



NATIONAL GUARD BUREAU
111 SOUTH GEORGE MASON DRIVE
ARLINGTON VA 22204-1373

ARNG-ILI-R

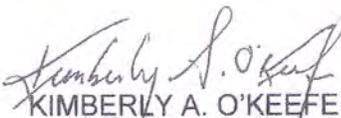
DEC 09 2013

MEMORANDUM FOR THE CONSTRUCTION AND FACILITIES MANAGEMENT
OFFICER, WAARNG, BUILDING 36, CAMP MURRAY, WA 98430-5000

SUBJECT: National Guard Readiness Center, Camp Murray, Tacoma, WA; PN 530035;
FY13 Military Construction ARNG

1. Reference memorandum ARNG-ILI-R, 2 Jul 13, subject: National Guard Readiness Center, Buckley, WA; PN 530035; FY13 Military Construction ARNG.
2. This revised Design Authorization Memo (DA Memo) supersedes any previously issued Design Authorization Memo. This revision corrects project site location from Buckley to Camp Murray due to the GeoTech Survey discovering unsuitable soils and historic artifact contamination at the proposed project site in Buckley WA. ILI has begun the process of requesting authority to relocate the project to Camp Murray.
3. The enclosed DD Forms 1390/91 dated 23 Oct 13 (Rev) for the subject facility have been reviewed and approved. These documents show an estimated construction cost of \$27,862,000; \$1,393,000 for Contingency; \$1,668,000 for Supervision, Inspection, and Overhead; \$1,170,000 for Design Build; and \$125,000 for Commissioning. The total estimated project cost is \$32,218,000, total State share is \$6,218,000 with a total federal cost of \$26,000,000 and the total approved scope for this project is 97,513 square feet.
4. The point of contact is MAJ Joseph Fassacesia, Programming Officer, Resource Management Branch, at DSN 327-7918, 703-607-7918, or Joseph.Fassacesia.mil@mail.mil.

Encl
as


KIMBERLY A. O'KEEFE
Colonel, EN
Installations Division Chief

CF:
TAG, WA (w/o encl)
USPFO-WA (w/o encl)
ARNG-ILI-C (MAJ Davis)

1. COMPONENT ARNG	FY 2013 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 08 May 13 22 Oct 13 (Rev)																																													
3. INSTALLATION AND LOCATION CAMP MURRAY, TACOMA, WA			4. AREA CONSTR COST INDEX 1.08																																													
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3. INSTALLATION AND LOCATION CAMP MURRAY, TACOMA, WA			4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 84652 530035		8. PROJECT COST (\$000) 26,000
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES:			-	-	20871
Readiness Center		SF	80,701	218.61	(17642)
Unheated Storage Building		SF	362	137.26	(50)
Controlled Waste Facility		SF	300	120.17	(36)
Flammable Materials Facility		SF	150	229.48	(34)
Unheated Encl/Shed-TP Vhcl Strg		SF	16,000	123.97	(1984)
Backup/Emergency Generator		EA	1	151,000.00	(151)
Rigid Pavement for MEP		SY	7,473	75.00	(560)
Sustainability / Energy Measures		LS	-	-	(414)
SUPPORTING FACILITIES:			-	-	6991
Rigid Concrete Paving		SY	9,310	75.00	(698)
Flexible Paving		SY	12,099	49.00	(593)
Security Fencing		LF	1,768	36.00	(64)
Curbing (Rigid)		SY	2,013	30.00	(60)
Sidewalks		SY	1,577	48.00	(76)
Exterior Security Lighting		LS	-	-	(210)
Loading Ramp		LS	-	-	(61)
Detached Facility Sign		EA	1	5,000.00	(5)
Exterior Fire Protection		LS	-	-	(210)
Utilities:Gas		LS	-	-	(210)
Utilities:Electric		LS	-	-	(210)
Utilities: Water		LS	-	-	(210)
Utilities: Waste Water/Sewer		LS	-	-	(210)
Flagpoles		EA	2	8,700.00	(17)
Stormwater Drainage		LS	-	-	(400)
Refuse Collection Facility		EA	1	50,000.00	(50)
Information Systems		LS	-	-	(77)
Gross Excise Taxes		LS	-	-	(2470)
Site Improvement		LS	-	-	(1057)
Anti-Terrorism/Force Protection		LS	-	-	(103)

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10. DESCRIPTION OF PROPOSED CONSTRUCTION A specially designed National Guard Readiness Center, an unheated storage building and a hazardous waste storage building of permanent construction. This facility will be designed to meet all local, state, and federal building codes. Construction will include all utility service, information systems, fire detection and alarm systems, roads, walks, curbs, gutter, storm drainage, parking areas for 306 privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Access for individuals with disabilities will be provided. Antiterrorism Measures are to be included in accordance with the DOD Minimum Antiterrorism requirements. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 99,610 SQFT. This project will include all supporting facilities as per block #9 page 1, on this document. MISSION: Current A/C TONNAGE: 269																																											
11. REQUIREMENT: 97,513 SF Adequate: 0 SF Substandard: 0 SF 9,059 m2 0 m2 0 m2 1. PROJECT: To construct a 97,513 SQFT National Guard Readiness Center Complex that supports training, administrative, and logistical requirements for the WAARNG. This facility will be built on State land. (Current Mission).																																											

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3. INSTALLATION AND LOCATION CAMP MURRAY, TACOMA, WA		
4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	5. PROJECT NUMBER 84652 530035	
<p>2. REQUIREMENT: This facility is designed to meet DA directed MTOE changes for the listed units authorized by total authorized strength of soldiers, within the transformed force structure of the Washington Army National Guard (WAARNG), to address facility shortages and inadequacies as defined in the ISR-I. Unit with the facility by UIC and name, MOTE used, and auth strength.</p> <p>-WTDXAA, 951 SUPPORT MAINT CO, MTOE 43480FNG05 with auth strength 182 soldiers, -WYQ0A1, CO A DET 1 BN MI BN, (LINGUIST), MTOE # 34505ANG04 with auth strength 40 soldiers, -WPYFAA, CO ORD CO, EOD, MTOE 09447GNG01 with auth strength 44 soldiers -WPSNAA, (HHD, ORD BN (EOD)), MTOE # 09446GNG03 with auth strength 37 soldiers, -W79AAA, 96th TROOP CMD, MTOE # NGW79AAA with auth strength 36 soldiers</p> <p>No other adequate facilities are available to support these units. The new National Guard Readiness Center will provide the required space for administrative, training, logistical and other functions of the units.</p> <p>3. CURRENT SITUATION: The current Tacoma facility (Site Code 53B75) due to recent storm events has suffered significant structural damage. All Soldiers have been moved out of this facility for Life, Health and Safety reasons. The current facility built in 1902 has an 2011 ISR score of F4, Q4, C4(Black), with significant Life, Health and Safety issues based on an NGB funded environmental survey, and other structural surveys. One survey found it has a severe microbiological contamination due to sewer and water damage and observed black mold. Other surveys document water stains from structural leaking throughout the building. The armory's compromised condition, configuration and quality of space is no longer safe for occupancy, and no longer supports the units' missions and detracts from overall unit readiness. The existing facility also has significant environmental concerns due to outdated and deteriorating building systems and presence of asbestos and lead paint. Expansion/Reconstruction on site is not possible due to the absence of available land adjacent the site. There is no Privately Owned Vehicle or Military Vehicle parking space at or around the facility. Renovation of the site is cost prohibitive due to excessive age, structural damage and substantial changes in criteria, ATFP standards</p>		

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<p>and sustainable design directives. These concerns along with existing sewer problems, and observed black mold create an unhealthy work environment with potential for near term and chronic health impacts on assigned soldiers leading to diminished readiness and the potential of future claims against the government brought about by continued exposure to known carcinogens and health degrading substances.</p> <p>4. IMPACT IF NOT PROVIDED: If not funded and approved, soldiers will continue to struggle to meet readiness and training directives required, along with traveling to distant armories to execute their mission. The State will continue to pay higher utility and sustainment costs associated with operating buildings that have exceeded their useful life and whose components and building systems are continuing to fail. It is estimated that it will cost \$18 to \$20 Million dollars to bring the current building just into code compliance and to structurally upgrade the building to mitigate its condition, and it will still fail DoD minimum ATPF mandates and standards. If new construction is not funded or approved there will still be no organizational and personal parking available to utilize. Further, the lack of organizational space will continue to hamper the units readiness and training.</p> <p>5. ADDITIONAL: Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 11988, and 11990 and other applicable laws and Executive Orders. This project complies with the scope and design criteria of National Guard Pamphlet 415-12 dated 01 June 2011.</p> <p>6. PHYSICAL SECURITY: This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p>7. ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p>8. ECONOMIC ANALYSIS: Alternative methods of meeting this requirement have been explored during project development. This project is the</p>		

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3. INSTALLATION AND LOCATION
CAMP MURRAY, TACOMA, WA

4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	5. PROJECT NUMBER 84652 530035
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only feasible option to meet the requirement.

9. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

16 December 2013

Date

Bret D. Daugherty

Bret D. Daugherty
Major General
The Adjutant General

AT/FP POC: Ms. K Frinell/(253) 512-8159

CFMO: COL (WA) Michael Weitzel/(253) 512-8486

12. SUPPLEMENTAL DATA

a. Estimated design data :

(1) Status:

(a) Date Design Started.....Jun/2013
 (b) Percent Complete as of January 2012.....0%
 (c) Date Design 35% Complete.....Sep/2013
 (d) Date Design Complete.....Dec/2013
 (e) Parametric Cost Estimating Used to Develop Cost.....No
 (f) Type of Design Contract.....Design - Build

(g) An energy study and life cycle cost analysis will be documented during final design

(2) Basis:

(a) Standard or Definitive Design.....No
 (b) Where Design Was Most Recently Used.....N/A
 (3) Total Cost (c)=(a)+(b) or (d)+(e):.....(\$000)
 (a) Production of Plans and Specifications.....0
 (b) All Other Design Costs.....947
 (c) Total.....947
 (d) Contract.....947
 (e) In-house.....0

