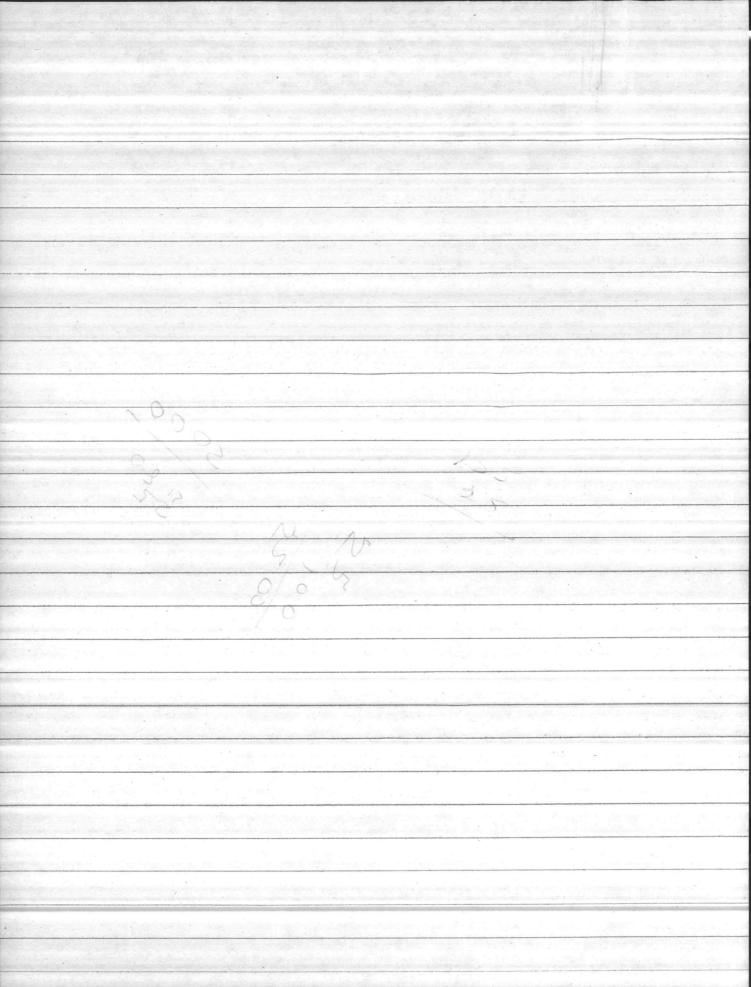
Renoched F177

MAINTENANCE COST OF

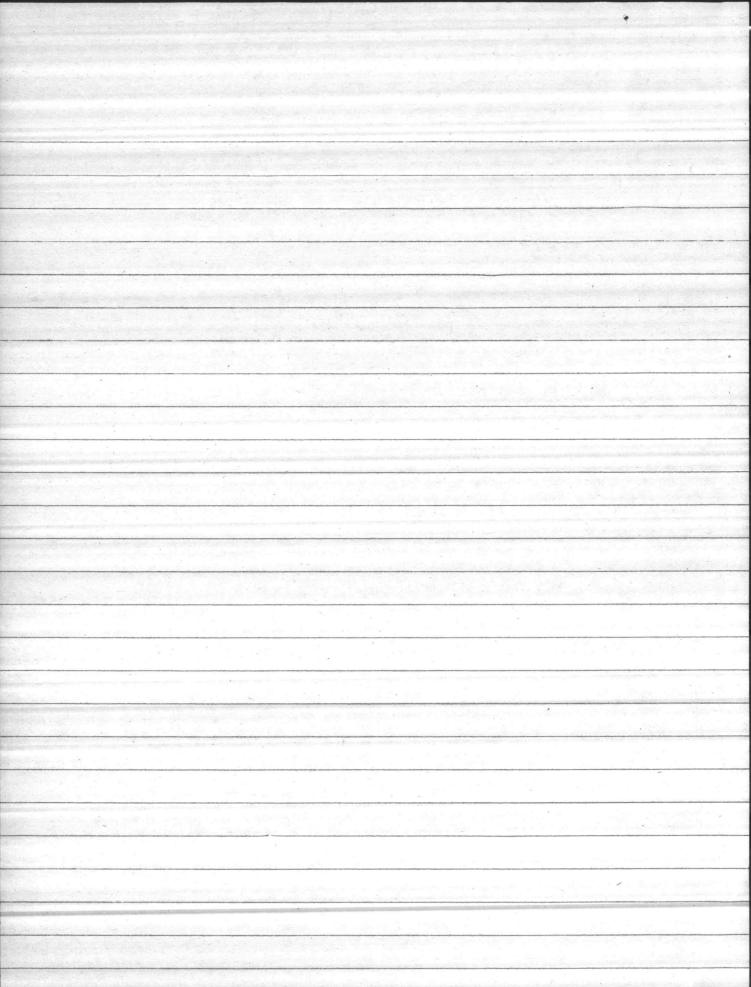
EXISTING FACILITIES NOT USED. PACTOR

	USCO MAINI		
	NO BLOGS	COST	COST / ISLOG
ELEC	204		58.41
STEAM/WATOR	311	· · · · · · · · · · · · · · · · · · ·	423,00
Plumbing.	250		370,00
) Ale Filters	58	32412,23	558,91
n han also getre da la serie da la ser La serie da la s	18 2		20 89,91
Plaster.	18		799.31
MASON	18	5652,61	3.14,42
E/BLdg			46-13.96
and the second second	76 × 88	-065 = 36 9	711.68
PM		SPECIFIC J/0'S	NO. TICKETS 2) \$25
			\$1,975
		548	2,500
		-	3875
			2325
			1875
			1475
		4162	2450
		an an an ga 🚅 barair	2000
369111	8	7479	18, 525
	2	and the second s	and the second sec
	-ELEC STRam/WATOR Plumbins Alc Filters Carponty Plaster MASON F/BLdg AG13.0 PM	NO BLOGS -ELEC 204 STRAM/WATTOR 311 Plumbinic 250 AlcFilters 58 Carponty 18 Plaster 18 MASON 18 -/BLdg 4613.96 × 88	NO BLOGS COST ELEC 204 11,916.82 STRam/WATKR 311 131,553.18 Plumbinde 250 92,500.42 AlcFilters 58 32,412,23 Carponta 18 37,618,55 Plumbinde 18 37,618,55 Claster 18 14,387,60 MASON 18 5659,61 T/BLdg 4613.96 386065 = 36,9 2769 348 2769 548

