Fiscal Year (FY) 2017
BUDGET ESTIMATES
FY 2017 Program



MILITARY CONSTRUCTION
RESERVE FORCE (MCNR)

JUSTIFICATION DATA
Submitted to Congress
February 2016

2016-01-15(1217)



FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Table of Contents

STATE LIST	i
INDEX OF LOCATIONS	iii
INDEX OF LOCATIONS (NAVY)	v
INDEX OF LOCATIONS (MARINES)	vii
MISSION STATUS INDEX	ix
INSTALLATION INDEX	xi
APPROPRIATION LANGUAGE	xiii
SPECIAL PROGRAM CONSIDERATIONS	XV
PROJECT JUSTIFICATIONS - INSIDE THE UNITED STATES	1
PLANNING AND DESIGN	31



DEPARTMENT OF THE NAVY FY 2017 Military Construction, Navy and Marine Corps Reserve Program Summary of Locations

		Auth RequestApp	rop Request
State/Country		(\$000)	(\$000)
Inside The United States			
LOUISIANA		11,207	11,207
NEW YORK		15,193	15,193
TEXAS		8,414	8,414
	Subtotal	34,814	34,814
Various Locations			
Various Locations		0	3,783
	Subtotal	0	3,783
Total - FY 2017 Military Construction	Program	34,814	38,597

FY 2017 Military Construction, Navy and Marine Corps Reserve Program Index of Locations for Navy and Marine Corps Projects

State/	Proj	oj Auth Request Approp Request					
Cntry	No.	Location	(\$000)	(\$000)	Mission	No.	
		Inside the United States					
LOUIS	SIANA						
		NAS JRB NEW ORLEANS LA					
	500	NEW ORLEANS, LOUISIANA	11 207	11 207	N	2	
	500	Joint Reserve Intelligence Center	11,207	11,207	New	3	
		Subtotal	11,207	11,207			
		Total - LOUISIANA	11,207	11,207			
NEW Y	YORK						
		HEADQUARTERS 4TH MARINE DIVISION FMF BROOKLYN, NEW YORK	USMCR, MARIN	NE CORPS BASE			
	135	Electric Feeder Ductbank - Brooklyn, NY	1,964	1,964	Current	11	
		Subtotal	1,964	1,964			
		HEADQUARTERS 4TH MARINE DIVISION FMF SYRACUSE, NEW YORK	USMCR, MARIN	NE CORPS BASE			
	777	MCRC Reserve Center at Syracuse NY	13,229	13,229	Current	17	
		Subtotal	13,229	13,229			
		Total - NEW YORK	15,193	15,193			
TEXAS	S			,			
		HEADQUARTERS 4TH MARINE DIVISION FMF GALVESTON, TEXAS	USMCR, MARIN	NE CORPS BASE			
	881	Reserve Center Annex at Galveston TX	8,414	8,414	Current	25	
		Subtotal	8,414	8,414			
		Total - TEXAS	8,414	8,414			
		Total - Inside The United States	34,814	34,814			
		Various Locations					
	517	Planning and Design	0	3,783	Current	31	
		Total - Various Locations	0	3,783			
		Grand Total	34,814	38,597			

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Index of Locations for Navy Projects

State/	Proj	Auth Request Approp Request							
Cntry	No.	Location	(\$000)	(\$000)	Mission	No.			
		Inside the United States							
LOUIS	SIANA								
		NAS JRB NEW ORLEANS LA							
		NEW ORLEANS, LOUISIANA							
	500	Joint Reserve Intelligence Center	11,207	11,207	New	3			
		Subtota	11,207	11,207					
		Total - LOUISIANA	11,207	11,207					
		Total - Inside The United States	11,207	11,207					
		Various Locations							
	517	Planning and Design	0	3,783	Current	31			
		Total - Various Locations	0	3,783					

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Index of Locations for Marine Corps Projects

	Proj No.	Location	Auth Reque	st Approp Request () (\$000)	Mission	Page No.
		Inside the United States				
NEW Y	ORK					
		HEADQUARTERS 4TH MARINE DIVISION FN BROOKLYN, NEW YORK	MF USMCR, M	MARINE CORPS BASE		
	135	Electric Feeder Ductbank - Brooklyn, NY	1,96	1,964	Current	11
		Subtota	ıl 1,96	1,964		
		HEADQUARTERS 4TH MARINE DIVISION FN SYRACUSE, NEW YORK	MF USMCR, M	MARINE CORPS BASE		
	777	MCRC Reserve Center at Syracuse NY	13,22	9 13,229	Current	17
		Subtota	ıl 13,22	13,229		
		Total - NEW YORK	15,19	3 15,193		
TEXAS						
		HEADQUARTERS 4TH MARINE DIVISION FM GALVESTON, TEXAS	IF USMCR, M	MARINE CORPS BASE		
	881	Reserve Center Annex at Galveston TX	8,41	4 8,414	Current	25
		Subtota	al 8,41	4 8,414		
		Total - TEXAS	8,41	4 8,414		
		Total - Inside The United States	23,60	23,607		

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Mission Status Index

Installation/Location	Proj No.	Project Title	Approp	Request (\$000)	Mission Status
Inside the United States				(4000)	~ *******
LOUISIANA NAS JRB NEW ORLEANS LA NEW ORLEANS, LOUISIANA	500	Joint Reserve Intelligence	Center	11,207	New
NEW YORK HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE BROOKLYN, NEW YORK	135	Electric Feeder Ductbank Brooklyn, NY	-	1,964	Current
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE SYRACUSE, NEW YORK	777	MCRC Reserve Center at NY	Syracuse	13,229	Current
TEXAS HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE GALVESTON, TEXAS	881	Reserve Center Annex at C	Galveston	8,414	Current
Various Locations					
VARIOUS LOCATIONS Various Locations	517	Planning and Design		3,783	Current

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Installation Index

Installation	Location	DD1390 PageNo.
	В	G
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE	BROOKLYN, NEW YORK	9
	$\underline{\mathbf{G}}$	
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BASE	GALVESTON, TEXAS	23
	N	
NAS JRB NEW ORLEANS LA	NEW ORLEANS, LOUISIANA	1
	S	
HEADQUARTERS 4TH MARINE DIVISION FMF	SYRACUSE, NEW YORK	15

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Appropriation Language

SECTION 1 - APPROPRIATION LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the reserve components of the Navy and Marine Corps as authorized by Chapter 1803 of Title 10, United States Code, and Military Construction Authorization Acts, [\$36,078,000] \$38,597,000 to remain available until September 30, [2020] 2021. Provided, that of this amount, not to exceed [\$2,208,000] \$3,783,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

SECTION 2 - EXPLANATION OF LANGUAGE CHANGES

1. Deletion of FY 2016 appropriations shown in brackets.

FY 2017 Military Construction, Navy and Marine Corps Reserve Program

Special Program Considerations

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives could be evaluated, a primary economic analysis was prepared.