(4) Construction Award.....Sep/2014

(5) Construction Start.....Dec/2014

(6) Construction Completion.....Dec/2016

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<p>12. SUPPLEMENTAL DATA (CONT)</p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1" data-bbox="180 625 1459 1018"> <thead> <tr> <th style="text-align: center;"><u>Equipment Nomenclature</u></th> <th style="text-align: center;"><u>Procuring Appropriation</u></th> <th style="text-align: center;"><u>Fiscal Year Appropriated or Requested</u></th> <th style="text-align: center;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Art Work (State Propoent)</td> <td>State</td> <td>2016</td> <td>215</td> </tr> <tr> <td>Kitchen Equipment "Type C"</td> <td>OMNG</td> <td>2016</td> <td>50</td> </tr> <tr> <td>F F & E</td> <td>OMNG</td> <td>2016</td> <td>1,300</td> </tr> <tr> <td>ESS (171R)</td> <td>OPA</td> <td>2016</td> <td>52</td> </tr> <tr> <td>ESS for SIPRNET Room</td> <td>OMNG</td> <td>2016</td> <td>10</td> </tr> <tr> <td>ISC Equipment</td> <td>OPA</td> <td>2016</td> <td>617</td> </tr> <tr> <td>ISCE Proponent</td> <td>OMNG</td> <td>2016</td> <td>115</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td style="border-top: 1px solid black;">2359</td> </tr> </tbody> </table> <p>Point of Contact: CFMO WA, 253-512-8709</p>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>	Art Work (State Propoent)	State	2016	215	Kitchen Equipment "Type C"	OMNG	2016	50	F F & E	OMNG	2016	1,300	ESS (171R)	OPA	2016	52	ESS for SIPRNET Room	OMNG	2016	10	ISC Equipment	OPA	2016	617	ISCE Proponent	OMNG	2016	115	Total:			2359
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3. INSTALLATION AND LOCATION

CAMP MURRAY, TACOMA, WA

4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	5. PROJECT NUMBER 84652 530035
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Detailed Requirement Statements

1. GENERAL: All units to be assigned to this facility are coming out of the same facility being disposed of. This project constructs a specially designed Readiness Center of permanent construction. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Access for individuals with disabilities will be provided. Antiterrorism Measures are to be included in accordance with the DOD Minimum Antiterrorism mandates.
2. ANALYSIS OF DEFICIENCY: The current Tacoma facility (Site Code 53B75) has a 2011 ISR score of F4, Q4, C4 (Black), with significant Life, Health and Safety issues based on an NGB funded environmental survey, and other structural surveys, and has been closed to use. Engineering surveys and inspections have found significant damage to the foundations, walls and substructure of the facility. The facility has also suffered extreme water damage due to significant storms as well as earthquake damage, backed up sewer problems, and observed black mold that have resulted in the closing of the facility and re-stationing of Soldiers for the reasons stated above. The existing facility also has significant environmental concerns due to outdated and deteriorating building systems and presence of asbestos and lead paint. There is no Privately Owned Vehicle or Military Vehicle parking space at or around the facility.
3. ANALYSIS OF CRITERIA AND EXCEPTIONS FOR NEW CONSTRUCTION: The size and capacity is in accordance with NG Pam 415-12, dated 1 June 2011. The workload has been adequately defined. A definitive design is being used for this project because of the unique areas authorized for the assigned units.

Exceptions to Criteria: None

4. STATEMENT OF PROGRAM RELATED EQUIPMENT: Kitchen equipment, FF&E, ESS, ISCE (Data & Telcom) will be requested in Fiscal Year 2016.
5. DISPOSITION OF PRESENT ACCOMMODATIONS: This project is in compliance with the Stewart B. McKinney Homeless Assistance Act and does not include the disposal of a building eligible for or on the National Register of Historic Places.

Site Code	FACNO	Cat Code	Title	SF	Disposition	Cost (\$000)
53B75	01	17180	Readiness Cen	99610	Turn over to State	0

1. COMPONENT ARNG	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 08 May 13 22 Oct 13 (Rev)
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3. INSTALLATION AND LOCATION

CAMP MURRAY, TACOMA, WA

4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	5. PROJECT NUMBER 84652 530035
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Detailed Requirement Statements

6. CONTRIBUTIONS TO READINESS: a. How will readiness be enhanced by construction of this project? This project is required to house the units from the existing closed and damaged facility. This project will provide training and operational spaces that are free from contaminants and hazardous materials and other Life, Health and Safety issues, compared to the 102 year old facility it will replace. In addition it will boost unit morale and provide a more conducive training environment for the Soldiers.

b. How will readiness be impaired by deferring this project to a future program year?
The current facility is uninhabitable due to structural damage, and Life, Health and Safety issues such as water intrusion, sewer backup and the resultant mold and fungus growth as well as asbestos contamination. Delaying this project will continue to force soldiers into other facilities further cramping the spaces that exist for the other units, and degrading training and operations of all the units involved. It will also continually increase the replacement cost of the old facility in current dollars and continue to drive unit morale downward.

c. Why does this project contribute more than another project?
This project increase the readiness of the units, and will replace the closed and damaged 102 year old Armory with a modern facility that will over time save taxpayer funds compared to continually repairing and mitigating problems in the old facility. This project provides desperately needed Soldier training and unit operational spaces that will definitely increase training performance and unit morale. It also provides the ability to reduce future operating costs by utilizing modern technology to be more cost efficient in terms of energy usage and management.

7. CLEAN AIR ACT: This project will comply with air permitting and other procedural requirements mandated by State and Federal agencies.

8. TELECOMMUNICATIONS: All telecommunications have been planned as per ISCE program/documentation and have been uploaded to Tab F of the DD1391 Processor (PAX).

9. ECONOMIC ANALYSIS: Documentation for an Economic Analysis conducted using ECONPAC software has been uploaded into TAB-D in PAX.

1. COMPONENT ARNG	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 08 May 13 22 Oct 13 (Rev)
3. INSTALLATION AND LOCATION CAMP MURRAY, TACOMA, WA		
4. PROJECT TITLE NATIONAL GUARD READINESS CENTER	5. PROJECT NUMBER 84652 530035	
<p>10. ANTITERRORISM/FORCE PROTECTION: a) A risk analysis for this project has been conducted on 21 Aug 2012 and coordinated with the installation AT/FP plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively.</p> <p>b) A threat analysis for this project has been conducted on 21 Aug 2012 and coordinated with the installation physical security plan.</p> <p>c) The building design is to comply with standard design requirements per UFC 4-010-01 for Antiterrorism/Force Protection measures.</p> <p>d) This project is to be constructed within a Non-Controlled Perimeter.</p> <p>e) This project meets conventional standoff as per UFC 4-010-01.</p> <p>f) This project will be less than three stories of construction.</p>		

Project Number : 530035
Project Title : NATIONAL GUARD READINESS CENTER
FACID : 53555

Project Validation

The Reserve manpower potential to meet and maintain authorized strengths of all Reserve units in the area in which this facility is to be located has been reviewed in accordance with DOD Directive 1225.7. It has been determined, in coordination with all other Services having Reserve units in the area, that the number of units of the Reserve components of the Armed Forces presently located in the area and those which have been allocated to the area for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength.

The proposed project is in compliance with the following acts, executive orders, laws, and rules:

NATIONAL ENVIRONMENTAL POLICY ACT: Project has been analyzed for potential environmental impact in accordance with Environmental Analysis of Army Actions (32 CFR Part 651).

SUSTAINABILITY: The design and execution of this project, where appropriate, will comply with Executive Orders (EOs) 13423 and 13514 with respect to reduction/elimination of hazardous materials and incorporation of sustainability and green building principles.

COASTAL ZONE PLAN: In accordance with the provisions of Section 102(2)(c) of the National Environmental Policy Act of 1969, the project has been reviewed, and it is determined to be in compliance with the State's Coastal Zone Plan.

ENDANGERED SPECIES ACT: Project must include a review of threatened and endangered species in accordance with Section 7 of the Endangered Species Act (ESA), 50 CFR 402.

FALLOUT PROTECTION: In accordance with Section 601 of Public Law 89-568, as amended, the design of this project has been prepared to maximize fallout protection. Fallout shelters have been excluded from any structure only for the following reason: (1) Adequate protection areas are available to fulfill a station's requirements; (2) The presence of personnel during a period of fallout radiation would impair facility operations; or (3) Economic limitations necessitated either deferral or accomplishment by some other means.

FLOOD HAZARD: Project has been evaluated for flood hazards in compliance with Executive Order 11988, and the facility is not sited in an area known to be subjected to flooding.

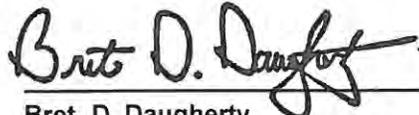
DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL: In accordance with Public Law 90-480, provisions for the physically handicapped personnel will be provided for, where appropriate, in the design of the facility.

VENDING FACILITIES FOR THE BLIND: Project has been evaluated for the provision of vending facilities to be operated by blind persons in compliance with DHEW Rule, 45 CFR-1369, and the State Licensing Board has not sanctioned operation of a blind vending concession at the proposed location.

NATIONAL HISTORIC PRESERVATION ACT OF 1966: This action has the potential to cause adverse effects to historic properties and tribal resources. The State ARNG will consult with the State Historic Preservation Officer (SHPO) and North American Tribes under NHPA prior to project initiation to determine the presence/absence of historic properties that might be adversely affected.

ENVIRONMENTAL CONDITION OF PROPERTY (ECOP): ECOP analysis is required for this project per the requirements of AR 200-1 (Chapter 15-6) and applicable ASTM standards.

AT/FP POC: Ms. K Frinell
AT/FP Phone: 253-512-8159-null


Bret D. Daugherty
Major General
The Adjutant General
Date: 06 December 2013

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Project Summary Information

Project Number	530035	Sponsoring Agency	WA
Project Title	NATIONAL GUARD READINESS CENTER		
Unit of Measure	English	State Facility Review Board:	
Preparation Date	08-MAY-13	Recommendation	Modernization
Last Revision Date	23-OCT-13	Date of Recommendation	06-JUN-13

Site Summary Information

Site Identifier: 53555
 Site Name: CAMP MURRAY
 Address:
 Street: BLDG 1 MILITIA DRIVE
 City and Zip: TACOMA, 98430-5136

Pattern of Facility Usage

Administration 5 days/week, with 2-day training assembly 2-3 times/month.

Reservist Weekends/Month	1	Winter Design Temperature	15
		Average Annual Snowfall	28

Projects Requested In this Program

Cat Code	Project Title	Scope (SF)	Cost (\$000)	Design Start	Design End	
17180	NATIONAL GUARD READINESS CENTER	97513	26000	01-JUN-13	01-DEC-13	2018

Additional Projects Planned in Next Four Years

PROJNO	Cat Code	Project Title	Scope (SF)	Cost (\$000)	FY
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No future projects identified.