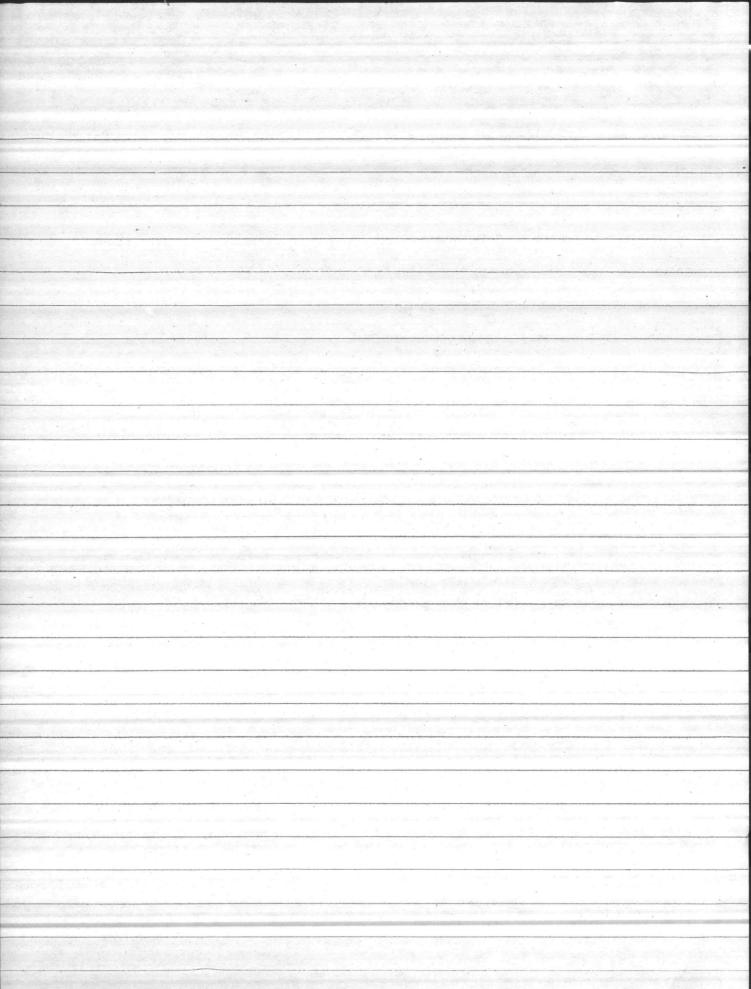
TOTAS 63,915,68



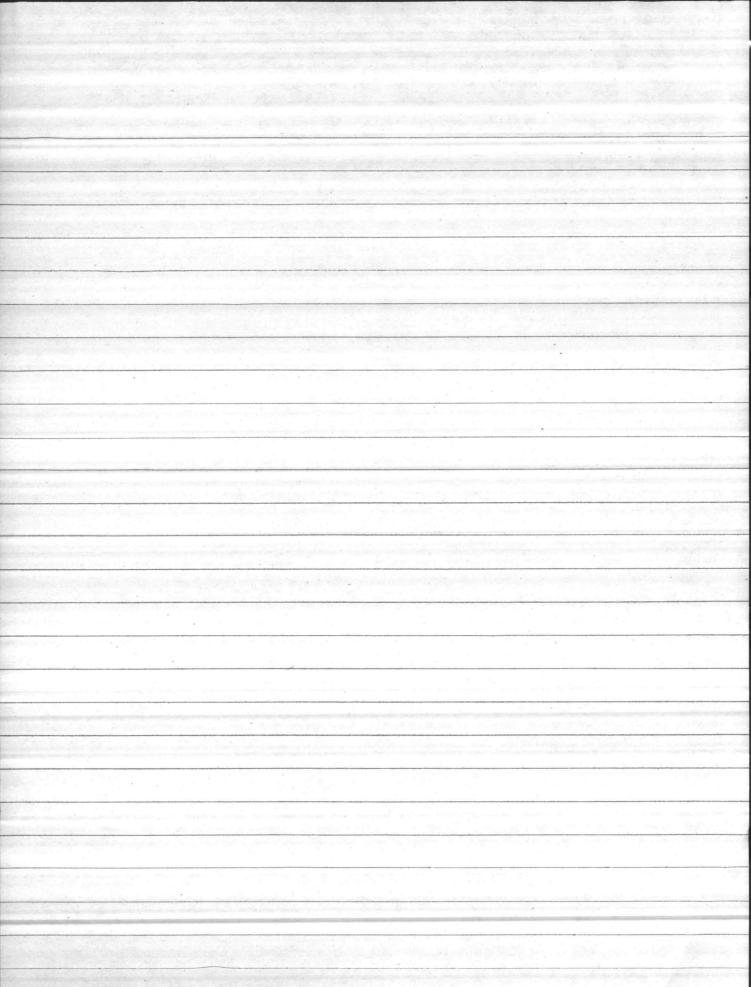
P-611 Unaccompanied Enlisted Personnel Housing (UEPH) (1)A. Proposed Facility Annual 1. Maintenance Cost = Project Cost x Maint. Factor $= \frac{13.9 \text{ M} \times .0189}{262,710} = 262,710$ $COST/BLDG = 262,710 \div 5 = $52,542$ 2. Whility; Costs: a. Electricity: [874,900KWH/YRX.03357/KWH= 62,940 b. steam: == 110,513 1bs/yr x .00733/1b= 15,470 C. Water & Sewage: 50 gal per man por day (1,) Annual water Cost: 1350 men x 50 gal/day x . 61/1000gal x 365 days = \$ 15,029 (2) Annual Sewage Cost: 1350 men x 50 gal/day x. 47/1000 gal x 365 days = \$ 11,580 d. SUMMANY of UTILITY COSTS (Annual) por ELECTRICITY 9 62, 940 5 team 15, 47 0 water and sourage _ 26, 609 Total \$ 105,019



