research Institute of Infectious Diseases	3,150	M
63	Fort Detrick	MD	Replace RO Distribution Piping Building 1425 - Army Medical Research Institute of Infectious Diseases	866	E
64	Fort Detrick	MD	Repair Agent Contamination/Isolation Unit Building 1425 - Army Medical Research Institute of Infectious Diseases	525	M
65	Fort Detrick	MD	Modernize Admin/Lab Building (Research) - Telemedicine and Advanced Technology Research Center	2,100	M
66	Fort Detrick	MD	Remove Sissal Wall Covering Building 1425 - Army Medical Research Institute of Infectious Diseases	989	M
67	Fort Detrick	MD	Repair Bio Safety Lab2 and Lab 115 Building 1301	1,575	M

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
68	Fort Detrick	MD	Install Clean Steam Generator Building 1425 - Army Medical Research Institute of Infectious Diseases	1,050	E
69	Fort Meade	MD	Repair Dental Clinic Finishes	315	M
70	Fort Meade	MD	Repair Stairwells, Kimbrough Army Health Clinic	420	M
71	Fort Meade	MD	Modernize Kimbrough Army Health Clinic	2,887	M
72	Fort Meade	MD	Repair/Replace Elevators	1,848	O
73	Fort Meade	MD	Repair/Replace Electrical Components, Kimbrough Army Health Clinic	1,040	E
74	Fort Meade	MD	Repair Electrical Service & HVAC	368	E
75	National Naval Medical Center Bethesda	MD	Repair Fire Alarm Systems	10,000	U
76	National Naval Medical Center Bethesda	MD	Restore Medical Warehouse (1)	260	M
77	National Naval Medical Center Bethesda	MD	Restore Medical Warehouse (2)	260	M
78	National Naval Medical Center Bethesda	MD	Structural Repairs to Water Retention Pond Dam	568	O
79	National Naval Medical Center Bethesda	MD	Replace and Relocate Utilities for Satellite Pharmacy	240	E
80	National Naval Medical Center Bethesda	MD	Install Communications Duct Bank from Building 141 to Building 241	305	U
81	WRAIR - Forest Glen	MD	Repair Bio Lab Building 501 - Walter Reed Army Institute of Research	3,675	M
82	WRAIR - Forest Glen	MD	Renovate Research Labs in Building 503 - Walter Reed Army Institute of Research	525	M
83	WRAIR - Forest Glen	MD	Repair Research Labs in Building 508 - Walter Reed Army Institute of Research	2,625	M
84	WRAIR - Forest Glen	MD	Repair Research Labs in Building 503 - Walter Reed Army Institute of Research	1,575	M
85	WRAIR - Forest Glen	MD	Building 503 and Tunnel Area Basement Waterproofing Study, Walter Reed Army Institute of Research	368	M
86	WRAIR - Forest Glen	MD	Building 503 and Tunnel Area Basement Waterproofing Repair, Walter Reed Army Institute of Research	4,200	M
87	WRAIR - Forest Glen	MD	Repair HVAC System in Lab Building 511 - Walter Reed Army Institute of Research	2,625	E

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
88	WRAIR - Forest Glen	MD	ADA Accessibility Building 503 - Walter Reed Army Institute of Research	525	Q
89	WRAIR - Forest Glen	MD	ADA Restroom Conversion Building 503/511 - Walter Reed Army Institute of Research	315	Q
90	WRAIR - Forest Glen	MD	Repair Bio Safety Lab-3 Building 503 - Walter Reed Army Institute of Research	525	M
91	WRAIR - Forest Glen	MD	Repair Campus Boiler, Walter Reed Army Institute of Research	535	E
92	WRAIR - Forest Glen	MD	Paint Exterior Steel Structure Building 503 - Walter Reed Army Institute of Research	1,575	O
93	WRAIR - Forest Glen	MD	Repair Chiller Walter Building 503 - Walter Reed Army Institute of Research	262	E
94	WRAIR - Forest Glen	MD	Repair Fire Control Panel and Addressable System Building 503 - Walter Reed Army Institute of Research	420	O
95	Fort Leonard Wood	MO	Replace Electrical Service and Distribution for Hospital	525	E
96	Fort Bragg	NC	Replace Resilient Flooring, Womack Army Medical Center	4,200	M
97	Offutt AFB	NE	Modernize Spaces for Clinical Use Ehrling Bergquist Medical Clinic	16,250	M
98	Offutt AFB	NE	Hazardous remediation Ehrling Bergquist Medical Clinic	1,800	O
99	Offutt AFB	NE	Replace deteriorated interior water/drain lines Ehrling Bergquist Medical Clinic	1,700	E
100	Offutt AFB	NE	Replace exterior windows Ehrling Bergquist Medical Clinic	750	E
101	Fort Sill	OK	Modernize Functions and Utilities of Health Clinic Building 3445	5,250	M
102	Fort Sill	OK	Modernize Pediatric Clinic	1,234	M
103	Fort Sill	OK	Modernize Medical Outpatient Records Section	1,234	M
104	Fort Sill	OK	Modernize Medical Inpatient Records Section	1,234	M
105	Carlisle Barracks	PA	Repair Dental Clinic	578	M
106	Naval Station Newport	RI	Replace Medical/Dental Clinic Roof	1,800	R

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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
107	Naval Station Newport	RI	Repair Interior Water Damage, Medical Clinic	263	M
108	Fort Jackson	SC	Repair Air Conditioning components - Replace W/ Elec Boxes Building 04500	682	E
109	Ellsworth AFB	SD	Modernize Outpatient Clinical Spaces	13,250	M
110	Ellsworth AFB	SD	Repair and upgrade HVAC, sanitary sewer, hot water systems in Clinic	2,900	E
111	Ellsworth AFB	SD	Life Safety Upgrade in Outpatient Clinic	350	O
112	Fort Bliss	TX	Modernize 11th Floor Inpatient Psychiatric Ward	1,470	M
113	Fort Bliss	TX	Repair William Beaumont Army Medical Center Recovery Unit	1,076	M
114	Fort Bliss	TX	Replace Hospital Domestic Hot Water Heat Exchanger in Hospital	473	E
115	Fort Bliss	TX	Modernize Community Mental Health Building	682	M
116	Fort Hood	TX	Repair Dental Clinic #3 Building 39033	4,358	M
117	Fort Hood	TX	Replacement of Med Vacuum System Building 36000 Darnall Community Army Hospital - Critical Need	420	M
118	Fort Hood	TX	Repair Monroe Clinic Building 33003	7,350	M
119	Fort Hood	TX	Replace Motor Control Centers Building 36000 Darnall Community Army Hospital	2,887	E
120	Fort Hood	TX	Repair Robertson Blood Ctr Building 2250	945	M
121	Fort Hood	TX	Repair Chiller #3 and Cooling Tower Building 36000 Darnall Community Army Hospital	1,837	E
122	Fort Hood	TX	Modernize Preventive Med Facility Building 76022	892	M
123	Fort Sam Houston	TX	Repair ENT & Ophthalmology Clinics	788	M
124	NAS Corpus Christi	TX	Restore Electrical Distribution System - Naval Health Clinic	1,500	E
125	Fort AP Hill	VA	Modernize Lois E Wells Clinic	1,260	M
126	Fort Belvoir	VA	Repair Building Exteriors Medical Buildings 805-815	2,336	M
127	Fort Belvoir	VA	Modernize Building 805 Health Clinic	3,412	M
128	Fort Eustis	VA	Repair Medical Storage Warehouse Building 00658	420	M
129	Fort Eustis	VA	Renovate Utilities Veterinary Buildings 2788/2790	682	M



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Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
130	Fort Eustis	VA	Chill Water Loop Reconfiguration	630	E
131	Fort Lee	VA	Modernize/Repair First Floor B Wing, Kenner Army Health Clinic	840	M
132	Fort Lee	VA	Repair Exterior to Building 8130, Kenner Army Health Clinic	714	M
133	Fort Lee	VA	Modernize Radiology/Laboratory Departments	777	M
134	Fort Lee	VA	Modernize Medical Warehouse	1,208	M
135	Fort Lee	VA	Repair Troop Medical Clinic Building 3219	788	M
136	Langley AFB	VA	Modernize Outpatient Clinics in Hospital	26,145	M
137	Langley AFB	VA	Repair HVAC system, chillers and controls in Hospital	8,600	E
138	Langley AFB	VA	Repair communication infrastructure and cabling in Hospital	5,130	U
139	Langley AFB	VA	Repair Hospital internal electrical distribution system	3,900	E
140	Langley AFB	VA	Demolish Medical Outpatient Building 72	2,200	M
141	Langley AFB	VA	Repair Hospital interior plumbing	2,025	E
142	NAVMEDCEN Portsmouth	VA	Replace Roof and Repair Exterior Building Medical Admin Building-3	29,000	R
143	Fort Lewis	WA	Provide Emerg Power for Medical Data Systems	372	U
144	Fort Lewis	WA	Modernize Medical Information Management Division Computer Room, Madigan Army Medical Center	788	M
145	Fort Lewis	WA	Modernize Medical Mall OBGYN Madigan Army Medical Center	788	M
146	Fort Lewis	WA	Replace Emerg Gen Diesel Fuel Tanks	4,200	E
147	Fort Lewis	WA	Modernize Medical Logistics Distribution System	788	M
148	Fort Lewis	WA	Modernize Medical Logistics Warehouse Building 9665	2,625	M
149	Fort Lewis	WA	Replace Smoke Detectors Madigan Army Medical Center	499	O
150	Fort Lewis	WA	Repair Interstitial Deck, Madigan Army Medical Center	394	M
151	Fort Lewis	WA	Modernize Heat Trace System Madigan Army Medical Center	420	E