1. Component NAVY					ND RESI			2. Date	
3. Installation	and Loc	cation:	N00206					4. Area	Const
NAS JRB NEW O								Cost	Index
NEW ORLEANS,	LOUISIA	AV						.9	93
5. Frequency And									
Daily (includ	ling dri	ll weeke	ends) i	ntel o	peration	ns.			
6. Other Active None.	/Guard/F	Reserve	Instal	lations	s Withir	n 15 Mile	es		
7. Projects Req	uested 1	n This	Progra	m					
<u>Cat</u>							<u>Cost</u>	Design	Status
<u>Code</u> <u>Projec</u>					_	Scope (\$			
14385 Joint		Intelli	igence		205	56 m2 11	,207	09/2015 1	10/2016
Center	•								
8. State Reserv	e Forces	s Facili	ties B	oard Re	ecommend	dation		30 Jul	2014
Approved.								(Dat	te)
9. Land Acquisi	tion Req	quired							
NO								(No. of	Acres)
10. Projects Pl	anned Ir	n Next F	our Ye	ars					Cost
<u>P No</u> <u>Title</u>					<u> </u>	PΥ		Scope	(\$000)
None									
R&M Unfunded	Require	ment (\$0	000):						
11. Personnel S	trength		PERMA	NENT		GUAF	RD/RES	SERVE	
As Of 09-30-2	015	TOTAL	<u>OFF</u>	$\underline{\mathtt{ENL}}$	CIV	TOTAL	OFF	$\underline{\mathtt{ENL}}$	
Authorized:		36	8	16	12	137		77	
Actual:		33	7	14	12	116	51	65	
12. Reserve Uni								Stren	gth
<u>Unit Designat</u>	ion						<u>Aut</u>	horized	
DHS								3	3
DIA DCTC FASSO/ONI-5								8 1	8 1
IDC Region SE	· .TRTC NO	Δ. Τ.Δ						9	8
JICCENT CISC								19	16
LA Air Nat Gu								3	3
LA Army Nat G	uard G2							10	9
Marine RESFOR								15	12
NR DIA HQ 148	2							37	32
NR JICCENT De	t 708							7	6
NR NIOC P'col	a Det No	ALC						4	4
USAR 377th TS	SC .							15	12
USMCR MAW4								15	13
VFA-204								23	18
VR-54								4	4
			_						
13. Major Equip	ment and	d Aircra	ıft						
13. Major Equipor Type Information a				1 0			<u>Aut</u>	horized	Actual 165

1. Component	FY 2017 GUARD AND RESERVE	2. Date
NAVY	MILITARY CONSTRUCTION	01 FEB 2016
3. Installation	and Location: N00206	4. Area Const
NAS JRB NEW C		Cost Index
NEW ORLEANS,		.93
	Pollution and Safety Deficiencies (\$000):	
	Abatement (*): al Safety and Health (OSH) (#):	0
D. Occupation	ial barcey and nearen (obil) (#).	O

1. Component NAVY	FY 201	7 MILITAR	Y CO	NSTRU	CTION I	PROGRAM	2. Da	ite FEB 2016
3. Installation(SA)& Loc	ation/UIC: N	10020	6	4. Proje	ct Title		
NAS JRB NEW OR NEW ORLEANS, I					Joint Re Center	eserve Inte	ellige	ence
5. Program Eleme	nt 6. Ca	tegory Code	7. P	roject	Number	8. Projec	t Cost	(\$000)
0203176N		14385		P50	0		11,207	
		9. CO	ST ES	TIMAT	ES			
	Item		UM	Qua	ntity	Unit Cos	st Co	ost(\$000)
JOINT RESERVE INTELLIGENCE CENTER (22,128SF)					2,055.74			7,450
JOINT RESE CENTER CC14385			m2		872.25	4,:	260	(3,720)
NAVY BAND (12,739SF) (RE		CC17120	m2		1,183.49	1,41	5.5	(1,680)
ANTI-TERRORISM/FORCE PROTECTION			LS					(830)
BUILT-IN E	QUIPMENT	1	LS				İ	(870)
SPECIAL CO	STS		LS				İ	(350)
SUPPORTING FAC	LILITIES						İ	2,650
SPECIAL FO	UNDATION	FEATURES	LS				İ	(520)
PAVING AND	SITE IM	IPROVEMENTS	LS					(820)

LS

LS LS

10. Description of Proposed Construction:

ELECTRICAL UTILITIES

MECHANICAL UTILITIES

DEMOLITION

TOTAL CONTRACT COST

TOTAL REQUEST ROUNDED

EQUIPMENT FROM OTHER

APPROPRIATIONS (NON ADD)

CONTINGENCY (5%)

SIOH (5.7%)

TOTAL REQUEST

SUBTOTAL

SUBTOTAL

Constructs a single-story addition to existing Building #558 for the Joint Reserve Intelligence Center (JRIC) with pile supported reinforced concrete footings, reinforced concrete floor slab, steel-framed masonry walls and standing seam metal roof.

A JRIC includes a service-owned and managed sensitive compartmented information facility (SCIF) and surrounding collateral and unclassified areas involved in the performance and direct management of intelligence production work that uses Joint Reserve Intelligence Program infrastructure and connectivity, including acoustical and TEMPEST treatment, which is an electronic emissions protection system, and areas

(450)

(470)

(390)

10,100

10,610

11,210

11,210

11,207

(1,591)

510

600

1. Component NAVY	FY 20	017 MIL:	ITAR	Y CONSTR	JCTION 1	PROGRAM	2. Date	е В 2016
3. Installation NAS JRB NEW O NEW ORLEANS,	RLEANS	LA	JIC: N	100206		ect Title eserve Int	elligen	ce
5. Program Elem 0203176N	ent 6. (Category 14385	Code	7. Projec		_	t Cost 11,207	(\$000)

for operations, maintenance and training. The SCIF includes Secret Internet Protocol Router Network (SIPRNET), Secure Access Program Facility (SAPF) and Unclassified but Sensitive Internet Protocol (IP) Router Network (NIPRNET). Facility includes emergency/redundant power and HVAC systems including remote monitoring system.

Project also renovates vacant Building #558 to accommodate a portion of classified space, Secret Internet Protocol Router (SIPR) space, and unclassified space to include offices, training, meeting and support areas, and restrooms. Building #558 originally housed the Navy Band New Orleans, but the band was disestablished on September 30, 2014 and the facility is vacant.

Information systems include basic telephone, computer network, fiber optic, cable television, security and fire alarm systems, information and communications technology (ICT) and infrastructure. Classified systems include SIPRNET, SAPF and NIPRNET.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations and physical security mitigation in accordance with Department of Defense (DoD) Minimum Anti-Terrorism Standards for Buildings.

Built-in equipment includes Uninterruptible Power Supply (UPS), generator and transfer switch.

Special costs include Post Construction Contract Award Services (PCAS). Special costs also include monitoring during Sensitive Compartmented Information Facility construction in accordance with the Construction Security Plan prepared in accordance with Intelligence Community standards and technical specifications and the DOD Unified Facilities Criteria and prepared by the Site Security manager and approved by the Special Security Office Navy. Construction monitoring is required to observe the construction to ensure that there are no abnormalities that could affect and compromise the security of the SCIF.

Operations and Maintenance Support Information (OMSI) is included in this project.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design

FY 2017 MILITAE	RY CONSTRU	CTION I	PROGRAM	2. Date 01 FEB 2016
(SA)& Location/UIC: RLEANS LA LOUISIANA	Joint Re		elligence	
	1		·	t Cost (\$000) 11,207
	(SA)& Location/UIC: RLEANS LA LOUISIANA	(SA)& Location/UIC: N00206 RLEANS LA LOUISIANA ent 6. Category Code 7. Project	(SA)& Location/UIC: N00206 4. Project Number	ALEANS LA LOUISIANA LOUISIANA Doint Reserve Int Center ent 6. Category Code 7. Project Number 8. Project

and construction of this project as appropriate.

Site preparation includes site clearing, excavation and preparation for construction.

Special foundation features include pile supported foundation.

Paving and site improvements include grading, a new access roadway, curbs, sidewalks, landscaping, signs, stormwater basin and stormwater conveyance system.

Electrical utilities include primary and secondary distribution systems, lighting, transformers, and telecommunications infrastructure.

Mechanical utilities include water lines, sanitary sewer lines, fire protection systems and supply lines.

Demolition includes removal of Building #20, the existing JRIC (2,682.21 m2). The function it now houses will be relocated to Building #558 upon completion of the project.

Facilities will be designed to meet or exceed the usual service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

Based on analyses recently completed by the USACE, the flood control system will not meet the standards necessary for providing protection against the 1-percent-annual-chance (100 year) flood, which is also referred to as the base flood. FEMA guidance applies to NAS JRB, New Orleans as part of Belle Chase area. The FEMA guidance calls for Base Flood Elevation (BFE) equal to current effective Flood Insurance Rate Map (FIRM) or at least 3 feet above the highest adjacent existing ground elevation at the building site, whichever is higher. For NAS JRB, New Orleans the three feet above the highest adjacent existing ground elevation will govern and construction will meet this guidance.