Nearest Five Military Installations

Component	DoD Activity	Location	Distance			
USA	Fort Lewis, WA	0	Base	99999999	SF	0
USAF	McChord AFB, WA	0	Base	99999999	SF	0
ARNG	Tacoma, WA	20	Readiness Center	99000	SF	1901

Unit Summary Information

UIC	Reserve Strength			Full-Time Strength		
	Officers	WOF	Enlisted	Officers	Enlisted	Civ
W79AAA	14	4	18	8	12	0
WPSNAA	10	1	26	2	7	0
WPYFAA	5	0	39	0	2	0
WTDXAA	6	7	169	0	5	0
WYQ0A1	3	3	34	0	2	0
Totals	38	15	286	10	28	0

Real Property Configuration

Category	Description	Existing SF	Requested SF
171E	ARNG - Educational Facility	19259	0
171R	ARNG - Readiness Center	339670	52767
171T	ARNG - Training Center Facilities	42816	0

Basic Project Data - Actual/ English

Project Number: 530035
Project Title: NATIONAL GUARD READINESS CENTER
Date: Oct 23, 2013
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214L	ARNG - Surface Equipment Maintenance Facility	40700	0
442	ARNG - Warehouse	132334	0
INFO	ARNG - Information Systems Worksheet	0	72365.32
OTH	Other Building	234389	0
PFO	ARNG - USPFO	23300	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Basic Information Report (Units)

General Information

Field	Value	Field	Value
UIC	W79AAA	Last Updated	18-SEP-13
Unit Name	(TRP TROOP CMD)		
Parent UIC	W79AAA	MTOE/TDA Markup Status	
Unit Type	TDA OTHER	Source	ASIP
SRC		Status	M
DRC	ARNG	Admin Allowance	Troop Command
Field Agency	WA	Unit Level	BDE
FACID	53130	Facility City, State	SEATTLE, WA
Strength Count Ind	C	Strength Count Ind (Project)	R

Related Units

UIC	Unit Name	Type
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No maintenance shop units related to this unit.

Documentation Info

Configuration

Field	Value
Drill Weekend	1
Drill Weekend (Project)	PE
Auth Level of Org (AOL)	0

Force Program Action

Field	Value
Effective Date	01-SEP-14
Action Code	U

Mission Space Allowances

Field	Value	Field	Value
Unit Supply (ARNG & USAR)	0	Public Affairs Office (ARNG)	0
COMSEC (USAR)	0	Soil Testing Lab (USAR)	0
NG Weather Flight (ARNG)	0	Photo Lab (USAR)	0
Individual Weapons (USAR)	1	SCIF (USAR)	0
Maint Office (ARNG & USAR)	0	Medical Section (ARNG & USAR)	0
Band Room (ARNG & USAR)	0	Army Advisors Office (ARNG)	0
Weapons Simulator Rm (USAR)	0	Personnel Services CO/SCTN (ARNG)	0
Physical Exam Wing (ARNG & USAR)	0	State HQ (ARNG)	0
Physical Exams Per Yr. (ARNG)	0	State HQ Military Record Archive (ARNG)	0
Flight Eye Exam Room (ARNG)	0		

Strength Info

Reserve Personnel

Type Personnel	Officers	WOF	Enlisted	Total
Required	14	4	18	36
Authorized	14	4	18	36
Assigned	15	3	17	35
TAPDB-R	12	1	17	30

ASIP

FY-Type	Officers	WOF	Enlisted	Total	DA Civ	Oth Civ
2013-DWS			18	36	0	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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2013-DWS	14	4	18	36	0	0
2013-FTS	6	2	12	20	0	0
2014-DWS	14	4	18	36	0	0
2014-FTS	6	2	12	20	0	0
2015-DWS	14	4	18	36	0	0
2015-FTS	6	2	12	20	0	0
2016-DWS	14	4	18	36	0	0
2016-FTS	6	2	12	20	0	0
2017-DWS	14	4	18	36	0	0
2017-FTS	6	2	12	20	0	0
2018-DWS	14	4	18	36	0	0
2018-FTS	6	2	12	20	0	0
2019-DWS	14	4	18	36	0	0
2019-FTS	6	2	12	20	0	0

Full-Time Personnel

Type Personnel	Officers	Enlisted	Civilian
Authorized	8	12	0
Assigned	2	7	0

Special Space Requirements

Exclusive Space

Field	Value	Commanders	Value
General Officers *	0	LTC *	2
Principal Staff *	2	MAJ or Below *	1
Colonel *	1		

Common-Use Space

Reserve Personnel

Field	Value
Administrative *	8
Cooks	0
Auto/Eng Mechanics	0
Maint Admin Personnel	2
Aviation Crew	0
Draftpersons *	0

Full-Time Personnel

Field	Value
Administrative *	18
Supply *	2
Auto/Eng Mechanics	0
Maint Admin Personnel *	0
Aviation Crew	0
Total Admin Pstn Count *	36

Equipment Info

Surface Equipment

Type Equipment	Authorized	Actual
Wheeled	2	2
Tracked	0	0
Trailers	0	0
Equipment 30 FT	0	0
Fuel Truck	0	0
HET	0	0

Special Equipment

Basic Project Data - Actual/ English

Project Number: 530035
Project Title: NATIONAL GUARD READINESS CENTER
Date: Oct 23, 2013
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Field	Value	Field	Value
Combat Vehicles (incl M2/M3s)	0	Missile Systems	0
M2/M3 Bradley	0	M1 Battle Tank Maint Req	0

Non-Vehicle Storage Metric

Field	Value
Equipment Cubage	4602

Aircraft

Type Aircraft	Authorized	Actual	Type Aircraft	Authorized	Actual
C-12D/F/R	0	0	OH-58D	0	0
C12J	0	0	AH-64	0	0
C-23	0	0	UH-60	0	0
C-26	0	0	UH-72A	0	0
UC-35	0	0	CH-47	0	0
OH-58	0	0			

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Basic Information Report (Units)

General Information

Field	Value	Field	Value
UIC	WPSNAA	Last Updated	18-SEP-13
Unit Name	(HHD , ORD BN (EOD))		
Parent UIC	WPSNAA	MTOE/TDA Markup Status	
Unit Type	MTOE	Source	ASIP
SRC	09446R000100	Status	M
DRC	ARNG	Admin Allowance	Battalion HQ (HHC or HHD)
Field Agency	WA	Unit Level	BN
FACID	53B75	Facility City, State	TACOMA, WA
Strength Count Ind	C	Strength Count Ind (Project)	

Related Units

UIC	Unit Name	Type
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No maintenance shop units related to this unit.

Documentation Info

Configuration

Field	Value
Drill Weekend	1
Drill Weekend (Project)	1.
Auth Level of Org (AOL)	0

Force Program Action

Field	Value
Effective Date	01-SEP-15
Action Code	U

Mission Space Allowances

Field	Value	Field	Value
Unit Supply (ARNG & USAR)	0	Public Affairs Office (ARNG)	0
COMSEC (USAR)	0	Soil Testing Lab (USAR)	0
NG Weather Flight (ARNG)	0	Photo Lab (USAR)	0
Individual Weapons (USAR)	1	SCIF (USAR)	0
Maint Office (ARNG & USAR)	0	Medical Section (ARNG & USAR)	0
Band Room (ARNG & USAR)	0	Army Advisors Office (ARNG)	0
Weapons Simulator Rm (USAR)	0	Personnel Services CO/SCTN (ARNG)	0
Physical Exam Wing (ARNG & USAR)	0	State HQ (ARNG)	0
Physical Exams Per Yr. (ARNG)	0	State HQ Military Record Archive (ARNG)	0
Flight Eye Exam Room (ARNG)	0		

Strength Info

Reserve Personnel

Type Personnel	Officers	WOF	Enlisted	Total
Required	10	1	26	37
Authorized	10	1	26	37
Assigned	11	1	28	40
TAPDB-R	8	1	31	40

ASIP

FY-Type	Officers	WOF	Enlisted	Total	DA Civ	Oth Civ
2013-DWS			26	37	0	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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2013-DWS	10	1	26	37	0	0
2013-FTS	2	0	7	9	0	0
2014-DWS	10	1	26	37	0	0
2014-FTS	2	0	7	9	0	0
2015-DWS	10	1	26	37	0	0
2015-FTS	2	0	7	9	0	0
2016-DWS	10	1	26	37	0	0
2016-FTS	2	0	7	9	0	0
2017-DWS	10	1	26	37	0	0
2017-FTS	2	0	7	9	0	0
2018-DWS	10	1	26	37	0	0
2018-FTS	2	0	7	9	0	0
2019-DWS	10	1	26	37	0	0
2019-FTS	2	0	7	9	0	0

Full-Time Personnel

Type Personnel	Officers	Enlisted	Civilian
Authorized	2	7	0
Assigned	2	3	0

Special Space Requirements

Exclusive Space

Field	Value	Commanders	Value
General Officers *	0	LTC *	1
Principal Staff *	4	MAJ or Below *	1
Colonel *	0		

Common-Use Space

Reserve Personnel

Field	Value
Administrative *	14
Cooks	1
Auto/Eng Mechanics	1
Maint Admin Personnel	0
Aviation Crew	0
Draftpersons *	0

Full-Time Personnel

Field	Value
Administrative *	7
Supply *	2
Auto/Eng Mechanics	0
Maint Admin Personnel *	0
Aviation Crew	0
Total Admin Pstn Count *	29

Equipment Info

Surface Equipment

Type Equipment	Authorized	Actual
Wheeled	13	13
Tracked	0	0
Trailers	5	5
Equipment 30 FT	0	0
Fuel Truck	0	0
HET	0	0

Special Equipment

Basic Project Data - Actual/ English

Project Number: 530035

Project Title: NATIONAL GUARD READINESS CENTER

Date: Oct 23, 2013

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Field	Value	Field	Value
Combat Vehicles (incl M2/M3s)	0	Missile Systems	0
M2/M3 Bradley	0	M1 Battle Tank Maint Req	0

Non-Vehicle Storage Metric

Field	Value
Equipment Cubage	392

Aircraft

Type Aircraft	Authorized	Actual	Type Aircraft	Authorized	Actual
C-12D/F/R	0	0	OH-58D	0	0
C12J	0	0	AH-64	0	0
C-23	0	0	UH-60	0	0
C-26	0	0	UH-72A	0	0
UC-35	0	0	CH-47	0	0
OH-58	0	0			

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Basic Information Report (Units)

General Information

Field	Value	Field	Value
UIC	WPYFAA	Last Updated	28-AUG-13
Unit Name	(CO ORD CO, EOD (RECAP))		
Parent UIC	WPYFAA	MTOE/TDA Markup Status	
Unit Type	MTOE	Source	ASIP
SRC	09440R000100	Status	M
DRC	ARNG	Admin Allowance	None
Field Agency	WA	Unit Level	CO
FACID	53B75	Facility City, State	TACOMA, WA
Strength Count Ind	C	Strength Count Ind (Project)	

Related Units

UIC	Unit Name	Type
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No maintenance shop units related to this unit.