**American Recovery and Reinvestment Act of 2009**  
**Operation and Maintenance, Defense Health Program, and Family Housing Funded**  
**Facilities Sustainment, Restoration, and Modernization Project List**

Installation/Location		State	Project Title	Cost Estimate (\$000)	Project Category
152	Fort Lewis	WA	Repair Heat Trace System Madigan Army Medical Center	2,100	E
153	Fort Lewis	WA	Repair Radiology Clinic Air Handling Unit	514	E
154	Fort Lewis	WA	Repair Tower Roof, Madigan Army Medical Center	525	R
155	Fort Lewis	WA	Repair Pond Supply Diversion Line, Madigan Army Medical Center	525	U

## Section III

# Research, Development, Test and Evaluation (RDT&E) Plan

This section includes a plan for RDT&E funded near-term energy efficiency, alternative energy supply, and tactical energy/power system demonstrations and research to be funded under Division A, Title III of the Recovery Act.

The Components submitted multiple energy-related RDT&E candidate projects, studies and proposals for review in five broad areas listed below. Candidate projects were submitted to the Energy Security Task Force, which is comprised of representatives from the Military Services, Defense Agencies, and the Office of the Secretary of Defense staff, and chaired by the Director, Defense Research and Engineering, for review and to de-conflict funding being spent on the same kinds of research. Another goal of the Energy Security Task Force review was to place a priority on RDT&E projects for near-term demonstration.

The list is organized by the following categories for Army, Navy, Air Force, and Defense-Wide activities:

- Fuel Optimization for Mobility Platforms
- Facility Energy Initiatives
- Operational Efficiencies/Commercial Practices
- Domestic Energy Supply/Distribution
- Tactical power Systems /Generators

The table below provides the RDT&E funding by Component and category of planned work (\$ in thousands):

Category	Army	Navy	Air Force	Defense-Wide	DoD Total
Fuel - Mobility	40,000	52,900	28,000	16,000	136,900
Facility Energy	10,000	3,500	-	-	13,500
Operational Efficiencies/ Commercial Practices	-	-	1,000	9,000	10,000
Supply & Distribution	15,000	16,100	37,000	47,000	115,100
Tactical Power & Generators	10,000	2,500	9,000	3,000	24,500
<b>Totals:</b>	75,000	75,000	75,000	75,000	300,000

Included below are summaries of the types of research and development activities included in each program category:

Fuel Optimization for Mobility Platforms: These RDT&E efforts include testing various materials, like ceramics, in engine and equipment design to lower thermal loads and decrease the need for cooling of component parts that require additional energy to perform the cooling tasks. It also includes conducting demonstrations on the fuel efficiency of Low Observable subsonic propulsion systems in aircraft and small-scale propulsion systems for Unmanned Aerial Vehicles (UAVs).

Facility Energy Initiatives: These projects/studies include developing or reviewing off-the-shelf enterprise energy auditing programs and software that can couple energy security with energy efficiency; reducing power consumption in tactical heating and air conditioning systems; whole-building energy modeling and monitoring systems and renewable energy building integration.

Operational Efficiencies/Commercial Practices: These projects/studies include developing or reviewing off-the-shelf enterprise energy auditing and water management programs and software that can couple energy security with energy efficiency, whole-building energy modeling, monitoring systems and renewable energy building integration.

Domestic Energy Supply/Distribution: These include waste-to-energy and waste-to-fuel technology research and demonstrations; landfill gas use; biomass and algae fuel oil production; multi-junction solar photovoltaics for cells and sensors; wave and thermal energy from oceans; wind power and analyzing radar cross sections and noise control on wind turbines.

Tactical power Systems /Generators: Develop and demonstrate methanol-based portable fuel cells with improved energy densities; long-duration multi-junction photovoltaics for UAVs; fuel cells; waste heat to cooling using absorption environmental control systems; scalable micro-grid electrical distribution systems for fixed and tactical installation use.

**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

**ARMY PROJECT PLAN**

Category	Project Title	Description	(\$ M)
<b>PROPULSION / ELECTRIC DRIVE / ENGINE EFFICIENCY</b>			
<b>Fuel Optimization for Mobility Platforms</b>	Advanced Power Electronics Ground Systems Testbed Equipment	Enhanced laboratory facilities and instrumentation to perform integrated power and thermal management across a spectrum of power regimes (micro power to 100s of kW). Leverages a baseline of advanced high power, high temperature electronics efforts for high density conversion on future Army platforms. State-of-the-art research and development (R&D) for enhanced modeling, simulation and testing of all military ground vehicles from sub-system components to systems of systems, with focus on hybrid and electric power subsystems.	15.0
	High Temperature Silicon Carbide (SiC) Power Semiconductors (Applied Research)	This will enable more electric Army vehicles, heavy commercial vehicles, and mobile, exportable power systems. SiC is currently produced in limited quantity because of material impurities. Significant material advances have been achieved by several companies in the U.S.	12.5
	High Temperature Silicon Carbide (SiC) Power Semiconductors (Advanced Technology Development)	This will enable more electric Army vehicles, heavy commercial vehicles, and mobile, exportable power systems. SiC is currently produced in limited quantity because of material impurities. Significant material advances have been achieved by several companies in the U.S.	12.5
<b>FUEL OPTIMIZATION FOR MOBILITY PLATFORMS TOTAL:</b>			<b>40.0</b>
<b>Facility Energy Initiatives</b>	Ultra Low Energy Community Systems	Develop concept, methodology, technology integrations, and master planning for a specific Army campus to achieve ultra low energy community systems. Most promising concepts will be demonstrated at candidate installations such as Ft Irwin and Ft Carson. The outcome of the work will be readily implementable for all Army ultra low energy applications from installations to deployed bases.	3.0
	Energy Security Audit & Islanding Methodology	Develop energy security self audit model to include the development of metrics to describe the energy security state of critical missions, and utilize this with existing Anti Terrorism/Force Protection (AT/FP) processes at the 16 force projection installations. Identify actionable projects for each installation to achieve energy security.	7.0
<b>FACILITY ENERGY INITIATIVES TOTAL:</b>			<b>10.0</b>
<b>RENEWABLE DEVELOPMENT AND TESTING</b>			
<b>Domestic Energy Supply/ Distribution</b>	Lightweight, Flexible, Cost Effective Solar Energy Photovoltaics	Develop flexible photovoltaic devices and cells for sensor, Soldier, and autonomous systems. Investigate novel approaches, highly integrated advanced materials, electronic devices and structures to enhance weight, space reduction and self powering for emerging flexible and specialized electronics. Program will leverage and accelerate development and demonstration of integrated flexible solar cells, and high-efficiency solar cell film technology for renewable energy sources for the Army which will also have commercial applicability.	15.0
<b>DOMESTIC ENERGY/SUPPLY DISTRIBUTION TOTAL:</b>			<b>15.0</b>
<b>SMALL SCALE CO-GENERATION</b>			
<b>Tactical Power Systems/ Generators</b>	Develop smaller, lighter cogeneration and absorption environmental control systems	The ammonia-water and lithium-bromide absorption cycles hold significant promise for direct waste-heat to cooling cogeneration applications. Both technologies are expensive and require minimization of components to be viable for mobile applications.	6.5
	<b>MICRO-GRIDS</b>		
	Micro-Grid Field Scaled Demonstration	We propose a demonstration of a full power architecture suite. Successful completion of this demonstration is a major step toward enabling Army to implement microgrid power architecture for deployed bases too. Will develop software and hardware required for a mini or micro-grid arrangement to support an installation and the NetZero initiative. It needs the capability to handle input energy supplies from Solar, Wind, Biomass, and other.	3.5
<b>TACTICAL POWER SYSTEMS/GENERATORS TOTAL:</b>			<b>10.0</b>