11. Requirement: $\frac{2609}{m^2} \frac{m^2}{M}$ Adequate: Substandard: $\frac{1,183}{m^2} \frac{m^2}{M}$

Renovates an existing facility and constructs a new addition for use as a Joint Reserve Intelligence Center.

1. Component NAVY	FY 2	017 MIL	ITAR	Y C	ONSTRU	CTION I	PROGRAM	2. Date 01 FEB	2016
3. Installation(SA)& Location/UIC: N00206 4. Project Title									
NAS JRB NEW O NEW ORLEANS,						Joint Re Center	eserve Int	celligence	e
5. Program Elem	ent 6.	Category	Code	7.	Project	Number	8. Projec	ct Cost (\$000)
0203176N		14385			P50	0		11,207	

(New Mission)

REQUIREMENT:

The Navy Intelligence Reserve Command transitioned to the Information Dominance Reserve Command and expanded its scope of responsibility from supporting one to now supporting five communities. The new mission has started with changes in mission work load, new equipment and training of new and existing personnel. Temporary workarounds using activated reservists, equipment fixes and extra weekend unit training assembles are being used, but at a reduced product output until this project is to be completed. The existing BFR identifies a total population of 173 personnel supported by the JRIC. The Basic Facilities Requirements data is being updated and it appears that the population number will stay the same while the units and missions change.

Navy Intelligence Reserve Region (NIRR) SE has an immediate requirement to accommodate new missions. An adequately sized, properly configured and correctly sited facility is required to support the joint intelligence production and training missions of the JRIC New Orleans as well as the immediate worldwide deployment mission support requirements of the assigned intelligence personnel. In addition to meeting these new mission requirements the construction of this facility will enable the JRIC to meet its entire current mission requirements, provide a flexible design plan to support future mission changes without expensive renovations and provide for an open and collaborative intelligence production facility. A SCIF and Data Center (meeting the Uptime Institute Tier II level of reliability) are essential to mission accomplishment. Maintenance space is necessary to perform pre-mission testing as well as training. Command, supply, and security functions necessitate administrative support spaces. Due to the sensitive nature of the Navy-Mission Essential Tasks (N-MET) accomplished in the JRIC and the requirement for 24/7/365 uninterrupted operations the JRIC incorporates several redundant mission critical systems.

CURRENT SITUATION:

The existing Building #20, supporting JRIC operations does not have the required infrastructure and is not adequately sized nor properly configured to accommodate current mission requirements. The facility was originally constructed in 1957 as an Academic Instruction Building and does not include the space configuration nor infrastructure (particularly HVAC) to support the intelligence production mission. The facility was not designed, or is able to support a highly reliable/mission critical data center nor easily accommodate the security, TEMPEST, and AT/FP requirements of a mission critical and high Mission Dependency Index (MDI)

1. Component						2. Date
NAVY	FY 201'	7 MILITAR	Y CONSTRU	JCTION 1	PROGRAM	01 FEB 2016
3. Installation						
NAS JRB NEW OI NEW ORLEANS, I				Joint Re Center	eserve Int	elligence
5. Program Eleme	ent 6. Cat	egory Code	7. Project	Number	8. Projec	t Cost (\$000)
0203176N	14385 P500 11,:					11,207
SCIF.						

Currently there is not adequate space to support all joint intelligence missions and wartime task training or to properly store and maintain equipment assets.

The project is not sited in the 100-year floodplain.

IMPACT IF NOT PROVIDED:

Personnel and equipment will not be able to meet mission and operational requirements due to a lack of intelligence production, training, maintenance, and storage spaces resulting in degraded or incomplete support to the war fighter. Not all of the required training will be conducted with the frequency necessary to certify and/or maintain N-MET proficiency. The highly specialized intelligence production equipment will not be maintained in accordance with maintenance interval requirements specified in supporting technical instructions rendering systems less than mission capable. Mission response criteria will not be met due to circumstances of inadequate support infrastructure. As a result of the inadequate and unreliable HVAC system, critical and sensitive intelligence production equipment will also deteriorate faster than programmed. Workarounds and facility upkeep costs continue to escalate. Training of total force personnel will continue at a limited level in inadequate facilities.

12. Supplemental Data:

- A. Estimated Design Data:
 - 1. Status:

(A) Date design or Parametric Cost Estimate started	07/2014
(B) Date 35% Design or Parametric Cost Estimate complete	te 09/2015
(C) Date design completed	06/2016
(D) Percent completed as of September 2015	35%
(E) Percent completed as of January 2016	45%
(F) Type of design contract	Design Bid Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	No
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	N/A
3. Total Cost $(C) = (A) + (B) = (D) + (E)$:	
(A) Production of plans and specifications	\$650
(B) All other design costs	\$220
(C) Total	\$870
(D) Contract	\$220

1. Component					2. Date
	Y 2017 MILITAR	Y CONSTRU	CTION 1	PROGRAM	01 FEB 2016
3. Installation(SA)& Location/UIC: N	100206	4. Proje	ect Title	
NAS JRB NEW ORLE	ANS LA			eserve Int	elligence
NEW ORLEANS, LOU	ISIANA		Center		
5. Program Element	6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)
0203176N	14385	P50			11,207
(E) In-house					\$650
4. Contract awa	ard:				01/2017
5. Construction	n start:				04/2017
6. Construction	n complete:				04/2018
B. Equipment asso	ociated with this iations:	project wh	nich will	l be provi	ded from
Equipment		Pro	curing	FY Approp	<u>)</u>
<u>Nomenclature</u>		<u>A</u>	pprop o	r Request	ed Cost (\$000)
Collateral Equip	ment (FF&E)	C	0&MNR	2017	1,366
Electronic Securi	ity System (ESS)		OPN	2017	225

1. Component MARINE CORPS	·	17 GUA ITARY					2. Date	
3. Installation	and Location: N 4TH MARINE DIVI	M68479				BAS	4. Area	Const
5. Frequency And Daily by a sm	d Type Of Utili all permanent s		d 2 t	o 3 day	s a month	by t	the rese	rvists.
	/Guard/Reserve son Fort Hamilt Reserve Center	on, NY			n 15 Mile	S		
	<u>t Title</u> IC FEEDER DUCTB			<u> </u>	Scope (\$0		<u>Design</u> <u>Start</u> <u>C</u> 09/2015 (omplete
8. State Reserv	e Forces Facili	ties Boa	ard R	ecommend	dation		22 May	2014
Approved.							(Dat	te)
9. Land Acquisi	cion Required						(No. of	Acres)
10. Projects Plants Pla	anned In Next F	our Yea	rs	Ī	PΥ		Scope	Cost (\$000)
R&M Unfunded	Requirement (\$0	00):						
<pre>11. Personnel S As Of 09-30-2 Authorized: Actual:</pre>		PERMAN <u>OFF</u> 7 5	ENT <u>ENL</u> 79 62	CIV 1 1	GUAR <u>TOTAL</u> 663 639	D/RES <u>OFF</u> 31 28	SERVE <u>ENL</u> 632 611	
12. Reserve Uni <u>Unit Designat</u> 6th Comm Bn (RES				<u>Aut</u>	Stren <u>chorized</u> 750	~
13. Major Equipon Type Sat Comm, AN/ Sat Comm, VSA Term Sat, AN/	TSC-156 T-L	ft				<u>Aut</u>	thorized 3 6 2	Actual 3 6 2
	Pollution and Abatement (*): al Safety and H				(\$000):			0