Documentation Info

Configuration

Field	Value
Drill Weekend	1
Drill Weekend (Project)	1.
Auth Level of Org (AOL)	0

Force Program Action

Field	Value
Effective Date	01-SEP-15
Action Code	U

Mission Space Allowances

Field	Value	Field	Value
Unit Supply (ARNG & USAR)	0	Public Affairs Office (ARNG)	0
COMSEC (USAR)	0	Soil Testing Lab (USAR)	0
NG Weather Flight (ARNG)	0	Photo Lab (USAR)	0
Individual Weapons (USAR)	1	SCIF (USAR)	0
Maint Office (ARNG & USAR)	0	Medical Section (ARNG & USAR)	0
Band Room (ARNG & USAR)	0	Army Advisors Office (ARNG)	0
Weapons Simulator Rm (USAR)	0	Personnel Services CO/SCTN (ARNG)	0
Physical Exam Wing (ARNG & USAR)	0	State HQ (ARNG)	0
Physical Exams Per Yr. (ARNG)	0	State HQ Military Record Archive (ARNG)	0
Flight Eye Exam Room (ARNG)	0		

Strength Info

Reserve Personnel

Type Personnel	Officers	WOF	Enlisted	Total
Required	5	0	39	44
Authorized	5	0	39	44
Assigned	2	0	30	32
TAPDB-R	7	0	33	40

ASIP

FY-Type	Officers	WOF	Enlisted	Total	DA Civ	Oth Civ
2013-DWS			39	44	0	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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2013-DWS	5	0	39	44	0	0
2013-FTS	0	0	3	3	0	0
2014-DWS	5	0	39	44	0	0
2014-FTS	0	0	3	3	0	0
2015-DWS	5	0	39	44	0	0
2015-FTS	0	0	3	3	0	0
2016-DWS	5	0	39	44	0	0
2016-FTS	0	0	3	3	0	0
2017-DWS	5	0	39	44	0	0
2017-FTS	0	0	3	3	0	0
2018-DWS	5	0	39	44	0	0
2018-FTS	0	0	3	3	0	0
2019-DWS	5	0	39	44	0	0
2019-FTS	0	0	3	3	0	0

Full-Time Personnel

Type Personnel	Officers	Enlisted	Civilian
Authorized	0	2	0
Assigned	0	2	0

Special Space Requirements

Exclusive Space

Field	Value	Commanders	Value
General Officers *	0	LTC *	0
Principal Staff *	1	MAJ or Below *	1
Colonel *	0		

Common-Use Space

Reserve Personnel

Field	Value
Administrative *	10
Cooks	0
Auto/Eng Mechanics	1
Maint Admin Personnel	0
Aviation Crew	0
Draftpersons *	0

Full-Time Personnel

Field	Value
Administrative *	1
Supply *	1
Auto/Eng Mechanics	0
Maint Admin Personnel *	0
Aviation Crew	0
Total Admin Pstn Count *	14

Equipment Info

Surface Equipment

Type Equipment	Authorized	Actual
Wheeled	15	15
Tracked	0	0
Trailers	9	9
Equipment 30 FT	0	0
Fuel Truck	0	0
HET	0	0

Special Equipment

Basic Project Data - Actual/ English

Project Number: 530035

Project Title: NATIONAL GUARD READINESS CENTER

Date: Oct 23, 2013

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Field	Value	Field	Value
Combat Vehicles (incl M2/M3s)	0	Missile Systems	0
M2/M3 Bradley	0	M1 Battle Tank Maint Req	0

Non-Vehicle Storage Metric

Field	Value
Equipment Cubage	1047

Aircraft

Type Aircraft	Authorized	Actual	Type Aircraft	Authorized	Actual
C-12D/F/R	0	0	OH-58D	0	0
C12J	0	0	AH-64	0	0
C-23	0	0	UH-60	0	0
C-26	0	0	UH-72A	0	0
UC-35	0	0	CH-47	0	0
OH-58	0	0			

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Basic Information Report (Units)

General Information

Field	Value	Field	Value
UIC	WTDXAA	Last Updated	28-AUG-13
Unit Name	(CO SPT MAINT CO HQ)		
Parent UIC	WTDXAA	MTOE/TDA Markup Status	
Unit Type	MTOE	Source	ASIP
SRC	43429R000100	Status	M
DRC	ARNG	Admin Allowance	None
Field Agency	WA	Unit Level	CO
FACID	53555	Facility City, State	TACOMA, WA
Strength Count Ind	C	Strength Count Ind (Project)	

Related Units

UIC	Unit Name	Type
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No maintenance shop units related to this unit.

Documentation Info

Configuration

Field	Value
Drill Weekend	1
Drill Weekend (Project)	
Auth Level of Org (AOL)	0

Force Program Action

Field	Value
Effective Date	02-SEP-15
Action Code	C

Mission Space Allowances

Field	Value	Field	Value
Unit Supply (ARNG & USAR)	0	Public Affairs Office (ARNG)	0
COMSEC (USAR)	0	Soil Testing Lab (USAR)	0
NG Weather Flight (ARNG)	0	Photo Lab (USAR)	0
Individual Weapons (USAR)	1	SCIF (USAR)	0
Maint Office (ARNG & USAR)	1	Medical Section (ARNG & USAR)	0
Band Room (ARNG & USAR)	0	Army Advisors Office (ARNG)	0
Weapons Simulator Rm (USAR)	0	Personnel Services CO/SCTN (ARNG)	0
Physical Exam Wing (ARNG & USAR)	0	State HQ (ARNG)	0
Physical Exams Per Yr. (ARNG)	0	State HQ Military Record Archive (ARNG)	0
Flight Eye Exam Room (ARNG)	0		

Strength Info

Reserve Personnel

Type Personnel	Officers	WOF	Enlisted	Total
Required	6	7	169	182
Authorized	6	7	169	182
Assigned	4	3	172	179
TAPDB-R	8	4	158	170

ASIP

FY-Type	Officers	WOF	Enlisted	Total	DA Civ	Oth Civ
2013-DWS			169	182	0	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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2013-DWS	6	7	169	182	0	0
2013-FTS	0	0	4	4	0	0
2014-DWS	6	7	168	181	0	0
2014-FTS	0	0	4	4	0	0
2015-DWS	6	6	130	142	0	0
2015-FTS	0	0	4	4	0	0
2016-DWS	6	6	130	142	0	0
2016-FTS	0	0	4	4	0	0
2017-DWS	6	6	130	142	0	0
2017-FTS	0	0	4	4	0	0
2018-DWS	6	6	130	142	0	0
2018-FTS	0	0	4	4	0	0
2019-DWS	6	6	130	142	0	0
2019-FTS	0	0	4	4	0	0

Full-Time Personnel

Type Personnel	Officers	Enlisted	Civilian
Authorized	0	5	0
Assigned	0	4	0

Special Space Requirements

Exclusive Space

Field	Value	Commanders	Value
General Officers *	0	LTC *	0
Principal Staff *	0	MAJ or Below *	1
Colonel *	0		

Common-Use Space

Reserve Personnel

Field	Value
Administrative *	20
Cooks	5
Auto/Eng Mechanics	64
Maint Admin Personnel	35
Aviation Crew	0
Draftpersons *	0

Full-Time Personnel

Field	Value
Administrative *	3
Supply *	2
Auto/Eng Mechanics	0
Maint Admin Personnel *	0
Aviation Crew	0
Total Admin Pstn Count *	61

Equipment Info

Surface Equipment

Type Equipment	Authorized	Actual
Wheeled	51	51
Tracked	1	1
Trailers	50	50
Equipment 30 FT	19	19
Fuel Truck	1	1
HET	0	0

Special Equipment

Basic Project Data - Actual/ English

Project Number: 530035

Project Title: NATIONAL GUARD READINESS CENTER

Date: Oct 23, 2013

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Field	Value	Field	Value
Combat Vehicles (incl M2/M3s)	0	Missile Systems	0
M2/M3 Bradley	0	M1 Battle Tank Maint Req	0

Non-Vehicle Storage Metric

Field	Value
Equipment Cubage	0

Aircraft

Type Aircraft	Authorized	Actual	Type Aircraft	Authorized	Actual
C-12D/F/R	0	0	OH-58D	0	0
C12J	0	0	AH-64	0	0
C-23	0	0	UH-60	0	0
C-26	0	0	UH-72A	0	0
UC-35	0	0	CH-47	0	0
OH-58	0	0			

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
 Date: Oct 23, 2013
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Basic Information Report (Units)

General Information

Field	Value	Field	Value
UIC	WYQ0A1	Last Updated	14-AUG-13
Unit Name	CO A DET 1 (BN MI BN, LINGUIST (R)		
Parent UIC	WYQ0A0	MTOE/TDA Markup Status	
Unit Type	MTOE	Source	ASIP
SRC		Status	M
DRC	ARNG	Admin Allowance	None
Field Agency	WA	Unit Level	CO
FACID	53B00	Facility City, State	PORT ORCHARD, WA
Strength Count Ind	C	Strength Count Ind (Project)	

Related Units

UIC	Unit Name	Type
-----	-----------	------

No maintenance shop units related to this unit.

Documentation Info

Configuration

Field	Value
Drill Weekend	1
Drill Weekend (Project)	1.
Auth Level of Org (AOL)	0

Force Program Action

Field	Value
Effective Date	02-SEP-09
Action Code	A

Mission Space Allowances

Field	Value	Field	Value
Unit Supply (ARNG & USAR)	0	Public Affairs Office (ARNG)	0
COMSEC (USAR)	0	Soil Testing Lab (USAR)	0
NG Weather Flight (ARNG)	0	Photo Lab (USAR)	0
Individual Weapons (USAR)	1	SCIF (USAR)	0
Maint Office (ARNG & USAR)	0	Medical Section (ARNG & USAR)	0
Band Room (ARNG & USAR)	0	Army Advisors Office (ARNG)	0
Weapons Simulator Rm (USAR)	0	Personnel Services CO/SCTN (ARNG)	0
Physical Exam Wing (ARNG & USAR)	0	State HQ (ARNG)	0
Physical Exams Per Yr. (ARNG)	0	State HQ Military Record Archive (ARNG)	0
Flight Eye Exam Room (ARNG)	0		

Strength Info

Reserve Personnel

Type Personnel	Officers	WOF	Enlisted	Total
Required	3	3	34	40
Authorized	3	3	34	40
Assigned	8	3	29	40
TAPDB-R	5	2	35	42

ASIP

FY-Type	Officers	WOF	Enlisted	Total	DA Civ	Oth Civ
2013-DWS			34	40	0	0

Basic Project Data - Actual/ English

Project Number: 530035
 Project Title: NATIONAL GUARD READINESS CENTER
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2013-DWS	3	3	34	40	0	0
2013-FTS	0	0	1	1	0	0
2014-DWS	3	3	34	40	0	0
2014-FTS	0	0	1	1	0	0
2015-DWS	3	3	34	40	0	0
2015-FTS	0	0	1	1	0	0
2016-DWS	3	3	34	40	0	0
2016-FTS	0	0	1	1	0	0
2017-DWS	3	3	34	40	0	0
2017-FTS	0	0	1	1	0	0
2018-DWS	3	3	34	40	0	0
2018-FTS	0	0	1	1	0	0
2019-DWS	3	3	34	40	0	0
2019-FTS	0	0	1	1	0	0

Full-Time Personnel

Type Personnel	Officers	Enlisted	Civilian
Authorized	0	2	0
Assigned	0	0	0

Special Space Requirements

Exclusive Space

Field	Value	Commanders	Value
General Officers *	0	LTC *	0
Principal Staff *	2	MAJ or Below *	8
Colonel *	0		