**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

**NAVY & MARINE CORPS PROJECT PLAN**

<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>(\$ M)</b>
<b>Fuel Optimization for Mobility Platforms</b>	<b>PROPULSION / ELECTRIC DRIVE / ENGINE EFFICIENCY</b>		
	On-Board Vehicle Power	Diesel electric drive train for efficiency improvement and export power generation.	4.0
	<b>AIRCRAFT FUEL EFFICIENCY</b>		
	F18 Engine Efficiency Improvements	Develop and test technologies to improve fuel efficiency of F 414 engine used in F18 E/F/G (DON Unique); Attacks highest fuel burner.	16.0
	Aircraft Energy Conservation RDTE Program	Institute aircraft energy conservation program; Upgrade air flight performance modules and performance navigation. T56 engines (C130, C2 & E2) and mission planning	1.5
	<b>SHIP FUEL EFFICIENCY</b>		
	Hybrid Electric Drive System Development for Surface Combatants	Develop & test (land-based and at-sea) electrical rotating machine, converter power electronics, supervisory control system, and ship integration for hybrid electric drive system. Reduce DDG-51 fuel consumption and increase mission effectiveness through longer time on station. Supports cruising speeds (< 12 kts) without the use of main propulsion. Provides the foundation towards propulsion derived ship service and ultimately energy storage.	27.0
	Advanced High Energy HVAC System	Develop and test advanced high efficient shipboard HVAC system to reduce fuel used to provide shipboard cooling.	2.7
Navy Shipboard Energy Program	Accelerate Ship Energy Conservation Program (e.g., LED lighting, steering on amphibs); Immediate impact (existing program), and funding will accelerate program.	1.7	
<b>FUEL OPTIMIZATION FOR MOBILITY PLATFORMS TOTAL:</b>			<b>52.9</b>
<b>Facility Energy Initiatives</b>	<b>OPERATIONAL CHANGES</b>		
	Improved Environmental Control Equipment	Reduced Power Consumption in Tactical HVAC; Reduces convoy needs.	3.5
	<b>FACILITY ENERGY INITIATIVES TOTAL:</b>		
<b>Domestic Energy Supply/ Distribution</b>	<b>RENEWABLE DEVELOPMENT AND TESTING</b>		
	Ocean and Wave Energy Utilization - OTEC	Demonstrate feasibility to utilize wave and thermal energy from oceans to provide renewable energy for shore installations. This will demonstrate feasibility of full scale project for Diego Garcia. Advances technology.	8.8
	<b>ALTERNATIVE FUELS</b>		
	Alternative Test Fuel and Cert Protocol Acceleration	Accelerate testing of alternative fuels for use in Naval tactical vehicles - ships, aircraft, and USMC combat vehicles to finish by 2010. Applicable for F18 and other airframes and maritime	5.3
	<b>ALTERNATIVE ENERGY SOURCES</b>		
	Plasma Fusion (Polywell)	Demonstrate fusion plasma confinement system for shore and shipboard applications; Joint OSD/USN project.	2.0
<b>DOMESTIC ENERGY/SUPPLY DISTRIBUTION TOTAL:</b>			<b>16.1</b>
<b>Tactical Power Systems/ Generators</b>	<b>SMALL SCALE CO-GENERATION</b>		
	Integrated Generator / Environmental Control	Integrated COGEN for fuel savings / improved power generation for tactical system	2.5
	<b>TACTICAL POWER SYSTEMS/GENERATORS TOTAL:</b>		

**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

**AIR FORCE PROJECT PLAN**

<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>(\$ M)</b>
<b>Fuel Optimization for Mobility Platforms</b>	<b>PROPULSION / ELECTRIC DRIVE / ENGINE EFFICIENCY</b>		
	HEETE	Conduct demonstrations of fuel efficient, LO compatible subsonic propulsion system core engines that support future ISR, UAVs, tankers and mobility extreme endurance and range requirements.	5.0
	ADVENT	Conduct demonstrations of multi-design point adaptive turbine engines that automatically adjust fan and core airflow and pressures for optimized performance and fuel efficiency at all flight conditions.	6.0
	ESSP	Conduct demonstrations of small scale propulsion systems to reduce fuel consumption for Unmanned Air Vehicles (UAV) and power generators; using unconventional configuration that enables high pressure ratios, high bypass ratios, mission adaptive technology features, and distributed vehicle power integration improvements.	4.0
	Materials for Green Propulsion	Define risk reduction projects for advanced materials and manufacturing technologies that will deliver improvement in fuel burn and a reduction in greenhouse gas emissions for both fielded and next generation commercial and military turbine engines.	6.0
	<b>AIRCRAFT FUEL EFFICIENCY</b>		
	Aft-Body Drag Reduction	Design and demonstrate drag reduction of finlets mounted on the sides of the aft fuselage of cargo type aircraft. The finlets would be 12-18 inches wide and approximately 6 foot long. They create a vortex flow which induces upwash to eliminate the separated flow behind the cargo ramp.	7.0
<b>FUEL OPTIMIZATION FOR MOBILITY PLATFORMS TOTAL:</b>			<b>28.0</b>
<b>Operational Efficiencies/ Commercial Practices</b>	<b>MODELING AND SIMULATION</b>		
	Global Solar Prediction Model	Develop comprehensive object-oriented framework and database management software for Airbase solar power systems design and simulation.	1.0
<b>OPERATIONAL EFFICIENCIES/COMMERCIAL PRACTICES TOTAL:</b>			<b>1.0</b>
<b>Domestic Energy Supply/ Distribution</b>	<b>RENEWABLE DEVELOPMENT AND TESTING</b>		
	Renew Energy Impact on Test Ranges	Design and test renewable energy development on federal range lands by matching renewable technologies with compatible land areas based on resources and mission impact.	1.0
	Ult-Hi Eff Multijunction Solar Cells	Evaluate advanced multijunction solar cells based on 4 and 5 junction inverted metamorphic structures with promise of reaching greater efficiency for space applications, and greater concentration for terrestrial applications.	18.0
	Solar Cell Transparent Conductor	Develop and test alternatives to Indium Tin Oxide for the transparent electrodes in solar cells. Alternatives include, but are not limited to, non indium containing conductive oxides, conductive polymer, and carbon nanotube based electrodes.	1.0
	Self Sustain Energy Tech for BEAR	Develop and demonstrate a prototype for Basic Expeditionary Airfield Resources (BEAR) support to include a sustainable power generation system, a system that is completely dependent on renewable sources to produce electricity on demand.	5.0
	<b>ALTERNATIVE FUELS</b>		
	Nanoscale Additives for Novel Fuels	Investigate the ability to dissolve or suspend nanoparticles in fuels and ionic liquids to create new sets of desirable properties for alternative fuels.	3.0
	Greenhouse Gas Lifecycle Analysis	Expand and expedite the assessment of alternate fuels on the effect of greenhouse gas life cycle.	2.0
	Toxicology Assess - Biomass Av Fuel	Initiate the assessment of the toxicology of biomass-derived alternative aviation fuels.	1.0
	<b>ALTERNATIVE ENERGY SOURCES</b>		
	Anaerobic Bioreactor	Design and demonstrate a novel approach of converting organic waste in landfills to affordable renewable power.	6.0
<b>DOMESTIC ENERGY SUPPLY/DISTRIBUTION TOTAL:</b>			<b>37.0</b>
	<b>FUEL CELLS</b>		
	High Eff Portable Fuel Cells	Develop and demonstrate methanol-based portable fuel cells with improved energy densities. Funding will be used to address materials related issues and would result in the demonstration of 20 units of a portable power fuel cell.	2.0

**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

***AIR FORCE PROJECT PLAN***

<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>(\$ M)</b>
<b>Tactical Power Systems/Generators</b>	Hybrid UAV Renew Prop & Power Sys	Develop a renewable long-endurance (months on station) Unmanned Air Vehicle using four- junction photovoltaic power to renew a fuel cell-based power system and high efficient electric propulsion.	5.0
	<b>GENERATORS</b>		
	Deployable Multi-Fuels Elec Gen	Design and demonstrate a 10kW compact and efficient fuel cell electric generator running on multi-fuels including logistic fuels using the compact reformer technology	2.0
<b><i>TACTICAL POWER SYSTEMS/GENERATORS TOTAL:</i></b>			<b><i>9.0</i></b>