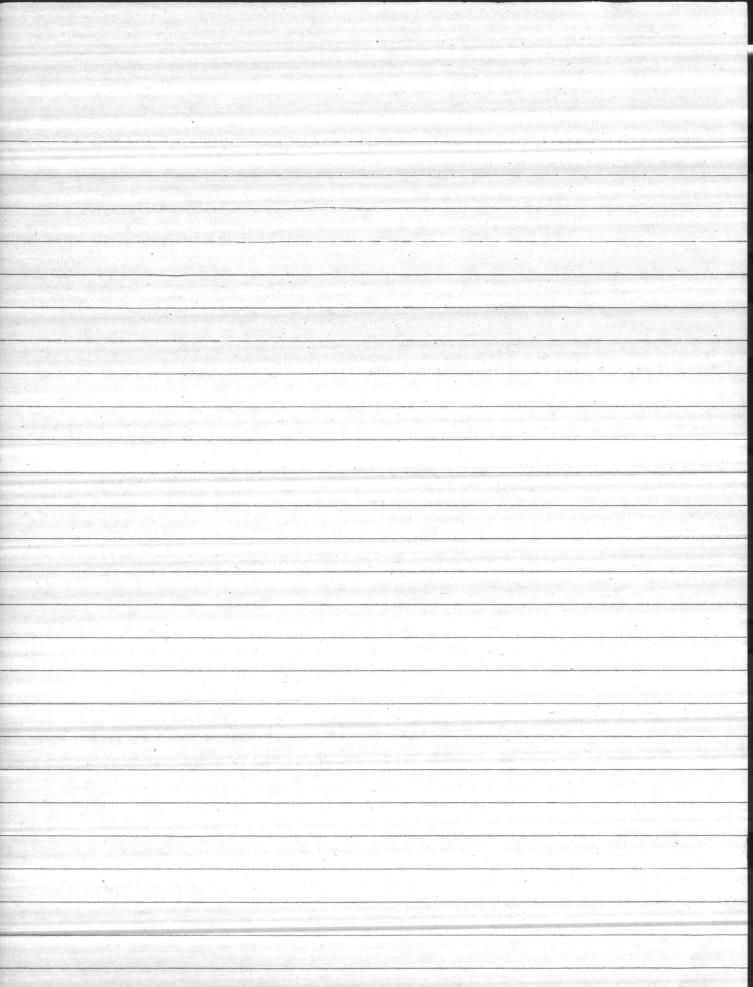
Proposed FAC (CONT) (z)3. OTHOR Engineering Support Trash Disposal \$ 871 Pest Control 566 Miscellaneous Service 880 2317 per facility 5 Facilitie x 2317 = \$11,585 ESCALATED Summary of Costs; TO FY 1981 "S 1. Maintenance \$ 262 710 295,781 97 2. UTILITIES 105,019 117,999 3. OTHOR ENGR. Support 11 585 13,017 TUTAL 379 314 426,197 Escalation Factor for above : 79-80 6% 80-81 690 EEF = 1.06 × 1.06 = 1.1236



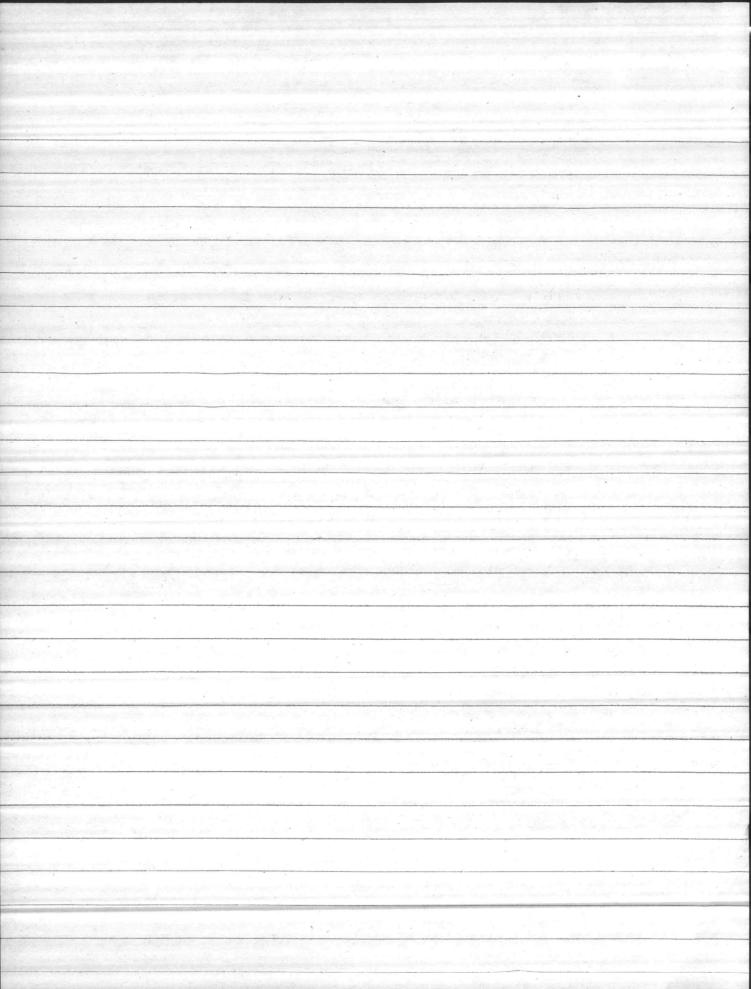
(2A)P-GUA CONSTRUCT 6 (UEPH) 1. Annual Maint Cost = Project cust & Maint Factor = BIG.5M x.0189 = \$311,850 ESCALATE FROM FY 79-80; 311,850 × 1,1236= \$350,395 2. JOTHOR COSTS (From PG11 computations) FYSI COST FOR 5 BUILDINES COST/BLOG COST for 6 BLOGS UTILITIES 117,999 + 23,600 \$141,599 07 ADR Engr Sup 13,017 + 2,603 15620 SUMMARY OF COSTS! P-GILA \$ 350,395 MAINTENANCE UTILITLES 141599 \$ 507 614 OTHOR BUGR SUPP. TOTAL