Common-Use Space

Reserve Personnel

Field	Value
Administrative *	12
Cooks	0
Auto/Eng Mechanics	0
Maint Admin Personnel	0
Aviation Crew	0
Draftpersons *	0

Full-Time Personnel

Field	Value
Administrative *	1
Supply *	1
Auto/Eng Mechanics	0
Maint Admin Personnel *	0
Aviation Crew	0
Total Admin Pstn Count *	24

Equipment Info

Surface Equipment

Type Equipment	Authorized	Actual
Wheeled	2	2
Tracked	0	0
Trailers	1	1
Equipment 30 FT	0	0
Fuel Truck	0	0
HET	0	0

Special Equipment

Basic Project Data - Actual/ English

Project Number: 530035

Project Title: NATIONAL GUARD READINESS CENTER

Date: Oct 23, 2013

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Field	Value	Field	Value
Combat Vehicles (incl M2/M3s)	0	Missile Systems	0
M2/M3 Bradley	0	M1 Battle Tank Maint Req	0

Non-Vehicle Storage Metric

Field	Value
Equipment Cubage	678

Aircraft

Type Aircraft	Authorized	Actual	Type Aircraft	Authorized	Actual
C-12D/F/R	0	0	OH-58D	0	0
C12J	0	0	AH-64	0	0
C-23	0	0	UH-60	0	0
C-26	0	0	UH-72A	0	0
UC-35	0	0	CH-47	0	0
OH-58	0	0			

Project Number : 530035
Project Title : NATIONAL GUARD READINESS CENTER
Date : Oct 23, 2013

171R: ARNG - Readiness Center

Reviewer's Memo

Feedback/Recommendation:
Proponent:
Recommendation Date:
Documentation Reference:

B4I2 Office Space

Author's Memo

Reviewer's Memo

Feedback/Recommendation:
Proponent:
Recommendation Date:
Documentation Reference:

B7a

Author's Memo

2400 Justification: DA requirement for Bn size elements to have SIPRNET. Must be in a secure area meeting AR 380-5 Chapter 7 standards.
Proponent: DA
Recommendation Date: 05-Jun-2009
Documentation Reference: DD 1390/91 Workshop

Reviewer's Memo

Feedback/Recommendation:
Proponent:
Recommendation Date:
Documentation Reference:

B7b

Author's Memo

Project Number : 530035
Project Title : NATIONAL GUARD READINESS CENTER
Date: Oct 23, 2013

DD 1391 Cost Worksheet Memos Report

171R - ARNG - Readiness Center

Primary Facilities

Readiness Center

Author Memo

Justification: FY 2014 10 USC 2854 unit cost of \$226.60 per Sq ft, per Sq ft costs Min \$169.67 - Max \$244.16 according to UFC3-701-01 dated March 2011, Change 2, July 2012.

Proponent: UFC3-701-01 dated March 2011, Change 2, July 2012.

Recommendation Date: 28-Feb-13

Documentation Reference: UFC3-701-01 dated March 2011, Change 2, July 2012.

Reviewer Memo

Feedback/Recommendation:

Proponent:

Recommendation Date:

Documentation Reference:

Equipment

Art Work (State Propoent)

Author Memo

Justification: State Law requirement - State funded.

Proponent: State of Washington

Recommendation Date: 26-Nov-12

Documentation Reference:

Reviewer Memo

Feedback/Recommendation:

Proponent:

Recommendation Date:

Documentation Reference:

F F & E

Author Memo

Justification:

Proponent:

Recommendation Date: 23-Oct-12

Documentation Reference:

Reviewer Memo

1. COMPONENT ARNG	FY 2013 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 22 OCT 2013						
3. INSTALLATION AND LOCATION Camp Murray Tacoma, Washington		4. AREA CONSTRUCTION COST INDEX 1.08						
5. FREQUENCY AND TYPE OF UTILIZATION Administration 5 days/week, with 2-day training assembly 2-3 times/month.								
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS								
USA	Fort Lewis, WA	0.00 miles Base 9,290,300 m2 (99,999,999 SF)0						
USAF	McChord AFB, WA	0.00 miles Base 9,290,300 m2 (99,999,999 SF)0						
ARNG	Tacoma, WA	20.00 miles Readiness Center 9,197 m2 (99,000 SF) 1901						
7. PROJECTS REQUESTED IN THIS PROGRAM								
CATEGORY		COST						
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>DESIGN STATUS</u>						
<u>SCOPE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>						
17180	NATIONAL GUARD READINESS 9,059 m2 (97,513 SF)	26,000 JUN 2013 DEC 2013						
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION								
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		06 JUN 2013 (Date)						
9. LAND ACQUISITION REQUIRED								
None		0 (Number of acres)						
10. PROJECTS PLANNED IN NEXT FOUR YEARS								
CATEGORY		COST						
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>						
		<u>(\$000)</u>						
NONE								
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 14,331								
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.								
11. PERSONNEL STRENGTH AS OF 06 SEP 2013								
	PERMANENT					GUARD/RESERVE		
	TOTAL	OFFICER	ENLISTED	CIVILIAN		TOTAL	OFFICER	ENLISTED
AUTHORIZED	38	10	28	0	339	53	286	
ACTUAL	20	4	16	0	326	50	276	
12. RESERVE UNIT DATA								
				STRENGTH				
<u>UNIT DESIGNATION</u>	<u>UIC</u>	<u>TPSN</u>	<u>MTOE/TDA</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>			
(CO SPT MAINT CO HQ)	WTDXAA	34318	43480FNG05	182	179			
CO A DET 1 (BN MI BN, LINGUIST (R))	WYQ0A1	33404	34505ANG04	40	40			
(CO ORD CO, EOD (RECAP))	WPYFAA	30911	09447GNG01	44	32			
(HHD , ORD BN (EOD))	WPSNAA	30913	09446GNG03	37	40			
(TRP TROOP CMD)	W79AAA	46761	NGW79AAA	36	35			
				339	326			
Assigned/Authorized: 96%								

1. COMPONENT ARNG	FY 2013 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 22 OCT 2013
3. INSTALLATION AND LOCATION Camp Murray Tacoma, Washington		4. AREA CONSTRUCTION COST INDEX 1.08
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	83	83
TRAILERS	65	65
TRACKED	1	1
EQUIPMENT > 30 FT	19	19
Fuel Truck	1	1
HET	0	0
TOTALS	169	169
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1. COMPONENT ARNG		FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 OCT 2013	
3. INSTALLATION AND LOCATION Camp Murray Tacoma, Washington				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 84652 530035		8. PROJECT COST (\$000) Approp 26,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST(\$000)	
PRIMARY FACILITY					20,871	
Readiness Center		m2 (SF)	7,497 (80,701)	2,353	(17,642)	
Unheated Storage Building		m2 (SF)	33.63 (362)	1,477	(50)	
Controlled Waste Facility		m2 (SF)	27.87 (300)	1,294	(36)	
Flammable Materials Facility		m2 (SF)	13.94 (150)	2,469	(34)	
Unheated Encl/Shed-TP Vhcl Strg		m2 (SF)	1,486 (16,000)	1,334	(1,984)	
Total from Continuation page					(1,125)	
SUPPORTING FACILITIES					6,991	
Electric Service		LS	--	--	(210)	
Water, Sewer, Gas		LS	--	--	(630)	
Paving, Walks, Curbs And Gutters		LS	--	--	(1,427)	
Storm Drainage		LS	--	--	(400)	
Site Imp(1,057) Demo()		LS	--	--	(1,057)	
Information Systems		LS	--	--	(77)	
Antiterrorism Measures		LS	--	--	(377)	
Other		LS	--	--	(2,813)	
ESTIMATED CONTRACT COST					27,862	
CONTINGENCY (5.00%)					1,393	
SUBTOTAL					29,255	
SUPV, INSP & OVERHEAD (6.13%)					1,793	
DESIGN/BUILD-DESIGN COST (4.00%)					1,170	
TOTAL REQUEST					32,218	
State Share					6,218	
TOTAL FEDERAL REQUEST					26,000	
TOTAL FEDERAL REQUEST (ROUNDED)					26,000	
INSTALLED EQT-OTHER APPROP					(0)	
10. Description of Proposed Construction A specially designed National Guard Readiness Center, an unheated storage building and a hazardous waste storage building of permanent construction. This facility will be designed to meet all local, state, and federal building codes. Construction will include all utility service, information systems, fire detection and alarm systems, roads, walks, curbs, gutter, storm drainage, parking areas for 306 privately owned vehicles, and site improvements. Facilities will be designed to a minimum life of 50 years and energy efficiencies meeting, on average, American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) 189.1 standards through improved building envelope and integrated building systems performance. Access for individuals with disabilities will be provided. Antiterrorism Measures are to be included in accordance with the DOD Minimum Antiterrorism requirements. This project will comply with the Army 1 SQFT for 1 SQFT disposal policy through the disposal of 99,610 SQFT. This project will include all supporting facilities as per block #9 page 1, on this document. Demolish 1 building at Tacoma Readiness Center, WA (Total 9,254 m2/99,610 SF). Air Conditioning (Estimated 946 kW/269 Tons).						
11. REQ:		9,059 m2	ADQT:	NONE	SUBSTD:	NONE

1. COMPONENT ARNG		FY 2013 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 22 OCT 2013	
3. INSTALLATION AND LOCATION Camp Murray Tacoma, Washington				4. PROJECT TITLE NATIONAL GUARD READINESS CENTER		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 84652 530035		8. PROJECT COST (\$000) Approp 26,000	
<p><u>CURRENT SITUATION: (CONTINUED)</u> an unhealthy work environment with potential for near term and chronic health impacts on assigned soldiers leading to diminished readiness and the potential of future claims against the government brought about by continued exposure to known carcinogens and health degrading substances.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If not funded and approved, soldiers will continue to struggle to meet readiness and training directives required, along with traveling to distant armories to execute their mission. The State will continue to pay higher utility and sustainment costs associated with operating buildings that have exceeded their useful life and whose components and building systems are continuing to fail. It is estimated that it will cost \$18 to \$20 Million dollars to bring the current building just into code compliance and to structurally upgrade the building to mitigate its condition, and it will still fail DoD minimum ATPF mandates and standards. If new construction is not funded or approved there will still be no organizational and personal parking available to utilize. Further, the lack of organizational space will continue to hamper the units readiness and training.</p> <p><u>ADDITIONAL:</u> Sustainable principles will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 11988, and 11990 and other applicable laws and Executive Orders. This project complies with the scope and design criteria of National Guard Pamphlet 415-12 dated 01 June 2011.</p> <p><u>PHYSICAL SECURITY:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included.</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installation antiterrorism plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by UFC 4-010-01 (Department of Defense Minimum Antiterrorism Standards for Buildings) are needed. These requirements are included in the description of construction and cost estimate.</p> <p><u>ECONOMIC ANALYSIS:</u> Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>						
12. <u>SUPPLEMENTAL DATA:</u>						
A. Estimated Design Data:						
(1) Status:						
(a) Design Start Date.....					JUN 2013	
(b) Percent Complete as of January 2012.....					0	
(c) Date 35% Designed.....					SEP 2013	

1. COMPONENT ARNG	FY 2013 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 22 OCT 2013
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3. INSTALLATION AND LOCATION Camp Murray Tacoma, Washington	4. PROJECT TITLE NATIONAL GUARD READINESS CENTER
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5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 171	7. PROJECT NUMBER 84652 530035	8. PROJECT COST (\$000) Approp 26,000
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12. SUPPLEMENTAL DATA (CONTINUED..)