**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

***DEFENSE-WIDE PROJECT PLAN***

<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>(\$ M)</b>
<b>Fuel Optimization for Mobility Platforms</b>	<b>PROPULSION / ELECTRIC DRIVE / ENGINE EFFICIENCY</b>		
	Materials - Ceramic matrix composites	Ceramic matrix composites for turbine engines/lightweight composite to metal joining; CMCs will replace metal coated components resulting in a decrease in specific fuel consumption (SFC) for turbine engines. Some estimate savings for engines with CMCs components vs. metal coated components. Legacy engines will be able to integrate technology downstream in depot.	5.0
	Fuel Efficient Ground Vehicle Demonstrator	Additional tech demos, including NiB coatings	9.0
	<b>MODELING AND SIMULATION</b>		
	Energy Modeling	Current DoD Energy analytical tools do not provide a mechanism to value energy technology investment relative to operational capability, force structure balance or cost; the basis on which key decisions are made. Effort will develop analytical tool sets to value energy technology investment to enable approaches to reduce warfighter energy demand and improve combat capability.	2.0
<b>FUEL OPTIMIZATION FOR MOBILITY PLATFORMS TOTAL:</b>			<b>16.0</b>
<b>Operational Efficiencies/ Commercial Practices</b>	<b>OPERATIONAL CHANGES</b>		
	Continuous Building Commissioning	Demonstrate whole-building modeling and monitoring systems capable of 1) identifying, classifying, and quantifying energy and water consumption deviations from design intent or optimal, 2) identify the causes of those deviations, and 3) recommend, prioritize, and implement corrective actions	7.0
	Energy Enterprise Management	Assess, evaluate and prototype an energy enterprise management application that can be used from the building level, all the way up to the OSD level to manage and aggregate energy data	2.0
<b>OPERATIONAL EFFICIENCIES/COMMERCIAL PRACTICES TOTAL:</b>			<b>9.0</b>
<b>Domestic Energy Supply/ Distribution</b>	<b>RENEWABLE DEVELOPMENT AND TESTING</b>		
	Solid Waste Gasification	Expand ongoing effort to systematically evaluate multiple designs for preprocessing, gasification, and energy generation	3.0
	Anaerobic Digester Technology	Demonstrate anaerobic digestion of food and associated wastes for generating renewable energy	2.0
	Landfill Gas Energy Capture	Expand demonstration to multiple sites	2.5
	Wind Lift Power Generator	Wind power generator for use in remote villages with no electricity.	1.0
	Mobile Waste to Energy	Partner with Army. Mobile units capable of producing fuel from waste products at Fort Stewart + additional sites. Funding used to support the additional units for testing and fuel production for certification.	7.5
	HPCM Maui Energy Improvement Initiative	This effort will make solar power more efficient, affordable, and applicable to military installations. This project provides the key demonstration steps to bring improvement to the Maui High Performance Computing Center (MHPCC) - a DoD Supercomputing Resource Center as a showcase for an energy independent future. While this effort will not leave in place a 2 MW Facility, it will leave in place a significant power generation capability.	4.0
	<b>ALTERNATIVE FUELS</b>		
Algal Derived Biofuel Program	Upscaling of algae oil production to meet Navy and AF contract requirements	6.0	

**America Recovery and Reinvestment Act of 2009  
Research Development Test Evaluation (RDT&E) Plan**

***DEFENSE-WIDE PROJECT PLAN***

<b>Category</b>	<b>Project Title</b>	<b>Description</b>	<b>(\$ M)</b>
	<b>ALTERNATIVE ENERGY SOURCES</b>		
	Plasma Fusion (Polywell)	Combined effort with the Navy; Demonstrate fusion plasma confinement system for shore and shipboard applications	2.0
	<b>FUEL CELLS</b>		
	Fuel Cells	Auxiliary power unit - 25-50 250W - 2KW units; leverage anticipated DOE investment; purchasing larger quantities to obtain economies of scale	19.0
<b>DOMESTIC ENERGY SUPPLY/DISTRIBUTION TOTAL:</b>			<b>47.0</b>
<b>Tactical Power Systems/Generators</b>	<b>MICRO-GRIDS</b>		
	Tactical, Deployable Micro-Grid	Plan is to put this on the ground at NTC after funding. Use competitive designs from organizations in addition to Sandia; Further develop multiple control architectures for managing microgrids in coordination with Army and Air Force installation based micro-grid demonstrations.	3.0
	<b>TACTICAL POWER SYSTEMS/GENERATORS TOTAL:</b>		

**Enclosure 2**

**Congressional Notification under Title 10 U.S.C. 2807  
Projects Requiring Architectural/Engineering Services in Excess of \$1.0 Million**

Pursuant to Section 2807 of Title 10, United States Code, the Department of Defense is providing its notification that it intends to proceed with obtaining architectural and engineering services in excess of \$1.0 million with funds appropriated under the American Recovery and Reinvestment Act of 2009 to conduct planning and design for the following military construction projects:

**NAVY\***

<b>Installation/Location</b>	<b>State</b>	<b>Project Title</b>	<b>Project Number</b>	<b>Estimate Project Cost (\$000)</b>	<b>Estimated Design Cost (\$000)</b>
Naval Base Coronado	CA	Construct Bachelor Enlisted Quarters	P742	86,275	4,725
This project constructs 198,917 square feet of multi-story, reinforced concrete, Bachelor Housing Quarters that will provide 264 1+1E housing modules to accommodate 556 E1-E3 enlisted personnel assigned to Naval Base Coronado.					
Hampton Roads	VA	Install Photovoltaic Systems	P114	26,098	1,171
Design and construct a 3 MW photovoltaic (PV) grid, without energy storage, at Navy installations in the Norfolk area. Utility service production, collection, and distribution systems are included as shore facilities. This project will generate renewable energy at Navy shore facilities, which will be tied into the electrical distribution grid. Photovoltaic cells will be mounted on structures above existing parking areas to minimize the impact on open space or areas designated in Base Master Plans for construction of future projects.					
Naval Air Station Whidbey Island	WA	Replace Water Distribution System at Ault Field	P236	20,054	1,001
Project replaces water distribution lines on Ault Field, Seaplane Base and the lines connecting the two bases. The water distribution system may be rerouted and resized to best meet demand and increase efficiency. Project includes site restoration (paving or seeding). The water lines will be constructed to resist breaking in event of an earthquake.					

**Defense-Wide**

Camp Pendleton	CA	Hospital Replacement	71653	563,100	28,155
Construct a multi-story replacement Naval Hospital. Project will provide inpatient medical facility, ancillary departments, emergency care, primary care, specialty care clinics, and support spaces. Supporting facilities include utilities, site improvements, access roads, and parking.					

Fort Hood	TX	Hospital Replacement, Phase 1	74650	621,000	86,940
Construct the first phase of a medical center replacement and central utility plant on the athletic field site adjacent to the existing hospital campus. Supporting facilities include site work, parking, utilities, and relocate existing athletic fields. Phase 1 will provide comprehensive ambulatory and ancillary care services to eligible beneficiaries at Fort Hood.					

\* Naval Base Coronado notification provided to Congress in December 2008. The two remaining Navy projects will be conducted as Design/Build contracts.

**Enclosure 3**

**Congressional Notification under Title 10 U.S.C. 2811  
Operation and Maintenance Funded Projects in Excess of \$7.5 Million**

**INDEX**

**PART 1 – Projects Requiring Notification**

**PART 2 – Projects Previously Notified**

**PART 1 – Projects Requiring Notification**

Pursuant to Section 2811 of Title 10, United States Code, the Department of Defense intends to proceed with the FSRM projects shown below funded with Operation and Maintenance, Defense Health Program, and Family Housing Operations appropriations. These projects will be executed using the \$4.3 billion available for facility repair and modernization and enhancing energy efficiency in the American Recovery and Reinvestment Act of 2009.

***ARMY***

***Steam Line Replacement, Pine Bluff Arsenal, AR – Estimated cost of this project is \$20.9 million.***

Description: This project provides infrastructure, to include demolition and remediation, to accommodate replacement of a central heat plant with a distributed systems with boilers and air compressors located closer to loads. It provides for electric and gas metering to all production area buildings that currently use steam. Project includes re-roofing buildings in production area with energy efficient insulated metal roofs.

***Barracks Renovation Bldg B2832, Fort Benning, GA - Estimated cost of this project is \$9.8 million.***

Description: This project corrects life, health, and safety issues. It repairs the existing fire alarm system to meet current installation standards. It repairs damaged ceiling suspension systems and acoustical tiles throughout the building. The project renovates existing lighting, windows, doors and latrines, bringing them to current energy and anti-terrorism, force protection standards. It also replaces damaged floor tile.

***Repair Interior/Exterior Barracks Bldg 216, Fort Riley, KS – Estimated cost of this project is \$8.0 million.***

Description: This project is a total renovation of an existing barracks to the Army's 1+1 standard. The project will repair, by replacement, building systems to include heating, ventilation, air conditioning, electrical, lighting, plumbing and fire protection. The work will include bringing the building up to current anti-terrorism and force protection standards. Renovation will include seismic considerations. This facility may be used to house soldiers redeploying from Iraq or Afghanistan.

***Corporal Gordon M. Craig Army Reserve Center Full Facility Restoration, Brockton, MA – Estimated cost of this project is \$12.2 million.***

Description: Project will repair the entire Reserve Center. The work will include replacing the roof, boiler, windows, exterior doors, flooring, ceilings, and lights. All interior walls and exterior metal will be replaced and/or restored. Restrooms/locker rooms will be renovated to include toilet partitions, lavatories and fixtures. The parking lot and road will be repaved. Any life safety code corrections to meet the existing occupancy requirements will be included.