MARINE CORFS MILITARY CONSTRUCTION 01 FEB 2016 Installation and Location: M68479 HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS 1.47 BROOKLYN, NEW YORK Blank Page	Component	FY 2017 GUARD AND RESERVE	2. Date
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS Cost Index BROOKLYN, NEW YORK 1.47			
BROOKLYN, NEW YORK 1.47			
Blank Page	BROOKLYN, NEW	YORK	1.47
Blank Page			
		Blank Page	

1. Component						2. Dat	е
NAVY	FY 2017	MILITAR	Y CONSTRU	CTION 1	PROGRAM	01 FE	В 2016
3. Installation	(SA)& Loca	tion/UIC:	M68479(FB)	4. Proje	ect Title		
HEADQUARTERS	4TH MARINE	DIVISION	FMF USMCR,	Electric	Feeder D	uctbank	: -
(BROOKLYN NY)				Brooklyr	ı, NY		
BROOKLYN, NEW	YORK						
5. Program Elem	ent 6. Cate	egory Code	7. Project	Number	8. Projec	t Cost	(\$000)
0515096М	8	1232	P13	35		1,964	

9. COST ESTIMATES

Item	UM	Quantity	Unit	Cost	Cost(\$000)
ELECTRIC FEEDER DUCTBANK -	LS				1,020
BROOKLYN, NY					
ELECTRIC DUCTBANK CC81232	LS				(970)
SPECIAL COSTS	LS				(40)
OPERATION & MAINTENANCE SUPP	LS				(10)
INFO (OMSI)					
SUPPORTING FACILITIES					680
SPECIAL FOUNDATION FEATURES	LS				(20)
PAVING AND SITE IMPROVEMENTS	LS				(130)
ELECTRICAL UTILITIES	LS				(530)
SUBTOTAL					1,700
CONTINGENCY (5%)					90
TOTAL CONTRACT COST					1,790
SIOH (5.7%)					100
SUBTOTAL					1,890
DESIGN/BUILD - DESIGN COST					70
TOTAL REQUEST ROUNDED					1,960
TOTAL REQUEST					1,964

10. Description of Proposed Construction:

The project provides a new dedicated electrical service from the local utility, Consolidated Edison (ConEd), enabling the Marine Corps Reserve Center (MCRC) Facility a reliable source of power, while allowing flexibility for future expansions/additions. The replacement new service would consist of constructing a new ductbank and service feeders from the ConEd point of connection onto the MCRC Facility substation. This distance is approximately 2,600 linear feet. The ductbank would consist of underground high voltage electric utility feeder circuit in a concrete encased conduit. Manholes/handholes would also need to be constructed at several points along the ductbank electric utility feeder route.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards applicable to utility systems.

Special cost includes Post Construction Contract Award Services (PCAS) which includes geospatial survey and mapping.

1. Component NAVY	FY 2017 MILITAR	Y CONSTRUCTION		2. Date 01 FEB 2016
3. Installation(S	SA)& Location/UIC:	M68479(FB) 4. Pro	ject Title	
HEADQUARTERS 47	TH MARINE DIVISION	FMF USMCR, Electr	ic Feeder Du	ictbank -
(BROOKLYN NY)		Brookl	yn, NY	
BROOKLYN, NEW Y	YORK			
5. Program Elemer	nt 6. Category Code	7. Project Numbe	r 8. Project	Cost (\$000)
0515096М	81232	P135	1	1,964

Operations and Maintenance Support Information (OMSI) is included in this project.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Site preparation includes site clearing, excavation and preparation for construction.

Paving and site improvements include grading, sidewalks, landscaping, including cutting and patching pavements where required or possible.

Electrical utilities include primary distribution systems.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. Requirement: $\underline{409} \underline{m2}$ Adequate: Substandard:

PROJECT:

Constructs a new electrical duct bank, cabling, above ground high voltage cable junction boxes and manholes for the Marine Corps Reserve Center at Brooklyn, NY.

(Current Mission)

REQUIREMENT:

Provide a reliable and adequate electrical power supply to the headquarters of the 6th Communication Battalion. This Marine Corps Reserve unit provides radio, data, wire/switching and satellite services to support Marine Expeditionary Forces. Mission requirements are greatly dependent on a reliable electrical system to minimize power interruptions, maintain the operation of critical equipment, and provide a safe working environment.

CURRENT SITUATION:

The 5 KV primary electrical distribution system was built during World War II and is beyond the end of its useful life due to the age of the conductors and the duct bank. During the past few years, the feeder to the MCRC has failed and been repaired many times. A standby emergency

1. Component							2. Date
NAVY	FY 2	FY 2017 MILITARY CONSTRUCTION PROGRAM 01 FEB					
3. Installation	(SA)& L	ocation/U	IC: 1	M68479(FB)	4. Proje	ct Title	
HEADQUARTERS	4TH MAR	INE DIVIS	ION I	FMF USMCR,	Electric	Feeder D	uctbank -
(BROOKLYN NY)					Brooklyn	ı, NY	
BROOKLYN, NEW	YORK						
5. Program Elem	ent 6.	Category	Code	7. Project	Number	8. Projec	t Cost (\$000)
0515096М	5096M 81232 P135 1,964						1,964
_				_			

generator has been installed at the MCRC due to several feeder cable failures. The complete replacement of the existing 5 KV electrical feeder duct bank is needed at this time.

This project is not sited in the 100-year floodplain.

IMPACT IF NOT PROVIDED:

The unit will continue to be unable to fully operate and train appropriately due to continuing electrical power outages, limiting effective use of training resources. The unit will continue to operate with inadequate electrical infrastructure, hampering their ability to meet training and mission goals.

12. Supplemental Data:

- A. Estimated Design Data:
 - 1. Status:

(A) Date design or Parametric Cost Estimate started	07/2014
(B) Date 35% Design or Parametric Cost Estimate complete	06/2015
(C) Date design completed	02/2017
(D) Percent completed as of September 2015	15%
(E) Percent completed as of January 2016	35%
(F) Type of design contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	No
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	
3. Total Cost $(C) = (A) + (B) = (D) + (E)$:	
(A) Production of plans and specifications	\$30
(B) All other design costs	\$50
(C) Total	\$80
(D) Contract	\$10
(E) In-house	\$70

B. Equipment associated with this project which will be provided from other appropriations: NONE

JOINT USE CERTIFICATION:

4. Contract award:

5. Construction start:

6. Construction complete:

The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This is an installation

12/2016

03/2017

11/2017

. Component NAVY	Y 2017 MILITAR	Y CONSTRUCTION I	PROGRAM 2. Date 01 FEB 2016
	MARINE DIVISION	M68479(FB) 4. Proje FMF USMCR, Electric Brooklyr	c Feeder Ductbank -
. Program Element	6. Category Code	7. Project Number	8. Project Cost (\$000)
0515096M	81232	P135	1,964
			for joint use at this are benefited by this
ctivity POC: Proje	ct Development Le	ead Phone No:50)4 697 9862

1. Component	FY 20	17 GUAR	D AN	D RES	ERVE		2. Date	!
NAVY	MII	ITARY C	CONST	RUCTI	ON		01 FEE	3 2016
3. Installation and Location: M68479 HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS SYRACUSE, NEW YORK					4. Area Const Cost Index 1.13			
	nd Type Of Utili mall permanent s		d 2 t	o 3 dag	ys a mo:	nth by	the	
Aemy reserve NOSC - acros	e/Guard/Reserve center - colloc s the street. Guard - 1 mie.		tions	Withir	n 15 Mi	les		
<u>Cat</u> <u>Code</u> <u>Projec</u> 17115 MCRC 1	quested In This ct Title Reserve Center a use, NY			_			<u>Design</u> <u>Start</u> <u>C</u> 09/2015 (omplete
8. State Reserv	ve Forces Facili	ties Boa	rd Re	commend	dation		21 May	
9. Land Acquisi	tion Required						(Dai	
NO	teron negatica						(No. of	Acres)
10. Projects Pl <u>P No</u> <u>Title</u> None	anned In Next F	our Year:	S	Ē	PΥ		Scope	<u>Cost</u> (\$000)
R&M Unfunded	Requirement (\$0)00):						
11. Personnel S As Of 09-30-3 Authorized:	2015 <u>TOTAL</u> 10	1	ENL 9	CIV 0	TOTAL 144	5	ENL 139	
Actual:	10	1	9	0	144	4	140	
			h MAR	DIV		<u>Aut</u>	Stren <u>thorized</u> 144 10	
Type 7-Tons HMMV's Light Armored	ment and Aircra						chorized 4 3 25	Actual 4 3 25
a. Pollution	g Pollution and Abatement (*): nal Safety and H				(\$000)	:		0