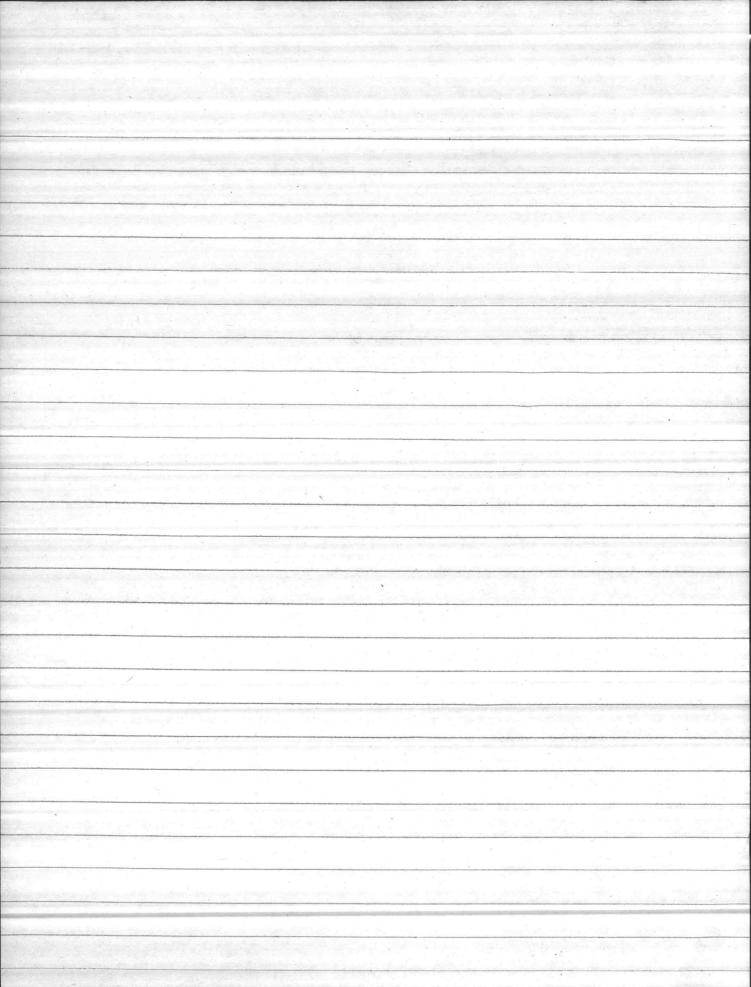
(.3)P-GU UEPH, OPERATIONS & MAINTENANCE CUSTS B. EXISTING FACILITIES 1. Annual Maini COST = current Plant Value X MAINT FACTOR = 1,615,000 X.0189= 30,523 5 Bidgs x 30, 523 = \$ 152,617 2. UTILITY COST (ANNUAL) HOT WATER \$ (a) STeam 1896 K 165 × 7,334/1000165= 13,905 (b) Electric 290,277 KWHX.03357/WWH= 9745 (c) water 5256K GALX. 61/Kgal = 3206 (d) sewage 5256KGAL × .47/Kgal 2470 \$ 29, 326 / Bldg 5 BLOGS X 29,326 = \$146,630 5 3: OTHOR Engr Support Cost Trash disposal \$ 871 (a) Post Control 566 (6) (c) Misc, Services 880 2317 por Bldg X 5 Bldgs = 11,585



. P-611 EXISTING FAC. (CONT) 4. Summary of Costs/ RUDg Mainfenance: \$ 30,523 305,230 10 BLOGS UTILITIES 29,326 293,260 OTHOR ENGRESUPP. 2,317 23,170 \$62,166 \$621,660 ESCALATE TO FY 1981 Mant 305,230 X 1.06 = 323,544 UTIL 293, 260 × 1.06 310, 856 P.1 23, 170 X1.06 24,560 621,660 K1.06 658,960



-15 REHAB EXISTING A TYPE BEDS Basal on J.E. SIRRINE STUDY ALT B Rehab 73 bldgs to 136 man/Barracks INVESTMONT COST (1974) \$ 43,931,066 1. Cost por Bowacks 43,931,066 - 73 = \$601,795 TO Rehab 2. New BEQ'S Accomposate 1350 men in 5 Blags 3. 1350 - 136 men = 10 Bldgs Required 4, 10 BLOGS X \$ 601, 795= 6 017 950 1974 INV. COST 5. Escalate constr cost from 1974 to 1981 6.018 M × (1.06)(1.065)(1.07)(1.078/1.09(1.08)(1.063) = .9. 806mil 2. INVESTMENT COST = \$9.806 MIL

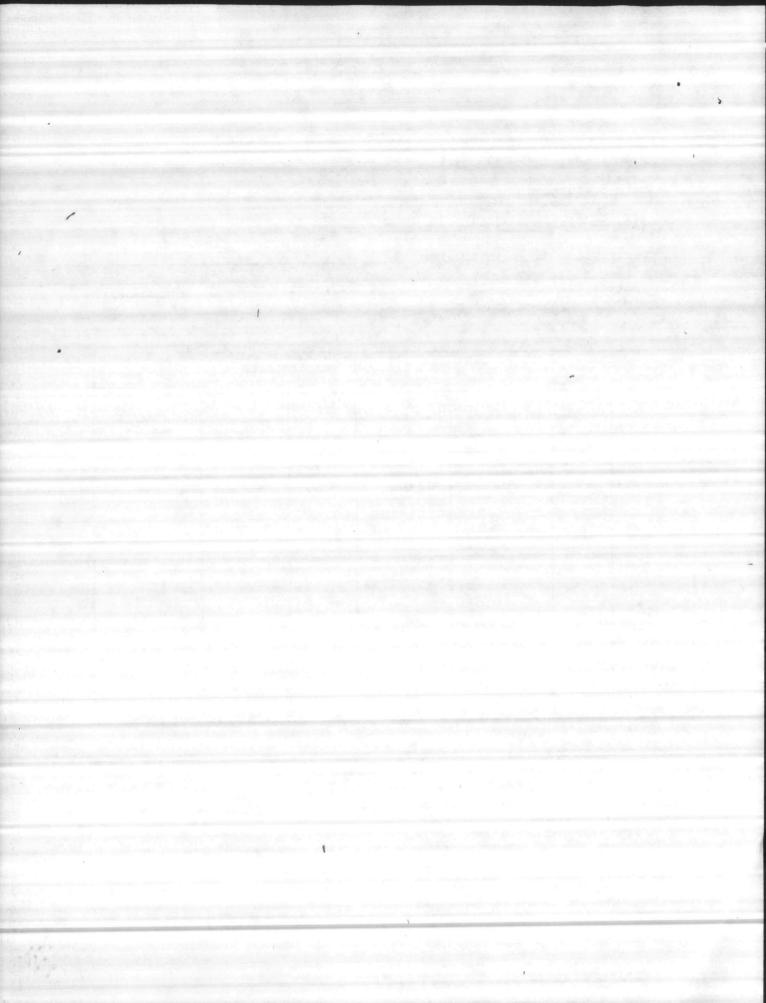


SECONDARY ECONOMIC ANALYSIS SUMMARY OF COSTS FORMAT A

Alter	mative:	of Project Of	6. U UEPH STING UE	ECONOMI ECONOMI FACILITI	c Life: 2 ES ILITIES	JEPH
roject Year	a. Non R&D	-Recurring	 B. Program b. Recurring Operations 	c. Annual	d. Discount Factor	e. Discounted Annual Cost
А В.		13,900 9,806	426		9.52d 9.524	4,057
TALS						