- A. Estimated Design Data: (CONTINUED..)
- (d) Date Design Complete..... DEC 2013
 - (e) Parametric Cost Estimating Used to Develop Costs.. NO
 - (f) Type of Design Contract: Design-build
 - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 947
 - (c) Total Design Cost..... 947
 - (d) Contract..... 947
 - (e) In-house.....
- (4) Construction Contract Award..... SEP 2014
- (5) Construction Start..... DEC 2014
- (6) Construction Completion..... DEC 2016

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
Art Work (State Propoent)	State	2016	215
ESS (171R)	OPA	2016	52
Info Sys - ISC	OPA	2014	587
		Total	854

CFMO Name: COL Michael Weitzel
Phone Number: 253-512-8486

Information Systems Cost Estimate (ISCE)

Project No. - 530035	Program Type - MCNG
Installation/Facility Site - Camp Murray, Tacoma, WA	Year - 2013
Macom/Region - USARNG	Area Cost Factor - 1.08
Project Title - Readiness Center	
USACE District - Seattle Dist.	Contgy Factor - 5.00
Primary Proponent Fund Type - OMNG	
CONF Primary Facility costs transferred to Tab A/DD1391 Form? - No	

Section I. Primary Facility, Inside The 5 Foot Line - Installed Equipment
(See AR 420-1, Table 4-2)

Item	Description	UM	Quantity	Unit Price	Total Cost	FT
1	CABLE TRAY (24" WIDE)	LF	373	36.30	13,540	CONF
2	EMT 3/4" W/HDW (SGL RJ45 & TV)	LF	810	5.60	4,536	CONF
3	EMT 1" W/HDW (DUAL OUTLETS)	LF	33,146	6.73	223,073	CONF
4	EMT 4" W/HDW (BACKBONE CABLE)	LF	410	30.95	12,690	CONF
5	BACKBOARD: 4 X 8 X 3/4"	EA	9	82.77	745	CONF
Total:					254,584	

Information Systems Cost Estimate (ISCE)

Project No. - 530035	Program Type - MCNG
Installation/Facility Site - Camp Murray, Tacoma, WA	Year - 2013
Macom/Region - USARNG	Area Cost Factor - 1.08
Project Title - Readiness Center	
USACE District - Seattle Dist.	Contgy Factor - 5.00
Primary Proponent Fund Type - OMNG	
CONF Primary Facility costs transferred to Tab A/DD1391 Form? - No	

Section II. Primary Facility, Inside The 5 Foot Line - Equipment In Place
(See AR 420-1, Table 4-2)

Item	Description	UM	Quantity	Unit Price	Total Cost	FT
1	XLR AAP Connector	EA	1	43.62	44	PROP
2	HSA AC Net APP	EA	2	109.05	218	PROP
3	RSH/Zenith XB713	EA	1	159.95	160	PROP
4	Equipment rack, 44 Space (unit)	EA	1	1,017.84	1,018	PROP
5	Lens, Telephoto for Projector	EA	2	2,035.69	4,071	PROP
6	Tile Bridge-CMS50/60 and C Rings	EA	5	17.45	87	PROP
7	VCR/DVD Combo	EA	1	159.95	160	PROP
8	Flat Panel Mobile Cart (42-71" Displays)	EA	1	727.03	727	PROP
9	VC Shelf	EA	1	727.03	727	PROP
10	Accessory Shelf for PFC Stands	EA	1	116.32	116	PROP
11	Cable, M59-5 BNC/6 (1.8m)	LF	6	69.77	419	PROP
12	SY DVIAM-RGBHVF 6" (15cm)	EA	1	50.89	51	PROP
13	Wall Face Plate WP 150	EA	1	170.13	170	PROP
14	Projector Mount	EA	1	174.49	174	PROP
15	Wall Mount Brackets 6 Inch	EA	1	29.08	29	PROP
16	VGA 75' Install Cable	EA	1	174.49	174	PROP
17	FO SC PATCH PNL 96 SM W/CPLRS	EA	2	2,576.82	5,154	CONF
18	MDF CONN: 100 PR W/60 FT STUB	EA	2	1,964.54	3,929	CONF
19	MDF JUMPER WIRE: WRAPPED	EA	608	4.28	2,602	CONF
20	PATCH CORD, RJ45 CAT6, 7 FT	EA	550	8.42	4,631	CONF
21	RISER: 100 PR INSIDE PLANT CBL	LF	1,645	3.90	6,416	CONF
22	FO-SM DUPL CORD: SC, 5 FT	LF	354	230.71	81,671	CONF
23	FO CBL DC DIELEC SM 12 STR	LF	1,645	8.47	13,933	CONF
24	Antenna, HF Radio	EA	1	3,000.00	3,000	PROP
25	SWT-S: 24 USER-TX (SIPR)	EA	1	17,225.34	17,225	ISC
26	SET, CISCO VOIP Phone	EA	150	400.00	60,000	ISC
27	SET, MULTILINE CISCO VOIP	EA	15	600.00	9,000	ISC
28	PROTECTED TERM: 100 PR	EA	2	1,909.08	3,818	CONF
29	SET, WEATHER-PROOF	EA	2	991.40	1,983	ISC
30	SET, EXPLOSIVE-PROOF	EA	2	2,312.52	4,625	ISC
31	FO SC PATCH PNL 12 SM W/CPLRS	EA	8	427.06	3,416	CONF
32	FO SC PATCH PNL 24 SM W/CPLRS	EA	2	688.97	1,378	CONF
33	FO SC PATCH PNL 96 SM W/CPLRS	EA	2	2,628.41	5,257	CONF
34	MDF CONN: 100 PR W/60 FT STUB	EA	2	2,003.87	4,008	CONF

Information Systems Cost Estimate (ISCE)

Project No. - 530035	Program Type - MCNG
Installation/Facility Site - Camp Murray, Tacoma, WA	Year - 2013
Macom/Region - USARNG	Area Cost Factor - 1.08
Project Title - Readiness Center	Contgy Factor - 5.00
USACE District - Seattle Dist.	
Primary Proponent Fund Type - OMNG	
CONF Primary Facility costs transferred to Tab A/DD1391 Form? - No	

Section II. Primary Facility, Inside The 5 Foot Line - Equipment In Place
(See AR 420-1, Table 4-2)

Item	Description	UM	Quantity	Unit Price	Total Cost	FT
35	MDF: STANDARD DBL-SIDED 8 VERT	EA	3	584.53	1,754	CONF
36	MDF JUMPER WIRE: WRAPPED	EA	200	4.37	874	CONF
37	OUTLET: SGL RJ45 W/CBL	EA	12	265.98	3,192	CONF
38	OUTLET: DUAL RJ45 W/CBL	EA	300	297.58	89,274	CONF
39	OUTLET: SGL CATV, F-TYPE W/CBL	EA	6	195.68	1,174	CONF
40	PATCH PANEL, RJ45 CAT 6, 96 PORT	EA	22	872.31	19,191	CONF
41	PATCH CORD, RJ45 CAT6, 7 FT	EA	627	8.59	5,386	CONF
42	EQUIP RACK&HWD	EA	16	625.03	10,000	CONF
43	BLOCK: 110 TYPE, 100 PR	EA	12	205.17	2,462	CONF
44	RISER: 100 PR INSIDE PLANT CBL	LF	700	3.98	2,786	CONF
45	FO-SM DUPL CORD: SC, 5 FT	LF	168	235.33	39,535	CONF
46	FO CBL DC DIELEC SM 12 STR	LF	700	8.64	6,048	CONF
47	PROTECTED TERM: 100 PR	EA	2	1,909.08	3,818	CONF
48	SWT-M: 48 USER-TX (NIPR)	EA	9	38,028.72	342,258	ISC
49	SIPR BLDG NODE SPT STRUCTURE	AS	1	10,483.48	10,483	CONF
50	SIPR BLDG NODE EQUIPMENT	AS	1	35,579.18	35,579	ISC
51	SIPR DROPS (CAT 6 STP)	EA	11	6,482.61	71,309	CONF
52	SECURE VTC EQPMT (ROLL AROUND)	EA	1	75,765.56	75,766	ISC
53	Whiteboards	EA	12	8,089.10	97,069	PROP
54	5.00% Contgy Factor	LS			27,322	ISC
55	5.00% Contgy Factor	LS			5,421	PROP
Total:					1,091,092	

Primary Facility Notes:

Provided I3A compliant PDS/BCS for 1 building: Readiness Center Provided NIPR voice/data to all appropriate outlets serving approximately 342 authorized users. Provided SIPR data/VTC IAW the SIRPNET Technical Guide The WAARNG uses DISA and JITC approved CISCO VOIP telephone systems. The Readiness Center serves 5 National Guard units.