Component NAVY	FY 2017 GUARD AND RESERVE MILITARY CONSTRUCTION	2. Date 01 FEB 2016
Installation	and Location: M68479	4. Area Const
HEADQUARTERS 4		
SYRACUSE, NEW	1.13	
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1. Component NAVY FY 2017 MILITARY CONSTRUCTION PROGRAM						2. Date 01 FEB 2016		
3. Installation(SA)& Location/UIC: M68479(AC) 4. Project Title								
HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MCRC Reserve Center (SYRACUSE MCRC)						er at Syracuse		
SYRACUSE, NEW	YOF	RK						
5. Program Elem	ent	6.	Categor	y Code	7. Project	Number	8. Projec	t Cost (\$000)
0515096М			1711	5	₽777			13,229
9. COST ESTIMATES								

UM	Quantity	Unit Cost	Cost(\$000)
m2	3,297.99		9,460
m2	2,554.83	2,903.12	(7,420)
m2	371.58	2,376.31	(880)
m2	371.58	802.94	(300)
			(00)
ь			(90)
T.Q			(240)
1 1			(170)
1 1			(50)
			(30)
LS			(310)
			,
			2,040
LS			(90)
LS			(610)
LS			(940)
LS			(110)
LS			(140)
LS			(150)
			11,500
			580
			12,080
			690
			12,770
			460
			13,230
			13,229
			(1,133)
	m2 m2 m2 LS LS LS LS LS LS LS	m2 3,297.99 m2 2,554.83 m2 371.58 m2 371.58 LS LS LS LS LS LS LS LS LS LS LS LS LS	m2 3,297.99 m2 2,554.83 2,903.12 m2 371.58 2,376.31 m2 371.58 802.94 LS LS LS LS

10. Description of Proposed Construction:

Constructs a one-story reserve center building with steel frame, spread footing with concrete foundation, slab on grade, and pitched metal roof

1. Component				2. Date		
NAVY	FY 2017 MILITAR	PROGRAM	01 FEB 2016			
3. Installation(SA)& Location/UIC: M68479(AC) 4. Project Title						
HEADQUARTERS 4	TH MARINE DIVISION	FMF USMCR, MCRC Res	serve Cente	er at Syracuse		
(SYRACUSE MCRO		NY	NY			
SYRACUSE, NEW	YORK					
5. Program Eleme	ent 6. Category Code	7. Project Number	8. Project	Cost (\$000)		
0515096М	17115	P777] 1	.3,229		

with rigid insulation. Includes interior spaces for administration, classrooms, storage, lockers, janitorial, and mechanical equipment.

Constructs a pre-engineered metal building (PEMB) with concrete foundation which will be a high bay storage warehouse.

Constructs a pre-engineered metal covered shelter with a concrete foundation, standing seam metal roof and electrical systems. The covered parking shelter will have a dehumidifier for the vehicles as installed equipment. Located under the roof are lights and hangers that hold the installed equipment, which are various 12-inch diameter flex hoses that run like a spider's legs from the centrally located de-humidifier to each Light Armored Vehicle (LAV). The dehumidifier removes the water in the air out of each LAV. The USMC has built several of these shelters at various USMC reserve locations during the last two years.

Information systems include basic telephone, computer network, fiber optic, cable television, security and fire alarm systems and infrastructure.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Built-In Equipment includes Bleachers, Individual Combat Equipment (ICE) gear lockers, and double lockers for assigned personnel.

Special cost includes Post Construction Contract Award Services (PCAS) and geospatial survey and mapping.

Operations and Maintenance Support Information (OMSI) is included in this project.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of this project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

Site preparation includes clearing, excavation, demolition, and general preparation for construction.

Special foundation feature is a pile foundation for all facilities to be

1. Component				2. Date		
NAVY	FY 2017 MILITARY	PROGRAM	01 FEB 2016			
3. Installation(SA)& Location/UIC: M68479(AC) 4. Project Title						
HEADQUARTERS 4	TH MARINE DIVISION 1	FMF USMCR, MCRC Res	serve Cent	er at Syracuse		
(SYRACUSE MCRC	.)	NY				
SYRACUSE, NEW YORK						
5. Program Eleme	nt 6. Category Code	7. Project Number	8. Projec	t Cost (\$000)		
0515096M	17115	17115 P777				

built at the site.

Paving and site improvements include road grading, access roads, asphalt parking lot repair to accommodate approximately 105 additional privately owned vehicles, concrete parking lot for tactical vehicles, warehouse site paving, landscaping, signs, and chain link fence. This project relocates an existing 2,000 gallon diesel, above ground, double walled contained, cast in concrete fuel tank and refueling system.

Electrical utilities include primary and secondary distribution systems, lighting, telecommunications infrastructure and renewable energy features.

Mechanical utilities include gas and water lines, sanitary and storm sewer lines, dry pipe fire protection systems and supply lines.

This project demolishes Building #44 (1161 m2) the existing warehouse storage facility.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria. Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

11. Requirement: $3299 \, \text{m2}$ Adequate: Substandard: $372 \, \text{m2}$

PROJECT:

Constructs a reserve center, an organic equipment storage warehouse, and a covered equipment shelter. Project will also provide privately-owned and tactical vehicle parking and all associated site improvement work.

(Current Mission)

REQUIREMENT:

Provide adequate facilities to support two Light Armored Reconnaissance units' training, maintaining, and recruiting missions. Currently the Marines jointly occupy an Army Reserve facility. The Army is moving to a new facility and Marines would need to take over the large and deteriorating Army facility with high repair and maintenance costs. Marines constructing their own new facility is more cost effective.

CURRENT SITUATION:

The Syracuse Armed Forces Reserve Center site includes an existing Marine Corps Reserve Center (MCRC) with a deteriorated supply storage facility, both located on Marine Forces Reserve-owned land. The existing reserve

1. Component				2. Date		
NAVY	FY 2017 MILITAR	PROGRAM	01 FEB 2016			
3. Installation(SA)& Location/UIC: M68479(AC) 4. Project Title						
HEADQUARTERS 4	HEADQUARTERS 4TH MARINE DIVISION FMF USMCR, MCRC Reserve Center at Syracuse					
(SYRACUSE MCRO	2)	NY				
SYRACUSE, NEW	YORK					
5. Program Eleme	ent 6. Category Code	7. Project Number	8. Projec	t Cost (\$000)		
0515096М	17115	P777	-	13,229		

center is owned by the Army Reserve, and its administrative spaces are shared with the two Marine Corps Reserve units. Due to the poor physical condition of the reserve center, the Army is vacating as soon as its new reserve center (FY15 MILCON) is completed. As a result, the Army has deferred maintenance on the building. As the Army departs, the Marine Corps reserve units will remain in the physically failing facility (cracks in floors and walls, windows separating from CMU, cracks in the outside walls, inoperable fire suppression system, water pipes running above communication wires, inefficient or non-existent HVAC, access to mechanical spaces severely limited during snowfall, etc.). Once Marine Forces Reserve departs the existing facility, the Army Reserve plans to demolish the building.

The project is not sited in the 100-year floodplain.