12b. Uniform Annual Cost (with terminal value)

•



SECONDARY ECONOMIC ANALYSIS SUMMARY OF COSTS FORMAT A

Source/Derivation of Cost Estimates: (Use as much space as required)

ALT A ALT B

NLA

a. Non-Recurring Costs:

- 1.) Research & Development:
- 2.) Investment:

13,900 9,806 1

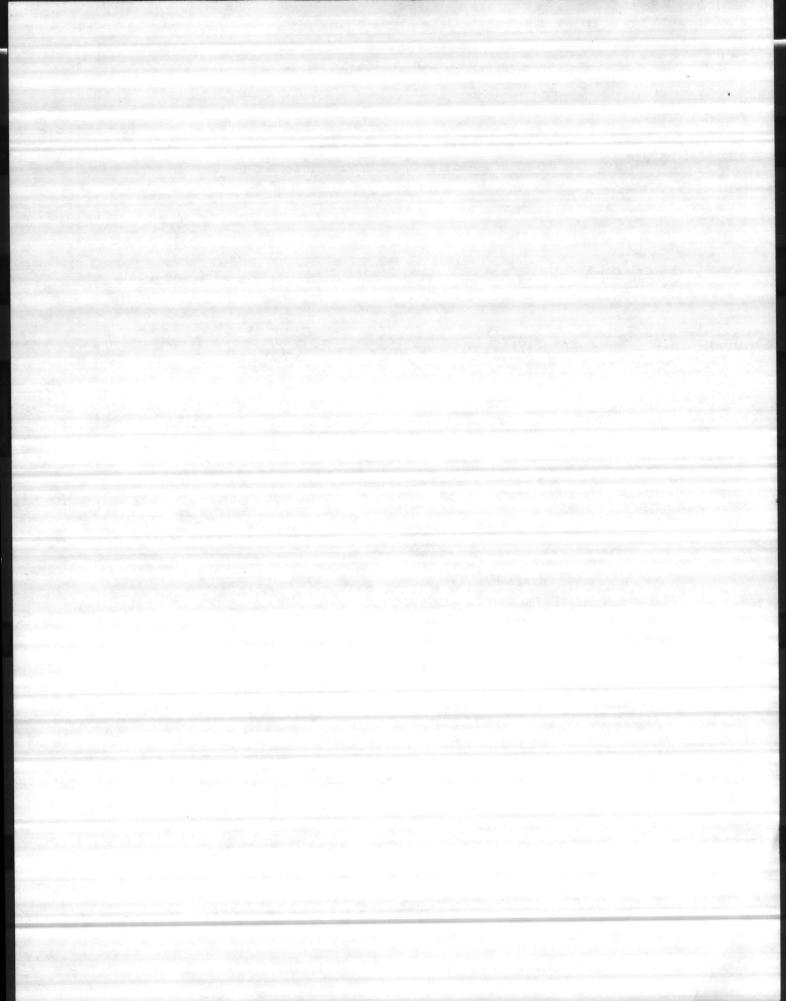
b. <u>Recurring Cost(s)</u>:

c.

(1) Maintenarice	295,181	323,544
(2) operations	131,016	335, 416
a provide sharp Provide a	426,197	658,960
Net Terminal Value:	NEG.	NEG

d. Other Considerations:

14.	Name & Title of Pr	incipal Action Officer	Date
	an a		

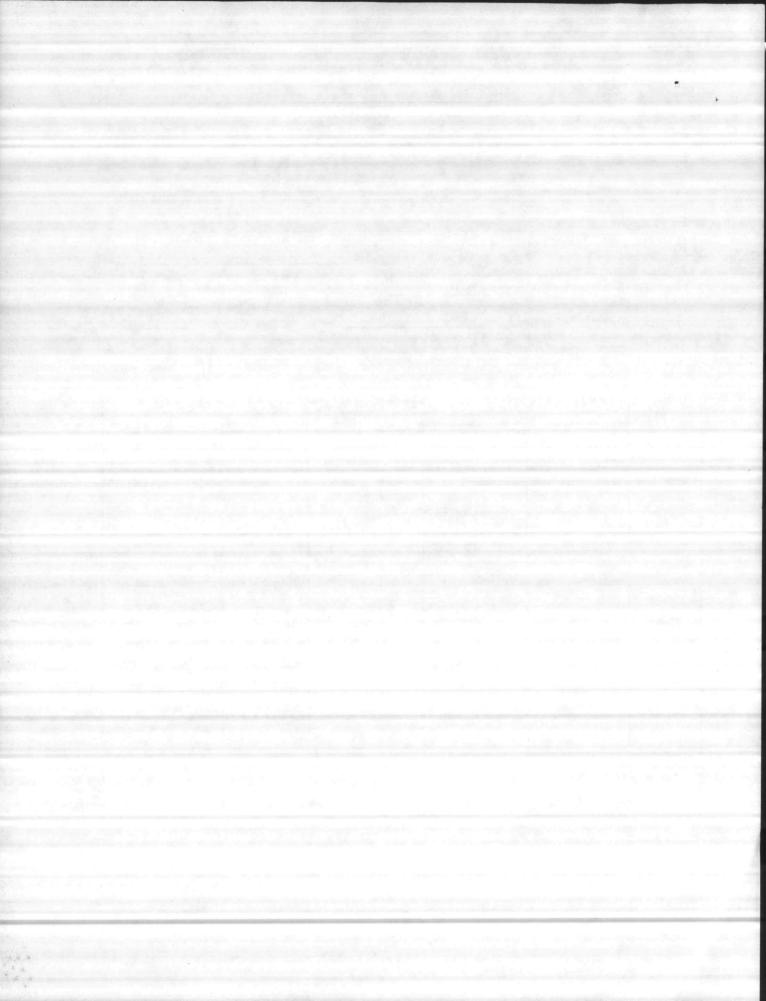


PRIMARY ECONOMIC ANALYSIS SUMMARY OF COSTS FORMAT A-1

1.	Submitting Department of the Navy Com	ponent:	
2.	Date of Submission:		
3.	Project Title:		
4.	Description of Project Objective:		
5a.	Present Alternative:	6a.	Economic Life:
b.	Proposed Alternative:	b.	Economic Life:

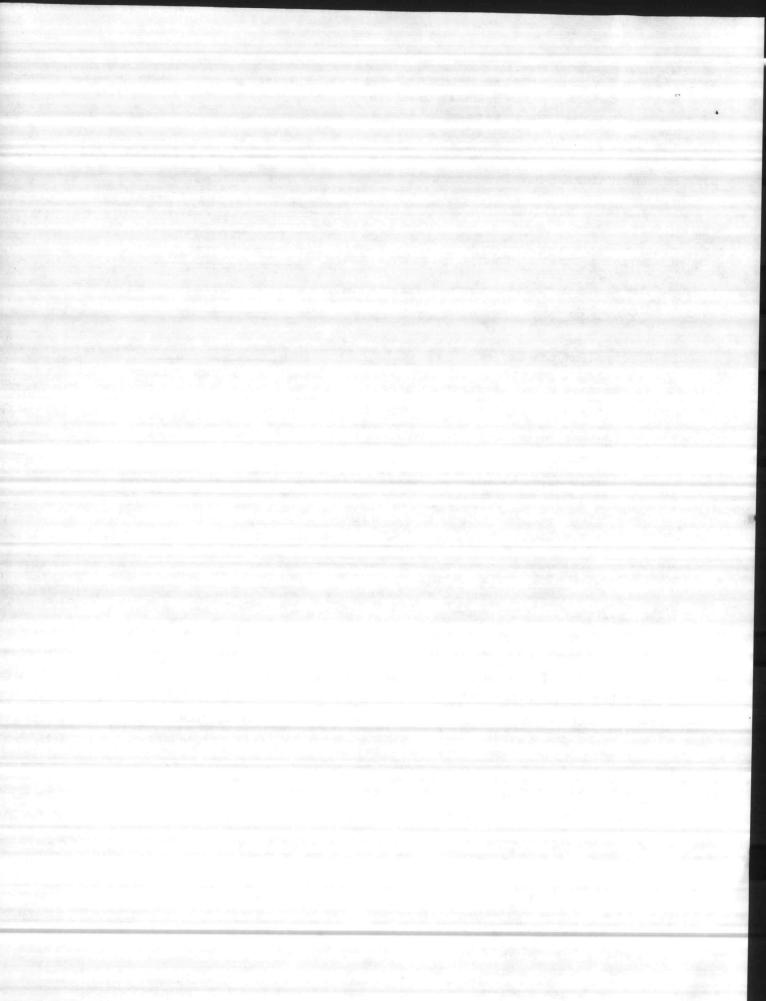
7.	 Recurring Annual (Operations) Costs 		9.	10.	11.	
Project Year	a. Present Alternative	b. Proposed	Differential Cost	Discount Factor	Discounted Differential Cost	
and a start of a start by the start of a start of a						
12.						
TOTALS					States and the states	

(



PRIMARY ECONOMIC ANALYSIS SUMMARY OF COSTS FORMAT A-1

- 13. Present Value of New Investment:
 - a. Land and Buildings
 - b. Equipment
 - c. Other (identify nature)
 - d. Working Capital (Change: plus or minus)
- 14. Total Present Value of New Investment (i.e., Funding Requirements).
- 15. Plus: Present Value of Existing Assets to be Employed on the Project.
- 16. Less: Present Value of Existing Assets Replaced.
- 17. Less: Present Value of Terminal Value of New Investment.
- 18. Total Present Value of Net Investment.
- 19. Present Value of Life-Cycle Cost Savings from Operations (Col. 11)
- 20. Plus: Present Value of the Cost of Refurbishment or Modifications Eliminated.
- 21. Total Present Value of Savings.
- Savings/Investment Ratio (Line 21 divided by Line 18).
- 23. Discounted Payback Period.



PRIMARY ECONOMIC ANALYSIS SUMMARY OF COSTS FORMAT A-1

24. <u>Source/Derivation of Cost Estimates</u>: (Use as much space as required)

a. Investment Costs:

A STATE AND A STAT

(Itemize Project Costs)

111

i Fr

1.) Changes in Working Capital

2.) Net Terminal Value

b. Recurring Costs (Operations):

1.) Personnel

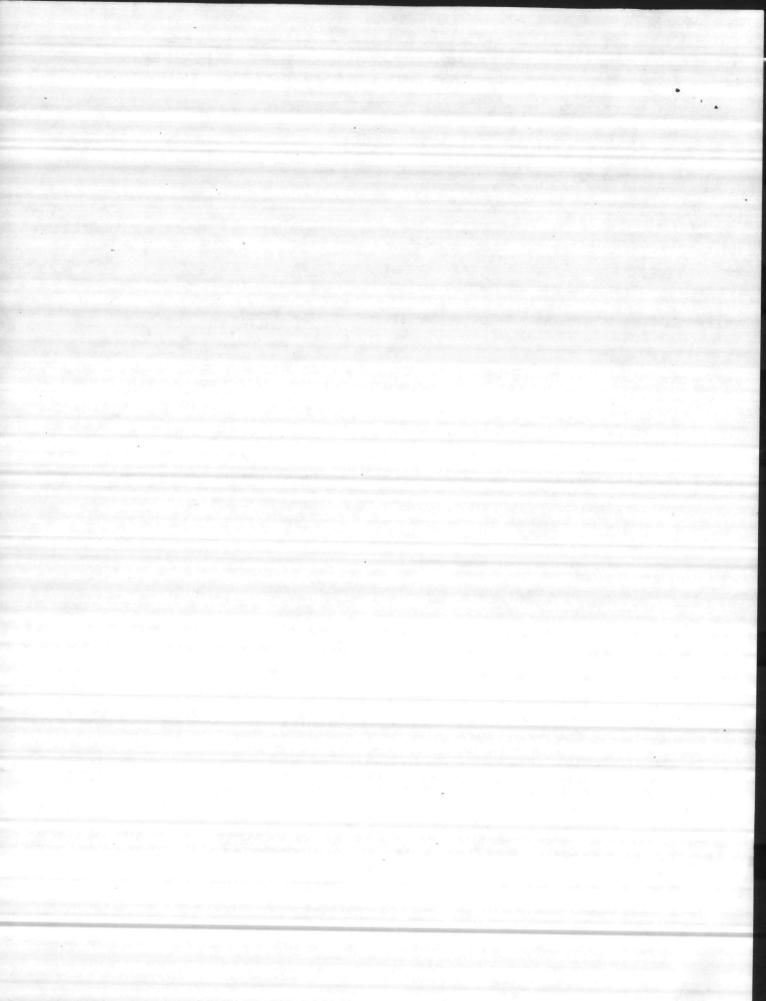
2.) O&M

3.) Overhead Costs

c: Other Considerations:

25	. Name	8	Title of Principal Action Officer	Date

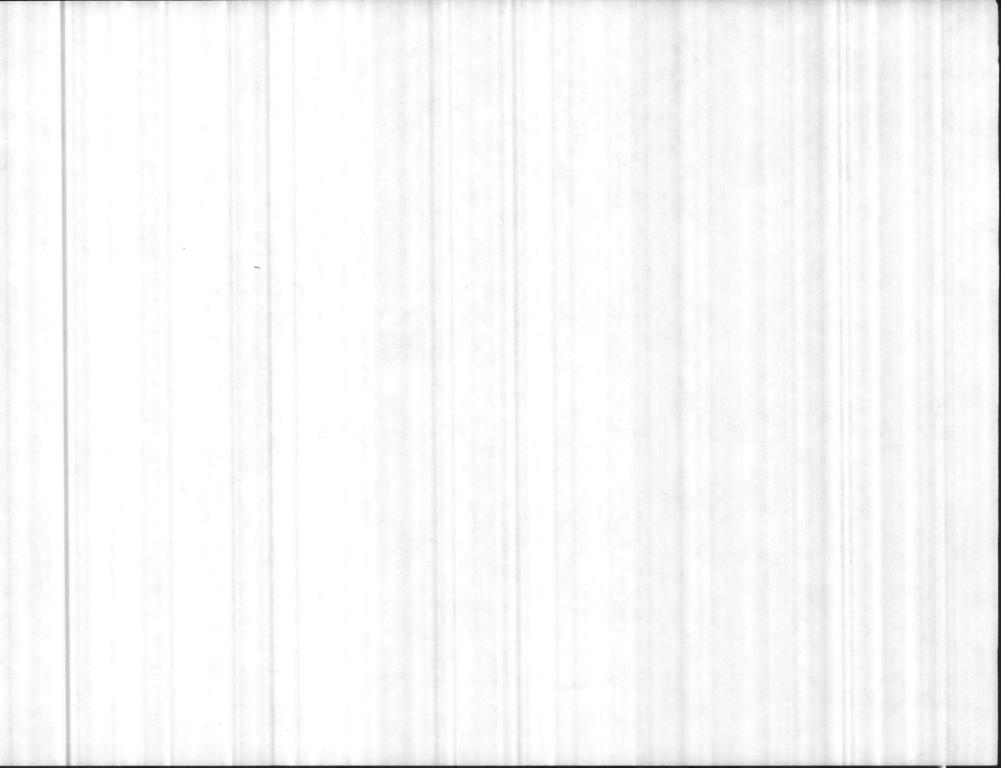
C-6



ECONOMIC EVALUATION OF MILITARY CONSTRUCTION INVESTMENTS

ONE-TIME COST DATA

	a taug B			
	ALTERNATE B VERSUS AL	В	D	<u>D minus B</u>
1.	Alternate Identification:			(9, 506,000)
2.	Investment Cost:	9 806,000 \$43,931,066	\$ 0	\$ (43,931,066)
	a. Rehabilitate existing barracks	,,·	,3,900,000 \$ 51,249,779	<u>51,249,779</u> \$ 7,318,713
	b. Construct new 504 man barracks TOTAL:	\$43,931,066	\$51,249,779	\$ 4,094,000
		0	0	Ũ
3.	Working Capital Changes, plus or (minus):		318,000	318,000
4.	Less: Value of Existing Assets Replaced,	0	510,000	
	(plus) or minus:	0	(3,300,000)	(3,300,000)
5.	Plus: Value of Existing Assets to be Employed: (Barracks to be retained for other uses)	0		\$ 4,336,713
6.	Differential Net Investment:	\$ 20.35	\$ 29.00	\$ 8.65
7.	Net Investment Cost/Sq. Ft: Differential, plus or (minus):	\$ 4,425	\$ 4,788	\$ 363.
8.	Net Investment Cost/Man: Differential, plus or (minus)			