Information Systems Cost Estimate (ISCE)

Project No. - 530035	Program Type - MCNG
Installation/Facility Site - Camp Murray, Tacoma, WA	Year - 2013
Macom/Region - USARNG	Area Cost Factor - 1.08
Project Title - Readiness Center	
USACE District - Seattle Dist.	Contgy Factor - 5.00
Primary Proponent Fund Type - OMNG	
CONF Primary Facility costs transferred to Tab A/DD1391 Form? - No	

Section III. Supporting Facilities, Outside The 5 Foot Line - Installed Equipment
(See AR 420-1, Table 4-2)

Item	Description	UM	Quantity	Unit Price	Total Cost	FT
1	MANHOLE PRECAST: 6 X12 X7	EA	1	9,842.89	9,843	CONF
2	UNDGRD DUCT: 6-WAY	LF	902	20.87	18,825	CONF
3	UNDGRD DUCT: 6-WAY CONC-ENC	LF	165	34.01	5,612	CONF
4	INNERDUCT 4-1"	LF	1,100	5.68	6,248	CONF
5	GIP 4" 2-WAY BORING/PUSHING	LF	110	82.15	9,037	CONF
6	TRENCH: BACKHOE 24"X 36" (DUCTS)	LF	1,012	10.03	10,150	CONF
7	TRENCH: HANDDIG 24"X 36" (DUCTS)	LF	55	28.09	1,545	CONF
8	CUT & RESURFACE ASPHALT 4"	SF	180	10.90	1,962	CONF
9	CUT & RESURFACE CONCRETE 4"	SF	90	13.36	1,202	CONF
10	CONC CORE DRILL 4" DIAMETER	EA	9	200.46	1,804	CONF
Total:					66,228	

Information Systems Cost Estimate (ISCE)

Project No. - 530035	Program Type - MCNG
Installation/Facility Site - Camp Murray, Tacoma, WA	Year - 2013
Macom/Region - USARNG	Area Cost Factor - 1.08
Project Title - Readiness Center	
USACE District - Seattle Dist.	Contgy Factor - 5.00
Primary Proponent Fund Type - OMNG	
CONF Primary Facility costs transferred to Tab A/DD1391 Form? - No	

Section IV. Supporting Facilities, Outside The 5 Foot Line - Equipment In Place
(See AR 420-1, Table 4-2)

Item	Description	UM	Quantity	Unit Price	Total Cost	FT
1	PHONE: ELEVATOR	EA	1	568.21	568	ISC
2	Cable, Antenna, HF Coaxial LMR 400	FT	500	2.00	1,000	PROP
3	CBL UNDRGND: 200 PR, 22 AWG (OSP)	LF	800	3.55	2,840	CONF
4	UNDGRD SPLICE PAIRS	EA	200	1.49	298	CONF
5	Call Manager, CISCO VOIP	EA	1	40,445.52	40,446	ISC
6	UNDGRD SPLICE CASES	EA	2	711.03	1,422	CONF
7	FO CBL DC DIELEC SM 24 STR (OSP)	LF	1,100	5.61	6,171	CONF
8	5.00% Contgy Factor	LS			2,051	ISC
9	5.00% Contgy Factor	LS			50	PROP
Total:					54,846	

Supporting Facility Notes:

Provided I3A compliant outside plant (OSP) infrastructure for the Readiness Center. Assumed OSP to be approximately 800 feet from the "IS/IT voice/data cable sources" to the construction site. Assumed building will be set back from the "curb" an average of approximately 200 feet. The WAARNG uses DISA and JITC approved CISCO VOIP telephone systems.

530035 Readiness Center Economic Analysis

Executive Summary Report

Project Title : 530035 Readiness Center
Type of Analysis : Mission Requirement - Partial
Project Objective: To provide a National Guard Readiness Center in Pierce County, WA to serve the training, administrative and storage requirements of WAARNG units.

Background:

CURRENT SITUATION: The Tacoma Armory was built in 1902 and is in extremely poor condition, does not meet current building codes or National Guard Bureau criteria. The building is structurally compromised due to the 2001 earthquake. This building has LIFE, HEALTH and SAFETY (LHS) issues. This building may be Red Tagged by City or County officials. Units have been moved out of this facility and re-stationed due to LHS issues. There is no Anti-Terrorism Force Protection (ATFP) standoff and the site is poorly drained, has water damage, Black Mold and sewer issues, causing both safety hazards and a potential environmental violations. It is cramped and has old infrastructure and numerous small rooms that cannot be feasibly altered to adjust spacing, limiting throughput of work, thus affecting the readiness of the supported units. There is no Military Equipment Parking (MEP), and has only 20 Privately Owned Vehicle (POV) parking spaces for 2889 Soldiers. The facility has been improved and upgraded over time and is structurally and economically infeasible to continue to alter or upgrade to meet current mission requirements.

OPERATIONAL IMPACT IF NOT PROVIDED: Without this project, the WAARNG will not be able to properly and safely support the missions of these units. Current building and sewer repairs and drainage upgrades to this facility are estimated at approximately \$3.8 million in FY-09 alone, and required funds to restore this facility exceed \$18 million. This project has been #2 on the LRCP since 2005.

Alternatives Considered for this Analysis:

Status Quo (Current Operations) - The Status Quo is not viable. The Tacoma Armory, built in 1901 is structurally and environmentally unsound due to Life Health and Safety (LHS) issues and is in danger of collapse. It has no Military Parking or privately owned Vehicle parking space and cannot meet the Americans with Disabilities Act (ADA) requirements and Anti-Terrorism/Force Protection mandates and standoffs. It also does not meet the requirements of NGR 415-12 for space allocation and criteria.

This is a 100% state owned facility and has been closed due to these LHS issues and all soldiers and equipment have been removed from the facility.

An engineering estimate has priced basic code compliance and general repairs to the facility at approximately \$18 million. Due to the States current extreme budget deficit, there is no state funding available to retrofit this building to the barest compliance level, in addition to the utilities and maintenance costs.

This alternative is nonviable.

Renovation - This facility has extensive Life health and Safety (LHS) issues,

as well as structural issues. An engineering estimate has priced basic code compliance and general repairs to the facility at approximately \$18 million. Due to the States current extreme budget deficit, there is no state funding available to retrofit this building to the barest compliance level, in addition to the utilities and maintenance costs.

This alternative is nonviable.

Renovation/New Construction Mix - This mix of new construction and renovation option is not viable. This facility is in the center of the city and is surrounded by commercial and city/County government buildings. There is no land upon which to build that would provide the required ATRP standoffs. The Tacoma Armory, built in 1901 is structurally and environmentally unsound due to Life Health and Safety (LHS) issues and is in danger of collapse. It has no Military Parking or privately owned Vehicle parking space and cannot meet the Americans with Disabilities Act (ADA) requirements and Anti-Terrorism/Force Protection mandates and standoffs.

An engineering estimate has priced basic code compliance and general repairs to the facility at approximately \$18 million (2010 \$) which would be more wisely spent on new MILCON. Due to the States current extreme budget deficit, there is no state funding available to retrofit this building to the barest compliance level, in addition to the utilities and maintenance costs.

This alternative is nonviable.

New Construction - New construction is the only cost effective solution. The current 101 year old Tacoma Armory sits in the heart of the city completely surrounded by commercial and civic buildings. This is a 100% state owned facility and has been closed due to Life, Health and Safety (LHS) issues and all soldiers and equipment have been removed from the facility.

This facility constructed in 1901 does not, and cannot comply with the: NG Pam 415-12 dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, Current code requirements, Americans with Disabilities Act (ADA), or Anti-terrorism Force Protection (ATFP) standoff's and mandates.

The cost to remodel/retrofit this facility to the very basics of code requirements will exceed \$18 million, and still will not meet the above ADA and ATRP mandates and requirements. The funds used for this would be more effectively spent on new construction.

The WAARNG does not have enough facilities for the displaced units to be adequately housed with all their equipment which is a training detractor as well as a storage issue. The facilities the displaced units are now in are crowded and are burdened with the additional Soldier load. The need and requirement for a new facility is well justified.

Due to the States current extreme budget deficit, there is no state funding available to retrofit this building to the barest compliance level, in addition to the utilities and maintenance costs.

New construction via MILCON is the only cost effective and viable option.

This is a viable alternative.

Leasing - This is not viable. Due to extreme budget deficits, the State of WA does not have any funding available to lease/rent any facilities capable of supporting a Readiness Center.

State agencies (WA NG is a State agency) must by law if they rent/lease from

another state agency, must pay the current fair market price.

As has been previously demonstrated due to State budget deficits, the WA NG cannot afford the current market prices to rent/lease facilities of the required size.

Leasing does not fit into the Capital Investment Strategy as it leaves no asset viable to the state at the end of the lease. You are in effect renting space and time with no long term benefit which then requires you to start all over again with nothing to show for the cost or the lease.

This alternative is nonviable.

Other Facilities on Base; As Is, Renovation, or Renovation/New Construction Mix - This is not viable as this is not on an existing base. This still leaves the long term solution unfulfilled.

This alternative is nonviable.

Other DOD or Federal Agency Facilities - This is not viable as this is not on an existing base. This still leaves the long term solution unfulfilled.

The closest DoD base is Joint Base Lewis McChord (JBLM), fifteen (15) miles to the south. This base is already crowded and not suitable for MILCON of a new Readiness Center. Due to greatly increased active duty stationing on JBLM there is no available space to construct a Joint Forces Headquarters facility.

The next closest base is the Bremerton Naval Base, which is approximately 40 miles to the Northwest. This base is on the shoreline and surrounded by the city of Bremerton. There is no space available there or in the Navy Base at Bangor, WA another 10 miles to the north, which is also surrounded by housing.

This alternative is nonviable.

Results and Recommendations:

New construction will provide the proper space allocations, will be up to current NGB criteria, and will meet ATRP mandates and local code requirements as described below.

The results of this partial analysis, based on known information demonstrate that the State of Washington National Guard needs to construct a new Readiness Center to replace the existing 102 year old Tacoma Armory. This old facility has severe structural damage and other Life Health and Safety (LHS) issues. In addition there is not enough property on site that can comply with code and ATRP standoff mandates. MILCON on a totally new and much larger site is the only viable and cost effective solution.

The existing facility does not comply with the NG Pam 415-12, dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disability Act (ADA), and ATRP standoffs. Black Mold and other environmental and space allocation issues leave no other viable choice.

This new Readiness Center MILCON will comply with NG Pam 415-12, dated 1 June 2011 criteria, Installation Status Report (ISR) Mission and Quality, current code requirements, Americans with Disability Act (ADA), and ATRP standoffs, and will be a benefit to the taxpayers.

New MILCON is the only cost effective and viable solution and is highly recommended.

Action Officer : John Wunsch
Phone Number : 253-512-8709
Email Address : john.h.wunsch.civ@mail.mil
Organization : WA ARNG Camp Murray

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

Functional Space Details - Actual/ English

171R: ARNG - Readiness Center

	Authorized	Requested	Memo
ARNG - Readiness Center	55,166	55167	
Type: 1-Readiness Cntr; 2-CST; 3-CBRNT; 4-JFHQ	1	1	
RAPIDS Office Assigned:	2	2	
Detached Controlled Waste Handling:	Yes	Yes	
Detached Unit Unheated Storage:	Yes	Yes	
Detached Flammable Materials Storage:	Yes	Yes	
No. of Firefinder Radar Facilities:	0	0	
No. of Controlled Waste Barrels:	4	4	
No. of Fed Reimbursed Admin State Employees:	0	0	
No. of Statewide Media Outlets for JFHQ Media Rm:	0	0	X
A. Schedule 1 -- Common Use Areas	20,486	20487	
1. Assembly Hall	6,300	6300	
2a. Auditorium	0	0	
2b. Classrooms	4,890	4890	
3. Library/Classroom	300	300	
4. Learning Center	300	300	
5. Distance Learning Center	0	0	
6. Indoor Firing Range	0	0	
7. Training Device/Simulation Center	1,840	1840	
8. Training Aid Storage	140	140	
9. Kitchen	1,300	1300	
10. Break Room (Area)	856	856	
11. Vending Area	100	100	
12. Toilets/Shower	2,460	2461	
a. Toilets	1,540	1541	X