***Training Barracks Repair and Upgrade Program Bldg 816, Fort Leonard Wood, MO - Estimated cost of this project is \$10.2 million.***

Description: This project repairs existing rolling pin barracks to meet current training barracks standards. It corrects life, health, and safety issues and includes major exterior and interior renovations. The project will repair, by replacement, building utility systems. It will add square footage for administrative and storage space.

***Training Barracks Repair and Upgrade Program Bldg 817, Fort Leonard Wood, MO - Estimated cost of this project is \$10.2 million.***

Description: This project repairs existing rolling pin barracks to meet current training barracks standards. It corrects life, health, and safety issues and includes major exterior and interior renovations. The project will repair, by replacement, building utility systems. It will add square footage for administrative and storage space.

***Training Barracks Repair and Upgrade Program Bldg 818, Fort Leonard Wood, MO - Estimated cost of this project is \$10.2 million.***

Description: This project repairs existing rolling pin barracks to meet current training barracks standards. It corrects life, health, and safety issues and includes major exterior



and interior renovations. The project will repair, by replacement, building utility systems. It will add square footage for administrative and storage space.

***Training Barracks Repair and Upgrade Program Bldg 1028, Fort Leonard Wood, MO - Estimated cost of this project is \$10.2 million.***

Description: This project repairs existing rolling pin barracks to meet current training barracks standards. It corrects life, health, and safety issues and includes major exterior and interior renovations. The project will repair, by replacement, building utility systems. It will add square footage for administrative and storage space.

***Repair Substation (Brown Feeder Repairs), Fort Buchanan, PR, – Estimated cost of this project is \$8.5 million.***

Description: Project will replace the existing failing primary electrical substation into Fort Buchanan. The existing substation has reached the end of its useful life and replacement is required. The replacement of the substation will ensure adequate power is provided to the installation. If the project is not provided, loss of power is imminent and the Army's ability to train is adversely affected.

***East Hopkins AFRC Full Facility Restoration, Providence, RI – Estimated cost of this project is \$12.0 million.***

Description: Project will repair the entire reserve center. The work will include replacing the roof, boiler, windows, exterior doors, flooring, ceilings, and lights. All interior walls and exterior metal will be replaced and/or restored. Restrooms/locker rooms will be renovated to include toilet partitions, lavatories and fixtures. The parking lot and road will be repaved. Any life safety code corrections to meet the existing occupancy requirements will be included.

***Repair DPT Training Facility, Fort Lewis, WA – Estimated cost of this project is \$14.5 million.***

Description: This project corrects building life, health, safety issues such as falling plaster, mold, asbestos and bat guano. It repairs the building's roof, windows, gutters, front porch and rafters, removes and replaces interior finishes such as floor tile and ceiling plaster. In addition, it re-points the existing chimney and screens all exterior exhaust fans. It renovates the 3rd floor of the building by adding classrooms.

***Tacoma Pier Facility Phase 2, Tacoma, WA - Estimated cost of this project is \$16.0 million.***

Description: This project will replace 50 percent of the pier supporting piles and decking to restore the structural capacity of the pier. The fender system, mooring hardware and pier supports will be replaced. The pier is currently used to support the Army Reserve boat mission. Loss of available berths for docking ships will have a detrimental effect on the Army's ability to train, which compromises Army's readiness.

***Whole Facility Renovation, Block 1700, Barracks, Fort McCoy, WI – Estimated cost of this project is \$14.1 million.***

Description: This project is a total renovation of the existing barracks, dining and administrative buildings in the 1700 Block of the Fort McCoy cantonment area. The project will repair, by replacement, building systems to include heating, ventilation, electrical, lighting, plumbing, and fire protection. The work will include bringing the building up to current life safety standards. These facilities are used to support annual training and mobilization requirements.

## NAVY

The following list of projects and their descriptions constitute the balance of the Navy's 10 U.S.C. 2811 notification requirements:

***Whole Bachelor Quarters Modernization, Buildings 14 & 15, Naval Air Station Lemoore, CA – Estimated cost of this project is \$11.3 million.***

Description: This project will renovate the building to meet the current Bachelor Housing Standard. The project will repair by replacement, several buildings systems to include heating, ventilation, air conditioning, electrical, lighting, plumbing, and fire protection. Work will include bringing the building up to the current energy, anti-terrorism force protection, fire, life and safety codes and requirements. The project will also provide general quality of life repairs to bathroom and kitchen renovations, painting, and flooring replacement.

***Whole Bachelor Quarters Modernization, Building 783, Naval Base Coronado, CA – Estimated cost of this project is \$13.0 million.***

Description: This project repairs the 252 room Bachelor Enlisted Quarters. Repairs will include the complete replacement of the building's plumbing systems, abatement of mold

which has become a major health concern in the building and will also provide for the replacement of inoperable elevators, electrical repairs, and general quality of life repairs to include flooring replacement, painting, and bathroom renovations.

***Whole Bachelor Quarters Modernization, Building 787, Naval Base Coronado, CA – Estimated cost of this project is \$13.0 million.***

Description: This project repairs the 252 room Bachelor Enlisted Quarters. Repairs will include the complete replacement of the building's plumbing systems, abatement of mold which has become a major health concern in the building and will also provide for the replacement of inoperable elevators, electrical repairs, and general quality of life repairs to include flooring replacement, painting, and bathroom renovations.

***Whole Bachelor Quarters Modernization, Angelley Hall, Building 3204, Naval Base San Diego, CA – Estimated cost of this project is \$11.6 million.***

Description: This project will repair the bachelor quarters to comply with current bachelor housing standards and will bring the building up to current building and life safety fire codes. The project will provide replace the plumbing systems as well as built-up roof, doors, heating/ventilation systems, and windows. The project will also provide general quality of life repairs to include flooring replacement, painting, and bathroom renovations. The project will also help to meet water use reduction goals by replacing the interior courtyard's landscaping with drought tolerant plants that meet the Naval Base's Smart Landscaping Master Plan.

***Advance Meter Installation, Navy Region Southwest California Installations – Estimated cost of this project is \$24.8 million.***

Description: This project provides for the installation of Advance Metering Infrastructure throughout Navy Region Southwest's California installations. The project installs electric meters, gas meters, water meters, steam meters, and shadow metering for all incoming utilities, as well as National Electrical Manufacturing Association (NEMA) Type 3R metering enclosures, instrument transformers, test switches, fuse blocks, and remote-communications. The electric meters shall meet all requirements in the latest version of the Unified Facility Guide Specifications (UFGS) for Electrical metering and the government preferred communication method. The gas, water, and steam meters shall be installed according to UFGS for Gas Metering, UFGS for Water Metering, and UFGS for Steam Metering. All meters installed shall be compatible with the installed Data Acquisition System (DAS).

***Install Photovoltaic Systems, Navy Region Southwest California Installations – Estimated cost of this project is \$31.8 million.***

Description: This project will install building integrated photovoltaic, renewable energy systems on rooftops of various facilities at Naval installations in California. The renewable energy systems will connect to the low voltage side of the building transformer, and does not include energy storage. The project will include real time metering, compatible with, and reporting to the installation's Advanced Metering Information system. If this project is not provided, progress toward the Energy Usage Reduction Goal of EISA 2007 will be slowed. This project will reduce the overall recurring utility costs in Navy shore facilities.

***Repair and Modernize Administrative Building 1500, Naval Air Station Pensacola, FL – Estimated cost of this project is \$11.4 million.***

Description: This project will repair interior building system deficiencies to provide an adequate, efficiently configured administrative space for Naval Air Station Pensacola. The work includes repair and replacement of HVAC, electrical, plumbing, and fire protection systems, repair of the ceiling, fire sprinkler and flooding damage to the building caused by Hurricane Ivan. The building has been vacated due to numerous safety and health hazards related to friable asbestos, flaking lead paint and mold since the Hurricane.

***Advance Meter Installation, Navy Region Southeast Florida Installations – Estimated cost of this project is \$19.9 million.***

Description: This project provides for the installation of Advance Metering Infrastructure throughout Navy Region Southeast's Florida installations. The project installs electric meters, gas meters, water meters, steam meters, and shadow metering for all incoming utilities, as well as National Electrical Manufacturing Association (NEMA) Type 3R metering enclosures, instrument transformers, test switches, fuse blocks, and remote-communications. The electric meters shall meet all requirements in the latest version of the Unified Facility Guide Specifications (UFGS) for Electrical Metering and the government preferred communication method. The gas, water, and steam meters shall be installed according to UFGS for Gas Metering, UFGS for Water Metering, and UFGS for Steam Metering. All meters

***Install Photovoltaic Systems, Navy Region Southeast Florida Installations – Estimated cost of this project is \$34.7 million.***

Description: This project will install building integrated photovoltaic, renewable energy systems on rooftops of various facilities at Naval installations in Florida. The renewable energy systems will connect to the low voltage side of the building transformer, and does not include energy storage. The project will include real time metering, compatible with, and reporting to the installation's Advanced Metering Information system. If this project is not provided, progress toward the Energy Usage Reduction Goal of EISA 2007 will be slowed. This project will reduce the overall recurring utility costs in Navy shore facilities.