IMPACT IF NOT PROVIDED:

Marines will continue to work and train in failing facilities that are minimally maintained and this will continue to negatively impact training, readiness, recruiting and retention. Working in facilities with structural failings and inoperable fire safety systems put Marines at risk.

12. Supplemental Data:

A. Estimated Design Data:

1. Status:

1. Status.	
(A) Date design or Parametric Cost Estimate started	06/2014
(B) Date 35% Design or Parametric Cost Estimate complete	06/2015
(C) Date design completed	04/2017
(D) Percent completed as of September 2015	15%
(E) Percent completed as of January 2016	35%
(F) Type of design contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy Study/Life Cycle Analysis performed	No
2. Basis:	
(A) Standard or Definitive Design	No
(B) Where design was previously used	N/A
3. Total Cost $(C) = (A) + (B) = (D) + (E)$:	
(A) Production of plans and specifications	\$300
(B) All other design costs	\$210
(C) Total	\$510
(D) Contract	\$210
(E) In-house	\$300
4. Contract award:	12/2016
5. Construction start:	05/2017

1. Component				2. Date			
NAVY	FY 2017 MILITAR	PROGRAM	01 FEB 2016				
3. Installation(3. Installation(SA)& Location/UIC: M68479(AC) 4. Project Title						
HEADQUARTERS 4	TH MARINE DIVISION	FMF USMCR, MCRC Res	erve Cent	er at Syracuse			
(SYRACUSE MCRC	!)	NY					
SYRACUSE, NEW	YORK						
5. Program Eleme	ent 6. Category Code	7. Project Number	8. Projec	t Cost (\$000)			
0515096М	17115	P777	13,229				

6. Construction complete:

11/2018

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

<u>Equipment</u>	FY Approp		
<u>Nomenclature</u>	Approp	or Requested	<u>Cost (\$000)</u>
Comm/Data Equipment	PMC	2018	50
FFE	O&MMCR	2018	950
IDS	PMC	2018	35
Portable MILSPRAY	PMC	2018	98

JOINT USE CERTIFICATION:

The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board determined that unilateral construction was the best alternative to support this mission.

Activity POC: Project Development Lead Phone No:435 962 0221

1. Component	EW 001E 16TT TEND		22222	2. Date
NAVY	FY 2017 MILITARY	Y CONSTRUCTION E	PROGRAM	01 FEB 2016
3. Installation	(SA)& Location/UIC: [M68479(AC) 4. Proje	ct Title	
HEADQUARTERS	4TH MARINE DIVISION I	FMF USMCR, MCRC Res	erve Cent	er at Syracuse
(SYRACUSE MCR		NY		
SYRACUSE, NEW				
5. Program Elem	ment 6. Category Code	7. Project Number	8. Projec	t Cost (\$000)
0515096M	17115	P777		13,229
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1. Component MARINE CORPS	_	17 GUAI ITARY (2. Date	
3. Installation HEADQUARTERS GALVESTON, TE	4TH MARINE DIVI		USMCE	R, MA	RINE COF	RPS BAS		Const Index
5. Frequency And Daily by a sm reservists.	d Type Of Utili all permanent s		l two t	to th	ree days	s a mont	th by the	(9
	/Guard/Reserve Office - Galves ps of Engineers	ston, TX	(U.S.	Coas	t Guard)		, TX	
7. Projects Requ <u>Cat</u> <u>Code</u> <u>Projec</u> 17115 Reserv TX				2	<u>Scope</u> 753 m2	(\$000)	Design Start C	omplete
8. State Reserve	e Forces Facili	ties Boa	rd Rec	ommer	ndation		22 Apr	
Approved. 9. Land Acquisit	tion Required						(Dat	te)
NO	cion Required						(No. of	Acres)
10. Projects Pla P No Title None	anned In Next F		s		<u>PY</u>		Scope	<u>Cost</u> (\$000)
11. Personnel St As Of 09-30-2 Authorized: Actual:	trength	PERMANE OFF	ENT ENL 15	CIV 0 0	GU <u>TOTA</u> 209 175	6	$\underline{\mathtt{ENL}}$	
12. Reserve Unit Unit Designat	t Data						Stren chorized	
	., 4th AAV Bn., AAV Co. C, 4th		RDIV				225	191
Assault Amphi Assault Amphi M1114 (Up-Arm M1123 (High B M1152A1 (High	bious Vehicle (bious Vehicle E bious Vehicle E ored HMMWV) ack HMMWV) Back HMMWV)	2-7 2-7 2-7	acement			Aut	1 22 1 0 2 2 1 2	Actual 1 16 1 4 0 2 2
	Pollution and Abatement (*): al Safety and F				\$ (\$000)	:		0

. Component	FY 2017 GUARD AND RESERVE	2. Date
MARINE CORPS	01 FEB 2016	
. Installation	and Location: M68479	4. Area Const
HEADQUARTERS	4TH MARINE DIVISION FMF USMCR, MARINE CORPS BAS	Cost Index
GALVESTON, TE	XAS	.84
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1. Component									2. Date
NAVY	F	FY 2017 MILITARY CONSTRUCTION PROGRAM					PROGRAM	01 FEB 2016	
3. Installation	3. Installation(SA)& Location/UIC: M68479(HD) 4. Project Title								
HEADQUARTERS	4TH	MARINE	DIVI	SION :	FMF	USMCR,	Reserve	Center An	nex at
(GALVESTON TX	MCF	RC)					Galvesto	on TX	
GALVESTON, TE	XAS								
5. Program Elem	ent	6. Cat	egory	Code	7.	Project	Number	8. Projec	t Cost (\$000)
0515096М		-	17115		P881				8,414
·									•

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
RESERVE CENTER ANNEX AT GALVESTON	m2	2,752.97		4,850
TX (29,633SF)				
RESERVE CENTER ANNEX CC17115	m2	812.9	2,735.47	(2,220)
(8,750SF)				
VEHICLE MAINT. ADDITION TO	m2	232.3	4,057.01	(940)
RESERVE CENTER CC21410 (2,500SF)				
RESERVE TRAINING CENTER	m2	1,707.77	614.02	(1,050)
CC17115 (18,382SF) (RENOVATE)	T 0			(50)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
BUILT-IN EQUIPMENT	LS			(350)
SPECIAL COSTS	LS			(120)
OPERATION & MAINTENANCE SUPP	LS			(20)
INFO (OMSI)	ПО			(20)
SUSTAINABILITY AND ENERGY	LS			(100)
FEATURES				(===,
SUPPORTING FACILITIES				2,460
SITE PREPARATIONS	LS			(830)
SPECIAL FOUNDATION FEATURES	LS			(230)
PAVING AND SITE IMPROVEMENTS	LS			(1,100)
ELECTRICAL UTILITIES	LS			(170)
MECHANICAL UTILITIES	LS			(130)
SUBTOTAL				7,310
CONTINGENCY (5%)				370
TOTAL CONTRACT COST				7,680
SIOH (5.7%)				440
SUBTOTAL				8,120
DESIGN/BUILD - DESIGN COST				290
TOTAL REQUEST ROUNDED				8,410
TOTAL REQUEST				8,414
EQUIPMENT FROM OTHER				(855)
APPROPRIATIONS (NON ADD)				

10. Description of Proposed Construction:

Constructs a reserve center annex that is a one-story metal framed, masonry wall building with a standing seam sloped metal roof, electrical/lighting, fire protection systems, heating, venting and air conditioning

1. Component	EV 2017	MTTTTTAD	Y CONSTRU	CTTON I	DOCDAM	2. Dat	е
NAVY	FI 2017	MILLIAR	CONSTRU	ICITON I	PROGRAM	01 FE	B 2016
3. Installation	. Installation(SA)& Location/UIC: M68479(HD) 4. Project Title						
HEADQUARTERS 4	4TH MARINE I	DIVISION :	FMF USMCR,	Reserve Center Annex at			
(GALVESTON TX MCRC)				Galveston TX			
GALVESTON, TEX	XAS						
5. Program Eleme	ent 6. Categ	ory Code	7. Project	Number	8. Projec	t Cost	(\$000)
0515096М	17	115	P88	1		8,414	

systems, electrical systems, plumbing systems and built-in equipment. The floor will be slab on grade with piles and concrete foundation. This building will contain a supply warehouse with administrative offices, locker room for individual combat equipment, and both male and female heads and showers.