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

171R: ARNG - Readiness Center

	Authorized	Requested	Memo
b. Showers	920	920	X
13. Flammable Materials Storage	0	0	
14. Family Readiness Office	250	250	
15. RAPIDS Office	0	0	
16. Recruiting/ Retention Office	250	250	
17. Audion/Visual Storage	150	150	
18. Table/Chair Storage	550	550	
19. Physical Fitness	800	800	
20. Controlled Waste Handling Facility (CWHF)	0	0	
21. Ready Bays	0	0	
22. Operations Center	0	0	
B. Schedule II -- Unit and Special Space Allowances	34,680	34680	
1. Administrative Office Space	13,000	13000	
a. Basic Space	2,400	2400	
b. General Space	7,150	7150	X
c. Special Administrative Allowances	3,450	3450	
(1) Division Headquarters	0	0	
(2) Armored Cavalry Regiment Headquarters	0	0	
(3) Brigade and Division Artillery Headquarters	0	0	
(4) Corps Artillery, Cmbt Sprt Cmnd & Armored Cavalry	0	0	X
(5) Group Headquarters	0	0	
(6) Battalion Headquarters and Headquarters (HHC or HHD)	1,500	1500	
(7) Rear Area Operations Center (RAOC)	0	0	
(8) Division Support Command	0	0	
(9) Supply and Transport Battalion (Division)	0	0	
(10) Support JFHQ (Separate Brigade)	0	0	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

171R: ARNG - Readiness Center

	Authorized	Requested	Memo
(11) State Headquarters (ARNG)	0	0	
(12) Troop Command	1,950	1950	
(13) Army Advisors Office	0	0	
(14) Personnel Services Companies/Sections	0	0	
(15) State Headquarters military record archive	0	0	
(16) Training Support Brigade (TSB)	0	0	
(17) Wpn Mass Dstrctn (WMD) - Civil Sprt Team (CST)	0	0	
(18) CBRN and Explosive Team Facility	0	0	
2. Unit Storage Space (Including Arms Vault)	9,000	9000	
a. Battalion Headquarters with Organic Subunits (per TOE)	0	0	
b. Supply and Transportation Battalion (Division)	0	0	
c. Support Battalion (Separate Brigade)	0	0	
d. Heated Storage Space	9,000	9000	
(1) Units with Required Strength >= 55	2,700	2700	
(2) Units with Required Strength 10 - 55	6,300	6300	
e. Unheated storage space	0	0	
3. Locker Room Space	6,302	6302	
a. Basic Space (One per readiness center)	200	200	
b. Space per Authorized Position	6,102	6102	
4. Special Functions	3,978	3978	
a. JFHQ Joint Operations Center (JOC)	0	0	
b. JFHQ Secure Conference Center	0	0	
c. JFHQ Secure Commo Vehicle Ready Bay	0	0	
d. Public Affairs Detachment	0	0	
e. JFHQ Photographic Studio	0	0	
f. JFHQ Media Room	0	0	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

171R: ARNG - Readiness Center

	Authorized	Requested	Memo
g. Medical Section within a Headquarters Unit	0	0	
h. Physical Exam Space.	0	0	
i. Flight Eye Physical Exam Space	0	0	
j. COMSEC Material Direct Support Activities (CMDSA)	0	0	
k. Information Technology (IT) Support Activities	0	0	
l. General Purpose Training Bay (GPTB)	3,978	3978	
(1) Workbays	3,168	3168	
(2) Office Space	810	810	
m. Air/Army National Guard Weather Flight	0	0	
n. Band	0	0	
5. Firefinder Radar Readiness Bay	0	0	
6. Secure Area	0	0	
7. Other Special Facilities	2,400	2400	
a. SIPRNET Room per DA Req	2,400	2400	X
b.	0	0	
c.	0	0	
d.	0	0	
e.	0	0	
Total Net Readiness Center Space	55,166	55167	
Maintenance and Storage (3% of Total Net Area)	1,655	1656	
Mechanical/Electrical Room (5% of Total Net Area)	2,759	2759	
Telecom/IT (1% of Total Net Area)	552	552	
Circulation Allowance (15% or 22% of Total Net Area)	13,230	13230	
Structural Allowance (10% of Total Net Area)	7,337	7337	
Total Gross Readiness Center Space	80,699	80701	
- Other Gross Readiness Center Space	0	0	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

171R: ARNG - Readiness Center

	Authorized	Requested	Memo
Total Readiness Center Space	80,699	80701	
Detached Controlled Waste Handling	300	300	
Detached Unheated Storage Space	362	362	X
Detached Flammable Materials Storage	150	150	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

ARNG - Common Supporting Items

Authorized Requested Memo

ARNG - Common Supporting Items

Unheated Vehicle Strg Shed Needed:	Yes	Yes
Wash Platform Required:	No	No
Loading Ramp Required:	Yes	Yes
MCOFT Type Simulator Required:	No	No
Rigid Paving for Access Road:	Yes	Yes
Access Road Length (LF)	0	0
No. of Controlled Waste Access Facilities:	1	1
No. of Fuel Trucks/Trlr to be Parked with Fuel:	1	1
No. of Trucks Simultaneously at Loading Dock:	0	0
No. of Turning Pads:	0	0
No. of Refuse Collection/Dumpster Sites:	2	2
No. of Other Access Apron Service Sites:	4	4
Fuel Storage and Dispensing Systems (EA)		
A. Total Vehicles Requiring Support	0	0
1. Vehicles Requiring MOGAS (EA)	0	0
2. Vehicles Requiring Diesel Fuel (EA)	0	0
3. Vehicles Requiring AVGAS (EA)	0	0
4. Vehicles Requiring Other Fuel (EA)	0	0
B. Military Vehicle Parking		
1. Other Functional Activities		
a. Authorized based on Vehicle Inventory	9,250	9250
1) Wheeled vhcl and trlr/towed equip (SY)	7,400	7400
2) Tracked/engr vehicle, and equip > 30 (SY)	1,500	1500
3) Fuel Truck (SY)	350	350
4) HET vehicle (SY)	0	0

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

ARNG - Common Supporting Items

	Authorized	Requested	Memo
2. Unheated Enclosed Vehicle Storage Shed (SF)	54,945	16000	X
3. Total Exterior Military Equipment Parking (SY)	3,145	7473	X
C. Loading Docks			
1. Readiness Center Loading Dock (LS)	No	No	
D. Wash Platform (EA)	0	0	
E. Military Vehicle Loading Ramp (EA)	1	1	
F. Rigid Pavement Other Than Parking (SY)	12,877	9310	
1. Structures and Pads Supporting Operations (SY)	1,346	1346	
a. Fuel Truck Containment Area (SY)	75	75	
b. Military Vehicle Loading Ramp Sprt (SY)	160	160	
c. Turn Pads (SY)	0	0	
d. Helipads (SY)	1,111	1111	
e. Parking Pad for MCOFT Type Simulators (SY)	0	0	
2. Service and Access Aprons (SY)	6,531	2964	
a. Military Vehicle Loading Ramp (SY)	250	250	
b. Wash Platform Pad (SY)	0	0	
c. Wash Platform Access (SY)	0	0	
d. Refuse Collection/Dumpster Pad (SY)	300	300	
e. Controlled Waste Handling (SY)	0	0	X
f. Fuel Pump Island (SY)	0	0	
g. Fuel Pump Access (SY)	0	0	
h. Loading Dock Access (SY)	0	0	
i. Firefinder Radar Readiness Bay Access	0	0	
j. Other Service Area (SY)	600	600	
k. Readiness Center Workbay Access Apron (SY)	214	214	
l. Vehicle Storage Shed Apron (SY)	5,167	1600	X

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

ARNG - Common Supporting Items

	Authorized	Requested	Memo
3. Access Road and Entrance Throat (SY)	5,000	5000	
G. Flexible Pavement (SY)	12,099	12099	
1. Privately owned vehicle (POV) parking (SY)	10,710	10710	
2. Visitor/Customer Parking (SY)	0	0	
3. Access Road and Entrance Throat (SY)	0	0	
4. Helipad Clearance Area (SY)	1,389	1389	
H. Sidewalks (SY)	1,346	1577	X
I. Curbs (LF)	2,013	2013	
J. Security Fencing (LF)	1,768	1768	
K. Flagpole(s) (EA)	2	2	
L. Exterior Fire Protection (LS)	Yes	Yes	
M. Detached Facilities Sign/Static Display (EA)	1	1	
N. Outside Security Lighting (LS)	Yes	Yes	
O. Utilities (LS)			
1. Gas (LS)	Yes	Yes	
2. Electric (LS)	Yes	Yes	
3. Chilled/Heated Water Dist System (LS)	No	No	
4. Water (LS)	Yes	Yes	
5. Waste Water/Sewer (LS)	Yes	Yes	
P. Storm Water Drainage (LS)	Yes	Yes	
Q. Installed Equipment (EA)	3	2	
1. Stand-by Generator (prioritize for top 35% of load)	1	1	
2. Refuse Collection Facilities	2	1	X
3. Other Installed Equipment (LS)	0	0	
a.	No	No	
b.	No	No	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

ARNG - Common Supporting Items

	Authorized	Requested	Memo
c.	No	No	
d.	No	No	
e.	No	No	
R. Fuel Storage and Dispensing Systems (EA)	0	0	
1. 3000 Gallons	0	0	
2. 5000 Gallons	0	0	
3. 7000 Gallons	0	0	
4. 10000 Gallons	0	0	
5. 20000 Gallons	0	0	X
S. AC Tonnage (Total)	269	269	
1. AC Tonnage (Readiness Center)	269	269	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

INFO: ARNG - Information Systems Worksheet

Authorized Requested Memo

I ISCE Inputs:

A. Square Footage Tab

1 Admin	20,567	35780
2 Intermediate	805	805
3 Barracks	0	0
4 Warehouse/Storage	21,980	24862
5 Clinic/Medical	0	0
6 Class Rooms	10,874	10920
7 Others	25,431	25359

B. New Services Tab

1 Single Line Phone	55	135	X
2 ISDN Sets	0	0	
3 Multi-Line Phones	6	14	
4 Weatherproof Phones	1	1	
5 Explosive Environment Phones	1	2	
6 LAN Ports	55	135	X
7 Wall/Payphone Outlet w/telephone set (additional)	9	15	
8 Fiber Optic Outlets (2RJ-45 wDual SC)	0	0	
9 SIPRNET	0	0	X
10 TV Outlets -- All Services	0	6	

C. Cabling, Switching, and Building Tab

1 No. Persons to Use Facility Initially	55	342	X
2 No. Ducts into Bldg: 2, 4, 6, 9, 12-way	2	6	
3 Maximum Occupant Capacity	99	342	
4 Proposed Bldg Entry Duct/Sys Lngth - Underground	800	800	
5 Type of Building	7	1	

Project Number : 530035

Project Title : NATIONAL GUARD READINESS CENTER

Date: Oct 22, 2013

INFO: ARNG - Information Systems Worksheet

Authorized Requested Memo

II ISCE Results:

A. Construction Primary Funded (\$000)	658	658
B. Construction Support Funded (\$000)	77	77
C. ISC Equipment (OPA \$000)	617	617
D. ISCE Proponent (OMNG \$000)	115	115