***Repair Wharf B4 and Pier B5, Naval Station, Pearl Harbor, HI - Estimated cost of the project is \$16.6 million.***

Description: This project will provide repairs to the pier supporting piles and wharf superstructure to restore the structural capacity. The fender system, mooring hardware will be replaced and wharf/pier supports under crane travel paths will be repaired to support crane operations. The project includes the replacement of the salt water system at B4 and removal of the salt water system at B5, as well as electrical, telecommunications and lighting repairs. Pier B4 and Wharf B5 are currently used for ship repair. If the project is not provided, loss of available berths for repairing ships will have a detrimental effect on Pearl Harbor's ability to support the Pacific Fleet and compromise the Fleet's readiness.

***Install Photovoltaic Systems, Naval Station, Pearl Harbor, HI – Estimated cost of this project is \$32.6 million.***

Description: This project will install building integrated photovoltaic, renewable energy systems on rooftops of various facilities. The renewable energy systems will connect to the low voltage side of the building transformer, and does not include energy storage. The project will include real time metering, compatible with, and reporting to the installation's Advanced Metering Information system. If this project is not provided, progress toward the Energy Usage Reduction Goal of Energy Independence and Security Act (EISA) 2007 will be slowed. This project will reduce the overall recurring utility costs in Navy shore facilities.

***Repair and Replace Airfield Lighting, Belle Chase, New Orleans, LA- Estimated cost of this project is \$12.5 million.***

Description: This project will replace runway lights, guidance signs, and taxiway lights, transformers/pads, electrical conduits and circuits, handholds, vaults, helipad light system and wind socks for the two runways at the Naval Air Station. Work also includes repaving

shoulders on Runway 4-22, Runway 14-32, Taxiways A, B, J, and K, along with re-grading the adjacent shoulder areas to provide positive drainage runoff and minor drainage repairs to the existing storm sewer system. If this project is not provided, runways and taxiways will continue to have serious deficiencies and may become a safety hazard to pilots on this facility.

***Whole Galley Renovation King Hall, U.S. Naval Academy, Annapolis, MD – Estimated cost of this project is \$50.9 million.***

Description: This project provides complete repair and restoration of the existing galley spaces dedicated to providing food service to the Naval Academy's Brigade of Midshipmen. Work will include replacement of deteriorated finishes, replacement of the heating, ventilation, and air conditioning (HVAC) system, and replacement of the electrical distribution system. In the process of repair, non load-bearing walls and partitions will be reconfigured to improve operational flow. The restoration project will provide a modern kitchen needed to feed the 4,500- member Brigade, and eliminate numerous health, safety and sanitation discrepancies.

***Advance Meter Installation, Navy Region Southeast Mississippi Installations – Estimated cost of this project is \$8.5 million.***

Description: This project provides for the installation of Advance Metering Infrastructure throughout Navy Region Southeast's Mississippi installations. The project installs electric meters, gas meters, water meters, steam meters, and shadow metering for all incoming utilities, as well as National Electrical Manufacturing Association (NEMA) Type 3R metering enclosures, instrument transformers, test switches, fuse blocks, and remote-communications. The electric meters shall meet all requirements in the latest version of the Unified Facility Guide Specifications (UFGS) for Electrical Metering and the government preferred communication method. The gas, water, and steam meters shall be installed according to UFGS for Gas Metering, UFGS for Water Metering, and UFGS for Steam Metering. All meters

***Install Photovoltaic Systems, Navy Region Southeast Mississippi Installations – Estimated cost of this project is \$13.8 million.***

Description: This project will install building integrated photovoltaic, renewable energy systems on rooftops of various facilities at Naval installations in Mississippi. The renewable energy systems will connect to the low voltage side of the building transformer, and does not include energy storage. The project will include real time metering, compatible with, and reporting to the installation's Advanced Metering Information

system. If this project is not provided, progress toward the Energy Usage Reduction Goal of EISA 2007 will be slowed. This project will reduce the overall recurring utility costs in Navy shore facilities.

***Whole Navy Operational Support Center Facility Modernization, Greensboro, NC – Estimated cost of this project is \$7.5 million.***

Description: Project will perform repairs to the whole reserve center; the work will include replacing the roof, boiler, windows, exterior doors, flooring, ceilings, and lights. All interior walls and exterior metal will be primed and painted. Restrooms/locker rooms will be renovated to include toilet partitions, lavatories, fixtures, and titles. The roof on the garage will be replaced and the parking lot and road will be repaved. Any life safety code corrections to meet the existing occupancy requirements will be included.

***Whole Navy Operational Support Center Facility Modernization, Charlotte, NC – Estimated cost of this project is \$8.0 million.***

Description: Project will perform repairs to the whole reserve center; the work will include replacing the roof, boiler, windows, exterior doors, flooring, ceilings, and lights. All interior walls and exterior metal will be primed and painted. Restrooms/locker rooms will be renovated to include toilet partitions, lavatories, fixtures, and titles. Overhead doors in room 195 will be demolished; the opening will be infilled with brick. The parking lot and road will be repaved. Any life safety code corrections to meet the existing occupancy requirements will be included.

***Geothermal Energy Development, Naval Air Station Fallon, NV – Estimated cost of this project is \$9.1 million.***

Description: This project will conduct additional geothermal exploration at Naval Air Station Fallon. The intent is to drill eight additional test wells, enhance the three dimensional subsurface picture, collect thermal gradient data in each test well, and refine estimates of the geothermal reservoir and resource production potential. This data will be used to define the capacity of a geothermal power plant which will be designed to capitalize on energy converted from hot water and steam found underground. This project will provide the data necessary to properly design and construct a geothermal power plant supporting the Energy Policy Act (EPA) of 2005 and National Defense Authorization Act of 2007 objectives.

***Repair Runway 13L/31R, Naval Air Station Corpus Christi, TX – Estimated cost of this project is \$7.7 million.***

Description: This project repairs Runway 13L/31R which includes milling of pavement, leveling, repairing of base cracking and spalling, installation of reinforcing fabric and 2.5” Hot-Mixed Asphalt Concrete overlay. Work also includes markings and striping. If Runway repairs are not completed, it will become inoperable and will result in reduction of flight training capacity.

***Advance Meter Installation, Navy Region Southeast Texas Installations – Estimated cost of this project is \$8.5 million.***

Description: This project provides for the installation of Advance Metering Infrastructure throughout Navy Region Southeast’s Texas installations. The project installs electric meters, gas meters, water meters, steam meters, and shadow metering for all incoming utilities, as well as National Electrical Manufacturing Association (NEMA) Type 3R metering enclosures, instrument transformers, test switches, fuse blocks, and remote-communications. The electric meters shall meet all requirements in the latest version of the Unified Facility Guide Specifications (UFGS) for Electrical Metering and the government preferred communication method. The gas, water, and steam meters shall be installed according to UFGS for Gas Metering, UFGS for Water Metering, and UFGS for Steam Metering. All meters

***Install Photovoltaic Systems, Navy Region Southeast Texas Installations – Estimated cost of this project is \$20.8 million.***

Description: This project will install building integrated photovoltaic, renewable energy systems on rooftops of various facilities at Naval installations in Texas. The renewable energy systems will connect to the low voltage side of the building transformer, and does not include energy storage. The project will include real time metering, compatible with, and reporting to the installation’s Advanced Metering Information system. If this project is not provided, progress toward the Energy Usage Reduction Goal of EISA 2007 will be slowed. This project will reduce the overall recurring utility costs in Navy shore facilities.

***Repair Aircraft Parking Aprons, Landing Plane and Landing Field Areas, Naval Station Norfolk, Norfolk, VA – Estimated cost of this project is \$43.6 million.***

Description: This project will repair the aircraft parking apron landing field (LF) and land Plane (LP) areas. Specifically the project will clean and seal joints in the LP area. Replace sections of the South Mat Area (SMA)-section 1-5; sections of the South Peripheral



Taxiway (SPT-3) and the Compass Calibration Pad (CCP-1B). The project will, resurface and apply fuel resistant seal coat to Section Red Label Area (RLA-1), and seal cracks and apply seal coat to Section RLA-2. The project will also repave portions of Sections Helo Pad Alpha (HPA1-1), HPA1-2, and HPA2-1 on the landing field. Any painting and stripping removed during the repair process will be replaced.