Constructs a Combat Vehicle Maintenance Facility (CVMF) addition to the existing reserve center facility with a concrete foundation, concrete floors, masonry walls, sloped standing seam metal roofing system, overhead doors, fire protection systems, high bay work areas, steel personnel doors, heating, ventilation, electrical utilities, mechanical utilities, vehicle lube system, vehicle exhaust system and air compressor systems.

The project includes the renovation of interior spaces of the existing reserve center building (Building #1).

Information systems include basic telephone, non-secure internet protocol router network, secret internet protocol router network, fiber optic, cable television, closed circuit television, intercom system, electronic security and fire alarm systems and infrastructure.

This project will provide Anti-Terrorism/Force Protection (AT/FP) features and comply with AT/FP regulations, and physical security mitigation in accordance with DoD Minimum Anti-Terrorism Standards for Buildings.

Built-in equipment includes double lockers, individual combat equipment storage lockers, benches, palletized container storage racks, wire mesh caging, weapons maintenance tables, weapons cleaning tables, compressed air systems, secure communication electronics equipment storage shelves and lockers, grounded electronics maintenance tables, helmet drying system, vehicle lubrication system and vehicle exhaust system.

Special cost includes Post Construction Contract Award Services (PCAS), which includes geospatial survey and mapping.

Operations and Maintenance Support Information (OMSI) is included in this project.

Department of Defense and Department of the Navy principles for high performance and sustainable building requirements will be included in the design and construction of the project in accordance with federal laws and Executive Orders. Low Impact Development will be included in the design and construction of this project as appropriate.

1. Component NAVY	FY 2017 MILITAR	Y CONSTRUCTIO	N PROGRAM	2. Date 01 FEB 2016	
3. Installation	(SA)& Location/UIC:	M68479(HD) 4. Pi	oject Title		
HEADQUARTERS (GALVESTON TX			Reserve Center Annex at Galveston TX		
GALVESTON, TE					
5. Program Elem	ent 6. Category Code	7. Project Numb	er 8. Projec	t Cost (\$000)	
0515096М	17115	P881		8,414	

Site preparation includes site clearing, excavation, fill and borrow, relocation of the existing sanitary sewer forced main and preparation for construction.

Special foundation features include pilings.

Paving and improvements will construct concrete tactical vehicle parking areas and the construction of overhead cover with lighting and power for amphibious assault vehicles. Also constructs asphalt parking areas for approximately 105 additional personally owned vehicle (POV). The POV parking area will require an asphalt access roadway. Parking areas will be provided security lighting, provided security fencing and vehicle gates. Other facilities include additional perimeter security fencing with a control point gate and the relocation of a covered shelter. This project also relocates the existing Marine Corps Martial Arts Training (MCMAT) pit to make room for the tactical vehicle parking expansion pavement area.

Electrical utilities include primary and secondary distribution systems, lighting, fans, transformers and telecommunications infrastructure.

Mechanical utilities include gas, water and sanitary sewer lines.

Facilities will be designed to meet or exceed the useful service life specified in DoD Unified Facility Criteria (UFC). Facilities will incorporate features that provide the lowest practical life cycle cost solutions satisfying the facility requirements with the goal of maximizing energy efficiency.

Building #1 is fourteen feet above sea level and the addition is planned to match this elevation. As flood mitigation measure the reserve center annex will then be constructed two feet above the 100 year flood elevation. The vehicle maintenance addition to the existing maintenance facility will be constructed to avoid flood hazards to the electrical and mechanical systems.

11. Requirement: $3032 \, \text{m}^2$ Adequate: $232 \, \text{m}^2$ Substandard: $1,755 \, \text{m}^2$ PROJECT:

Constructs a reserve center annex, expands the existing vehicle maintenance area, and renovates and modernizes the existing reserve center to support unit expansion which includes personnel, equipment and maintenance support activities. Other facilities include privately-owned and tactical vehicle parking and all associated site improvement work.

1. Component				2. Date			
NAVY	FY 2017 MILITAR	01 FEB 2016					
3. Installation(3. Installation(SA)& Location/UIC: M68479(HD) 4. Project Title						
HEADQUARTERS 4	TH MARINE DIVISION	FMF USMCR, Reserv	e Center An	nex at			
(GALVESTON TX	MCRC)	Galves	Galveston TX				
GALVESTON, TEX	KAS						
5. Program Eleme	ent 6. Category Code	7. Project Numbe	r 8. Projec	t Cost (\$000)			
0515096М	17115	P881		8,414			

(Current Mission)

REQUIREMENT:

Additional reserve center and maintenance space with adequate parking area is required to support the increase in the unit size.

CURRENT SITUATION:

The current facilities support an Amphibious Assault Vehicle (AAV) platoon and this unit is expanding from a platoon to a full company. The AAV platoon currently operates out of the existing reserve center which is undersized and lacks storage space. The inadequate and inefficiently configured existing facilities will not be able to support a company-size unit.

The current number of personnel at the Galveston, TX site is 191 personnel. The total authorized strength is 225 active duty and reserve personnel. The unit has officially transitioned from a platoon to a company. However, the unit has not yet reached full company strength in reserve personnel.

Regarding the vehicles, the unit presently has 27 vehicles on hand: Assault Amphibious Vehicle (AAV) P-7:16 (22 authorized)

AAV C-7: 1 (1 authorized)

AAV R-7: 1 (1 authorized)

MTVR23 (7-Ton Truck): 2 (2 authorized)

M1152A1 (High Back HMMWV): 0 (2 authorized)

MKR18 Logistics Vehicle System Replacement (LVSR): 2 (1 authorized)

M1123 (High Back HMMWV): 4 (2 authorized)

M1114 (Up-Armored HMMWV) [UAH]: 1 (0 authorized)

The most significant deficit in vehicles exists with the AAV P-7's relative to the change from platoon to company. AAVs are large, armored, tracked vehicles equipped with considerable armament. The unit is authorized 22 of these, yet only has 16 on hand. The unit has purposely delayed the fielding of these vehicles to the unit until P-881 is completed and the additional space required to store and maintain them is provided.

The project is not sited in the 100-year floodplain.

IMPACT IF NOT PROVIDED:

The inadequate and undersized facilities are negatively impacting unit operations now and the unit expansion to a company will exacerbate the situation which will have a negative impact to readiness.

12. Supplemental Data:

1. Component	EV 2017	MIL IMAD	v condendiceton	DDOGDAM	2. Date
NAVY	FY 2017	MILITAR	Y CONSTRUCTION	PROGRAM	01 FEB 2016
3. Installation	(SA)& Locat	ion/UIC:	M68479(HD) 4. Pro	ject Title	•
HEADQUARTERS	4TH MARINE	DIVISION 1	FMF USMCR, Reserv	e Center An	nex at
(GALVESTON TX	MCRC)		Galves	ton TX	
GALVESTON, TE	XAS			_	
5. Program Elem	ent 6. Cate	gory Code	7. Project Numbe	r 8. Projec	ct Cost (\$000)
0515096M	17	7115	P881		8,414
A. Estimated I	Design Data	:			
1. Status:					
(A) Date of	design or Pa	arametric	Cost Estimate st	arted	06/2014
(B) Date 3	35% Design (or Paramet	tric Cost Estimat	e complete	06/2015
	design comp				04/2017
			eptember 2015		15%
	nt completed		nuary 2016		35%
	of design co				Design Build
			to develop cost		Yes
(H) Energy 2. Basis:	y Study/Life	e Cycle Ar	nalysis performed		No
	ard or Defi	nitimo Dog	ai an		No
	design was		_		NO
3. Total Cos	_	_	_		
			pecifications		\$300
	ther design		Decilicacions		\$210
(C) Total	ciici acbigii	CODED			\$510
(D) Contra	act				\$210
(E) In-hou					\$300
4. Contract					01/2017
5. Construct	tion start:				05/2017
6. Construct	tion complet	te:			11/2018
B. Equipment a			project which wi	ll be provi	ded from

other appropriations:

<u>Equipment</u>	Procuring	FY Approp	
<u>Nomenclature</u>	Approp	or Requested	<u>Cost (\$000)</u>
Collateral Equipment	O&MMCR	2018	770
Comm/Data Equipment	PMC	2018	50
IDS	PMC	2018	35

JOINT USE CERTIFICATION:

The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. The State Joint Services Reserve Component Facilities Board has reviewed this project for joint use potential. That board determined that unilateral construction was the best alternative to support this mission.