***Advance Meter Installation, Navy Region Northwest Washington State Installations – Estimated cost of this project is \$33.9 million.***

Description: This project provides for the installation of Advance Metering Infrastructure throughout Navy Region Northwest’s Washington State installations. The project installs electric meters, gas meters, water meters, steam meters, and shadow metering for all incoming utilities, as well as National Electrical Manufacturing Association (NEMA) Type 3R metering enclosures, instrument transformers, test switches, fuse blocks, and remote-communications. The electric meters shall meet all requirements in the latest version of the Unified Facility Guide Specifications (UFGS) for Electrical Metering and the government preferred communication method. The gas, water, and steam meters shall be installed according to UFGS for Gas Metering, UFGS for Water Metering, and UFGS for Steam Metering. All meters installed shall be compatible with the installed Data Acquisition System (DAS).

## **MARINE CORPS**

***Repair Boilers, Various Facilities, Miramar, CA - Estimated cost of this project is \$7.7 million.***

Description: This project repairs boilers and hot water systems in the 6000 area, and repairs boiler units in the 7000, 8000, and 9000 areas.

***Repair HVAC/Mechanical/Electrical/Roofs and Windows, Various Administrative Facilities, New River, NC - Estimated cost of this project is \$8.7 million.***

Description: This project repairs exteriors and interiors of Buildings AS4157, AS4158, AS4106, AS3905, and AS705.

***Repair HVAC/Mechanical/Electrical/Roofs and Windows, Various Administrative Facilities, New River, NC - Estimated cost of this project is \$21.3 million.***

Description: This project accomplishes major repairs to exterior and interior of Buildings 118, 205, 213, 312, 313, and 417.

## AIR FORCE

***Inspect Above Ground Storage Tanks for AFRES, AFSPC, ANG, and PACAF, Various Locations – Estimated cost of this project is \$8.4 million.***

Description: A&E services to conduct the Above-ground Storage Tank (AST) inspections using steel tank institute standards to meet 40 CFR 112 requirements. Services include inspection of shop-built ASTs greater than 55 gallons and less than 50,000 gallons subject to compliance with Clean Water Act Spill Prevention Control and Countermeasures Plans at Air Force installations. 40 CFR 112 requires that all shop-built ASTs be inspected compared to an industry standard (See Federal Register dated 17 Jul 2002). On 10 May 07 the U.S. EPA amended deadline to 1 Jul 09.

***Repair Airfield Pavement, Eareckson Air Station, AK – Estimated cost of this project is \$16.4 million.***

Description: Repair the pavements by overlay, section replacement, and surface rejuvenation as conditions warrant at runway, taxiways B, C, and M, and aircraft parking aprons. Repair base materials as needed and restripe all pavements. Replace wiring and lights on taxiways and ramps

***Replace Electrical Supply With Solar Array, USAF Academy, CO – Estimated cost of this project is \$18.3 million.***

Description: Install solar array to reduce dependence on commercial electrical supply. The Energy Policy Act of 2005 committed the Federal government to increase its use of renewable energy. Specifically, 3% of the total energy consumption in 2007 – 2009 must come from renewable sources; 5% in 2010 – 2012; and 7.5% in 2013 and beyond. In addition, EPACT 2005 also mandated energy conservation goals. The Federal government was required to cut its energy intensity (BTU/ft<sup>2</sup>) 20% by 2015 as measured from a 2003 baseline. Executive Order (EO) 13423, issued in 2006, went even farther by increasing the requirement to 30percentage. Furthermore, EO 13423 required ½ of the renewable consumption to come from “new” renewable sources built after 1 January 1999.

***Repair Fitness Center, Building 1120, Hickam AFB, HI – Estimated cost of this project is \$9.7 million.***

Description: Complete renovation of fitness center locker room area with new functional layout and replacement of plumbing systems, flooring, ceilings, showers, toilets, sinks, installation of fire suppression, and upgrades to mechanical, electrical and hot water

systems. Provide structural fixes to comply with UFC 3-310-04 for existing structures. Non-historic add-on to building will be removed and area will be restored to pre add-on site conditions. Complete renovation of locker room area of fitness center to meet current Air Force standards. Hickam Air Force Base requires an adequate and functional physical fitness complex to eliminate the infrastructure problems and overcrowding in the existing fitness center, and to provide comprehensive and balanced programs for daily recreational sports, athletic events, cardio/aerobic training, and strength training. Facility is required to support year-round unit and individual physical fitness programs to support and improve the fitness of base personnel and their families. Facility must be capable of meeting the training and testing requirements of the Air Force Chief of Staff's "Fit to Fight" program. This is a major personnel quality of force and retention requirement.

***Repair HQ Building 1102 (HQ PACAF) - PH 1, Hickam AFB, HI – Estimated cost of this project is \$31.5 million.***

Description: All work necessary to bring building PACAF Head quarters building #1102 up to compliance with Life Safety Codes to include fire detection, alarm, and prevention systems, establishment of areas of refuge, and meeting egress requirements. Repair work will meet accessibility requirements of the Americans with Disability Act and the Rehabilitation Act for building occupants and visitors, including those who come to see the historic building. Work includes widening some access ways, installation of elevator(s), proper signage, and ensuring restrooms are accessible. Phase 1 includes all work necessary to repair portions of Bldg 1102 to be occupied by HQ 13 Air Force (Total area is ~121,000 GSF). This repair will facilitate move of HQ 13 AF from their current temporary, leased facility into Bldg 1102 saving \$1.6M annually.

## ***DEFENSE-WIDE***

***Modernize Outpatient Clinic Spaces – Beale Air Force Base, CA - Estimated cost of this project is \$8.3 million.***

Description: This project renovates the clinic to consolidate outlying functions from six modular buildings. Renovations include modern, efficient space for logistics, information technology, command, immunizations, physical therapy, patient administration, and dental. The project also upgrades the building exterior envelope and entrances.

***Repair Nutrition Care Division, Building 7500, Fort Carson, CO – Estimated cost of this project is \$11.6 million.***

Description: This project will repair the Nutrition Care Division that is located inside of Building 7500, Evans Community Hospital, Fort Carson, CO. A significant number of infrastructure systems in various areas within the Division have failed to include the kitchen, serving area, and dining areas.

***Modernize Outpatient Clinical Spaces – Dover Air Force Base, Dover, DE – Estimated cost of this project is \$15.2 million.***

Description: This project renovates the 50-year old clinic originally designed as a hospital to provide a modern efficient outpatient clinic. The project will renovate areas for operational medicine, pediatrics, immunizations, internal medicine, women's health, family practice, physical therapy, aerospace medicine, mental health, ancillary services and support functions. The HVAC systems will be upgraded throughout the facility to include direct digital controls and energy efficient variable air volume terminals. The project will also install an automatic fire sprinkler system throughout the facility.

***Modernize Inpatient Floors for Outpatient Clinics – Patrick Air Force Base, FL - Estimated cost of this project is \$15.2 million.***

Description: This project renovates the 40-year old main medical clinic that was originally designed as a hospital, and will transform former patient bedrooms and operating and inpatient areas into functional outpatient and support spaces. The project will provide a modern, efficient building for primary care, aerospace medicine, immunizations, pediatrics, physical therapy, optometry, ancillary care, and administration. The project will replace and update the legacy mechanical, electrical and plumbing systems, designed for 24-hour a day inpatient facility operations, which are inefficient, costly to maintain, and have aged to a point that they cause frequent outages and require emergency repairs. An automatic fire sprinkler system will be installed through out the building.

***Repair Cast Iron Pipes Building 00300, Fort Gordon, GA – Estimated cost of this project is \$14.2 million.***

Description: This project repairs by replacement all vertical and horizontal cast iron piping in Building 300 of Eisenhower Army Medical Center.

***Modernize 3rd Floor Utilities - Center for Health Promotion & Preventive Medicine, Aberdeen Proving Grounds, MD – Estimated cost of this project is \$15.8 million.***

Description: This project will modernize the third floor utilities of the Center for Health Promotion and Preventive Medicine so that they meet current standards. The original electrical, mechanical, ventilation, plumbing, and control systems were installed in 1967, and are now either failing or have failed.

***Repair Fire Alarm Systems, Bethesda National Naval Medical Center, Bethesda, MD – Estimated cost of this project is \$10 million.***

Description: This project repairs the fire alarm system for the National Naval Medical Center is outdated, and in need of significant repair. Some elements will also be replaced. This project is unrelated to BRAC actions.

***Modernize Spaces for Clinical Use Ehrling Bergquist Medical Clinic – Offutt Air Force Base, NE - Estimated cost of this project is \$16.3 million.***

Description: This project reconfigures and renovates portions of the Ehrling Bergquist Medical/Dental clinic, which was built in 1965 as a hospital, to accommodate outpatient clinical, ancillary, support, and administrative functions in accordance with DoD medical space planning criteria. The project will upgrade utility, building, and communications infrastructure, and include ATRP upgrades in affected areas.

***Modernize Outpatient Clinical Spaces – Ellsworth Air Force Base, SD – Estimated cost of this project is \$13.3 million.***

Description: This project reconfigures and renovates portions of the first floor, completely renovates the second floor, and decommissions the third floor. The project will accommodate outpatient clinical, ancillary, support, and administrative functions in accordance with DoD medical space planning criteria. The project also will upgrade utilities, building, and communications infrastructure, and will include ATRP upgrades in the areas affected by functional upgrades.

***Modernize Outpatient Clinics in Hospital – Langley Air Force Base, VA - Estimated cost of this project is \$26.1 million.***

Description: This project renovates the existing hospital to accommodate the growing mission requirements, and consolidates 90% of medical assets on the medical campus.

This renovation will furnish adequate space for 27 departments and clinics, and ancillary services to include Radiology, Laboratory, Pharmacy, Emergency Department, and Oral Surgery. This project will enable the aforementioned services to accommodate the increased workload demand brought by the completed MILCON hospital addition. Major infrastructure systems that are past their usable lives will be upgraded to include electrical distribution, fire alarm and building envelope.

***Repair HVAC system, chillers and controls in Hospital - Langley Air Force Base, VA - Estimated cost of this project is \$8.6 million.***

Description: This hospital was built in 1963, and the heating, ventilation & air conditioning systems are now past their useful lives. The age and condition of these systems cause system outages affecting the delivery of health care. The system is also energy inefficient. These repairs will improve the system dependability and energy efficiency.

***Replace Roof and Repair Exterior of Medical Admin Building 3, Portsmouth Naval Medical Center, Portsmouth, VA – Estimated cost of this project is \$29 million.***

Description: This project will replace the roof and repair the exterior of Medical Treatment Facility Building Number 3. This is an older building that was not replaced when other buildings on the installation were ten years ago.

## **PART 2 – Projects Previously Notified**

The Department of the Navy and the Department of the Air Force have already made Section 2811 of Title 10, United States Code, notifications for the projects in the following table:

Department	Installation/Location	State	Project Title	Cost Estimate (\$000)	Date 10 U.S.C. 2811 Notification Provided
Navy	Naval Station San Diego	CA	Repair and Modernize Littoral Combat Ship Squadron Building 55	15,000	16-Jan-09
Navy	Naval Station Pearl Harbor	HI	Repair Wharf S1	20,591	7-Jan-09
Navy	Pacific Missile Range Facility Hawaiian Area	HI	Repair Pavement, Runway 16-34	31,500	18-Dec-08
Navy	Naval Air Station Patuxent River	MD	Hangar 110 Modernization	17,000	21-Feb-07
Navy	Naval Air Station Oceana	VA	Repair Runway 5R/23L	26,220	18-Jun-08
Navy	Naval Support Activity Norfolk	VA	Modernize Central HVAC Plant	8,541	14-Jan-09
Air Force	Air National Guard, Savannah International Airport	GA	Repair Combat Readiness Training Center (CRTC) Ramp, Ph 2 & 3	8,000	31-Jul-08

**Enclosure 4**



**Congressional Notification under Title 10 U.S.C. 2914  
Energy Conservation Investment Program**

Pursuant to Section 2914 of Title 10, United States Code, the Department of Defense intends to proceed with the Energy Conservation Investment Program (ECIP) projects shown below. These projects will be constructed using the \$120 million available for ECIP under the Military Construction, Defense-Wide heading in the American Recovery and Reinvestment Act of 2009. The list contains 45 projects selected from the list of candidate projects submitted by the Defense Components.

<b>Installation/Location</b>	<b>State</b>	<b>Project Title</b>	<b>Estimated Cost (\$000)</b>	<b>SIR*</b>	<b>Payback (Years)</b>
<b>ARMY</b>			<b>32,411</b>	<b>2.08</b>	<b>5.47</b>
Fort Wainwright	AK	Facility Energy Improvements	1,950	4.63	3.16
Fort Wainwright	AK	Wind Turbine & Photovoltaic Panels	1,500	2.00	6.90
Iowa AAP	IA	Ground Source Heat Pumps & Photovoltaic for Bldg 100-101	590	1.60	9.35
Fort Campbell	KY	Replace Air Conditioner with Ground Source Heat Pump, Efficient Boilers	1,015	1.56	9.00
Fort Knox	KY	Barracks Ground Source Heat Pumps, Phase 5	3,450	1.50	10.10
Fort Knox	KY	Barracks Ground Source Heat Pumps, Phase 6	3,400	1.50	10.10
Fort Bragg	NC	Install Energy Management and Control System	1,000	1.67	4.40
Sea Girt	NJ	Install 1.5 MW Wind Turbine	4,996	1.80	6.73
White Sands MR	NM	Install Direct Digital Controls	990	3.41	4.70
Hawthorne AD	NV	Geothermal Test Wells, Phase 2	3,000	0.00	0.00
Fort Drum	NY	Install Solar Walls, Energy Improvements	1,600	2.28	5.80
Fort Sill	OK	Solar Water Preheater	310	2.35	8.32
Fort Hood	TX	Install 8,000 Motion Sensors	1,450	5.72	2.02
Tooele AD	UT	Solar Walls on 14 Buildings	800	1.43	8.10
Fort Lee	VA	High Efficiency Lighting (Phase 3)	2,750	3.37	3.26

Installation/Location	State	Project Title	Estimated Cost (\$000)	SIR*	Payback (Years)
Fort Lee	VA	High Efficiency Lighting (Phase 3)	1,416	3.85	2.94
Various		Planning & Design - Army ECIP	2,194		

**NAVY**

**29,518**

**1.18**

**12.09**

Naval Air Warfare Center China Lake	CA	Photovoltaic System	2,473	1.01	13.15
Naval Air Warfare Center China Lake	CA	Photovoltaic System	2,616	1.01	13.14
Naval Surface Warfare Center China Lake	CA	Photovoltaic System	1,646	1.01	13.15
Naval Base Coronado	CA	Photovoltaic System	1,903	1.00	14.34
Naval Base San Diego	CA	Photovoltaic System	1,903	1.00	14.34
Naval Base Ventura County	CA	Wind Turbine Generation	4,242	1.92	7.78
Naval Weapon Station Seal Beach	CA	Photovoltaic System	2,421	1.00	14.10
SPAWAR San Diego	CA	Photovoltaic System	4,405	1.03	13.04
SPAWAR San Diego	CA	Photovoltaic System	4,405	1.03	13.04
Naval Air Station Oceana	VA	Solar Ventilation Preheat	825	1.05	12.96
Naval Station Norfolk	VA	Solar & Lighting	1,022	1.63	9.20
Naval Shipyard Norfolk	VA	Solar & Lighting	1,257	1.62	9.29
Various		Planning & Design - Navy ECIP	400		

**MARINE CORPS**

**37,678**

**1.53**

**10.78**

MCAGCC 29 Palms	CA	Photovoltaic System	4,834	1.00	13.95
MCAS Camp Pendleton	CA	Photovoltaic System	1,166	1.05	13.28
MCAS Miramar	CA	Facility Energy Improvements	7,230	1.49	8.57
MCAS Miramar	CA	Photovoltaic System	2,295	1.38	10.23
MCB Camp Pendleton	CA	Photovoltaic System	3,278	1.05	13.46
MCLB Barstow	CA	Facility Energy Improvements	10,759	2.13	10.69
MCRD San Diego	CA	Photovoltaic System	5,506	1.04	12.52
MCAS Cherry Point	NC	Solar Training Pool	727	1.17	12.64

Installation/Location	State	Project Title	Estimated Cost (\$000)	SIR*	Payback (Years)
MCAS Cherry Point	NC	Facility Energy Improvements	408	11.96	1.18
Various		Planning & Design - USMC ECIP	1,475		
<b>AIR FORCE</b>			<b>17,174</b>	<b>1.62</b>	<b>9.23</b>
Cape Lisburne Long Range Radar Site	AK	Construct Wind Generators	4,700	1.57	9.15
Cape Newenham Long Range Radar Site	AK	Construct Wind Generators	4,700	1.57	9.15
Cape Romanzof Long Range Radar Site	AK	Construct Wind Generators	4,700	1.57	9.15
Minot AFB	ND	Repair Missile Alert Facility HVAC System (Heat Pumps)	3,074	1.87	9.20
<b>DEFENSE-WIDE</b>			<b>3,219</b>	<b>2.29</b>	<b>9.16</b>
USAF Academy Commissary (DeCA)	CO	Energy Conservation Upgrades	110	4.50	2.70
DDJC Tracy (DLA)	CA	Upgrade to Lighting in Warehouses 30, 56 and 57	820	3.10	4.00
DSCC Columbus (DLA)	OH	Upgrades to Warehouse Lighting and Steam Distribution System	1,000	1.30	11.20
Fort George G. Meade (NSA)	MD	Burgin Building Energy Savings Project	1,289	2.36	11.40
<b>DoD TOTAL:</b>			<b>120,000</b>	<b>1.63</b>	<b>9.4</b>

\* SIR – Savings to Investment Ratio