Activity POC: MARFORRES Project Phone No:435 962 0221 Development Lead

1. Component					2. Date
NAVY	FY 2017 MILITAR	r CONSTRUC	TITON E	'KUGKAM	01 FEB 2016
3. Installation	n(SA)& Location/UIC:	M68479(HD)	1. Proje	ct Title	
	4TH MARINE DIVISION				nex at
(GALVESTON TX			Galvesto		
GALVESTON, TE	IXAS				
5. Program Elem	nent 6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)
0515096M	17115	P881			8,414
	В	lank Page			

1. Component	EV 0015 MT TEND	v condendice ton	DDOGDAN	2. Date		
NAVY	FY 2017 MILITARY	01 FEB 2016				
3. Installation	(SA)& Location/UIC: N	164480 4. Proje	ect Title			
RESERVE PLANN UNSPECIFIED,	IING/DESIGN WORLDWIDE LOCATIONS	Planning	Planning and Design			
5. Program Elem	nent 6. Category Code	7. Project Number	8. Projec	t Cost (\$000)		
		P517		3,783		

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING AND DESIGN	LS			3,780
PLANNING AND DESIGN	LS			(3,780)
SUBTOTAL				3,780
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				3,780
SIOH (0%)				0
SUBTOTAL				3,780
TOTAL REQUEST ROUNDED				3,780
TOTAL REQUEST				3,783

10. Description of Proposed Construction:

Funds to be utilized under Title 10 USC 18233(e) for architectural and engineering services and construction design in connection with military construction projects including regular program projects, exceptional authority construction (including unspecified minor construction) projects, land appraisals, and other projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.

11. Requirement:

PROJECT:

Planning and design funds.

(Current Mission)

REQUIREMENT:

All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used.

CURRENT SITUATION:

N/A

IMPACT IF NOT PROVIDED:

N/A

12. Supplemental Data:

A. Estimated Design Data:

1. Component	FY 2017 MILITARY	V CONGTDI	ICTTON I	рросрам	2. Date
NAVY	ri 2017 Millian.	CONSTRU	CIION	ROGRAM	01 FEB 2016
3. Installation	n(SA)& Location/UIC: N	164480	4. Proje	ect Title	
RESERVE PLANN	IING/DESIGN		Planning	g and Desi	gn
UNSPECIFIED,	WORLDWIDE LOCATIONS				
5. Program Elem	ment 6. Category Code	7. Project	Number	8. Projec	t Cost (\$000)
		P51	.7		3,783
1. Status:					
(A) Date	design or Parametric	Cost Estir	mate star	rted	
(B) Date	35% Design or Paramet	tric Cost I	Estimate	complete	
(C) Date	design completed				
(D) Perce	nt completed as of Se	eptember 20	15		
(E) Perce	nt completed as of Ja	nuary 2016			
(F) Type	of design contract				
(G) Param	etric Estimate used t	to develop	cost		N/A
-	y Study/Life Cycle Ar	nalysis per	rformed		
2. Basis:					
	ard or Definitive Des	_			
	design was previous				
	st(C) = (A) + (B) =				
	ction of plans and sp	pecificatio	ons		
	ther design costs				άO
(C) Total					\$0
(D) Contr (E) In-ho					
4. Contract					10/2009
5. Construc					10/2009
	tion complete:				10/2011
	_			,	
	associated with this opriations: NONE	project wh	nich Will	be provi	ded from
JOINT USE CERTI	FICATION:				
N/A					
Activity POC:		Pho	one No:		

MCNR POM 17 FYDP LIST

Component	FY	Appn	Installation	Location	Project Title	Facility Category	Program Element	Budgeted Amount	Mission	Footprint
MCNR	2017	1235	NAS NEW ORLEANS	LA	Joint Reserve Intelligence Center	143	0203176N	11,207		Replacement
MCNMCR	2017	1235	4TH MARDIV	NY	Electric Feeder Ductbank - Brooklyn, NY	812	0515096M	•	Existing	New
MCNMCR	2017	1235	4TH MARDIV	NY	MCRC Reserve Center at Syracuse, NY	171	0515096M	13,229	Existing	New
MCNMCR	2017	1235	4TH MARDIV	TX	Reserve Center at Galveston, TX	171	0515096M	8,414	Existing	New
MCNMCR	2017	1235	MCNR DESIGN FUNDS	ZU	USMCR Planning and Design	999	0505796M	1,317	ū	
MCNR	2017	1235	MCNR DESIGN FUNDS	ZU	MCNR Planning & Design	999	0901211N	2,466		
	2017 To	otal						38,597		
MCNMCR	2018	1235	4TH MARDIV	AZ	Reserve Training Center - Luke AFB	171	0515096M	22,070	Existing	New
MCNR	2018	1235	NAS LEMOORE CA	CA	NOSC Lemoore	171	0815976N	17,615	Existing	New
MCNR	2018	1235	SUBASE KINGS BAY GA	GA	NOSC Augusta GA	171	0815976N	13,150	Existing	New
MCNMCR	2018	1235	MCNR DESIGN FUNDS	ZU	USMCR Planning and Design	999	0505796M	1,355		
MCNR	2018	1235	MCNR DESIGN FUNDS	ZU	MCNR Planning & Design	999	0901211N	923		
MCNR	2018	1235	MCNR MINOR CONSTRUCTIO	ZU	MCNR Unspecified Minor Construction	999	0901211N	1,095		
	2018 To	otal						56,208		
MCNMCR	2019	1235	4TH MARDIV	MI	Reserve Training Center - Selfridge, MI	171	0515096M	12,809	Existing	New
MCNMCR	2019	1235	4TH MARDIV	NJ	HMLA Ramp Expansion - Joint Base MDL, NJ	112	0515096M	9,891	Existing	New
MCNR	2019	1235	NAVSTA EVERETT WASH	WA	Joint Reserve Intelligence Center	143	0212176N	37,282	New	New
MCNMCR	2019	1235	MCNR DESIGN FUNDS	ZU	USMCR Planning and Design	999	0505796M	1,395		
	2019 To	otal						61,377		
MCNMCR	2020	1235	4TH MARDIV	CA	Reserve Training Center - Port Hueneme, CA	171	0515096M	13,952	Existing	New
MCNMCR	2020	1235	4TH MARDIV	NY	KC-130 Simulator Facility - Stewart, NY	171	0515096M	8,782	Existing	New
MCNMCR	2020	1235	MCNR DESIGN FUNDS	ZU	USMCR Planning and Design	999	0505796M	1,401		
	2020 To	otal						24,135		
MCNMCR	2021	1235	4TH MARDIV	TX	Reserve Training Center - White Settlement, TX	171	0515096M	23,213	Existing	New
MCNMCR	2021	1235	MCNR DESIGN FUNDS	ZU	USMCR Planning and Design	999	0505796M	1,396		
	2021 To	otal						24,609		
	Grand 7	Γotal						204,926		