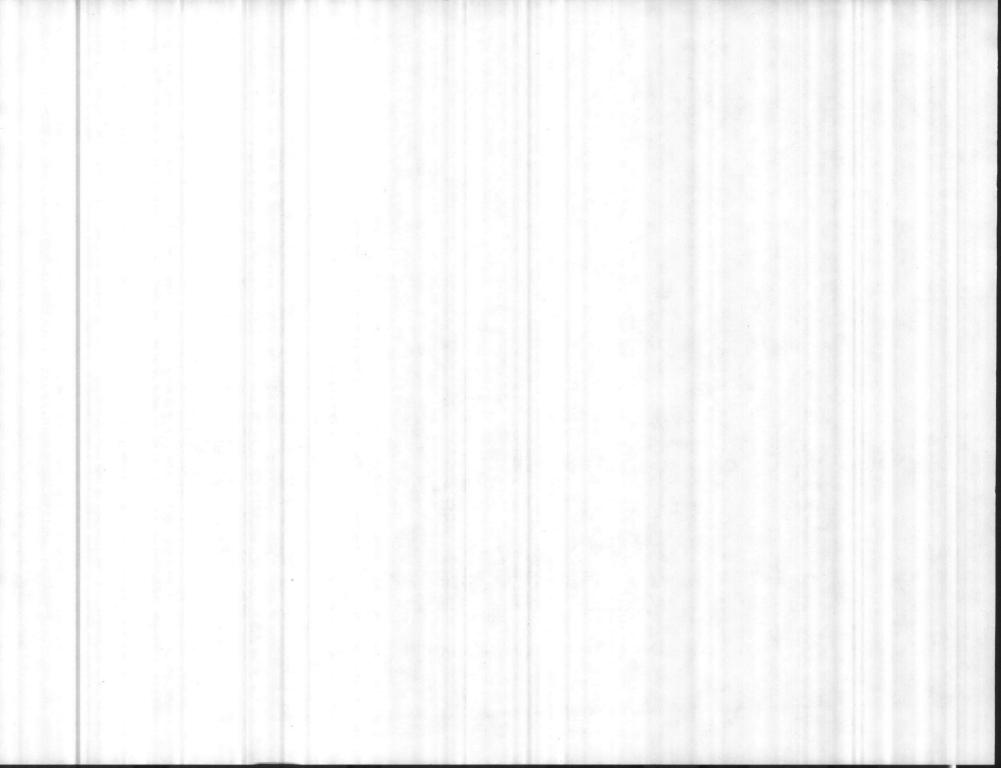


ECONOMIC EVALUATION OF MILITARY CONSTRUCTION INVESTMENTS

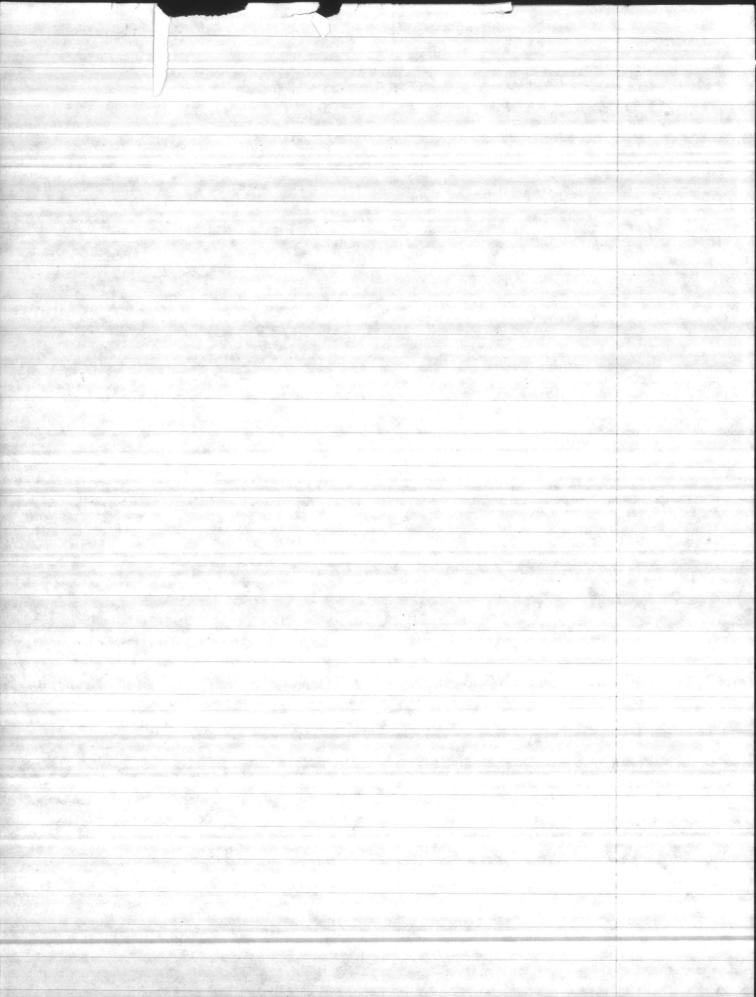
ANNUAL COSTS & SAVINGS/INVESTMENT RATIO

ALTERNATE B VERSUS ALTERNATE D

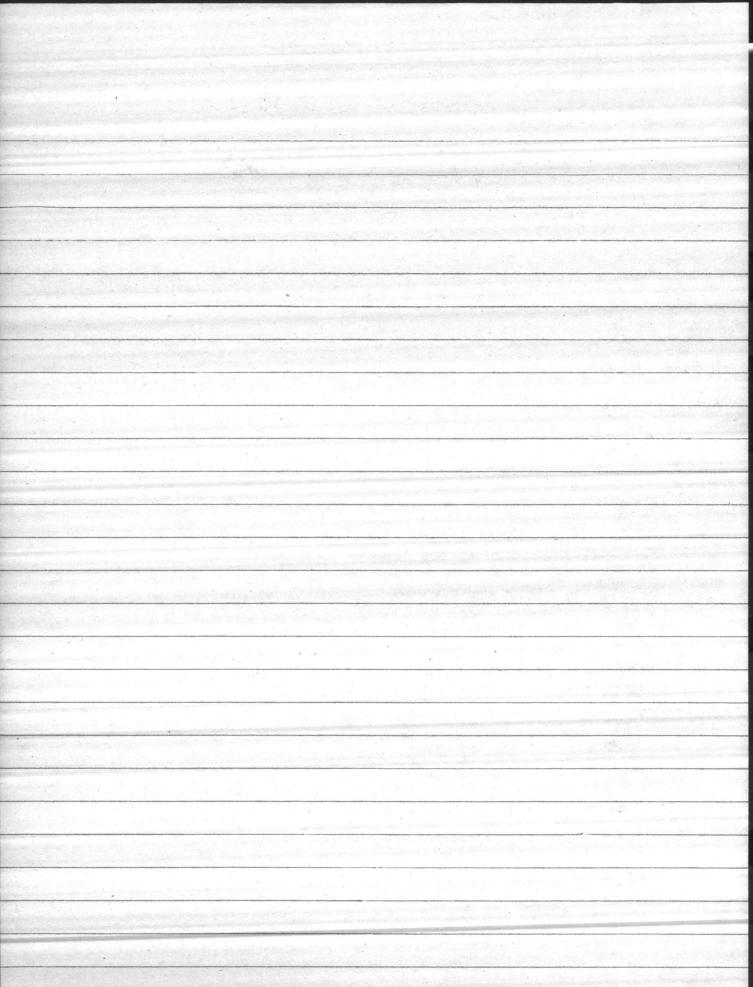
1.	Alternate Identification:	<u> </u>	D	<u>B minus D</u>
2.	Annual Costs:	•		
	a. <u>Personnel:</u> Included in Operating Maint.	Costs		
	b. <u>Operating:</u>			
	(1) Fuel/Utility Costs	\$ 750,731	\$ 700,488	\$ 50,243
	(2) Maintenance Costs	731,014	408,540	322,474
	c. Overhead: NO CHANGE	an a		
3.	Total Annual Savings:			\$ 372,717
4.	Present Value Factor:			9.524
5.	Present Value of Annual Savings:			\$3,549,757
6.	Differential Net Investment:			\$4,336,713
7.	Savings/Investment Ratio:			0.82



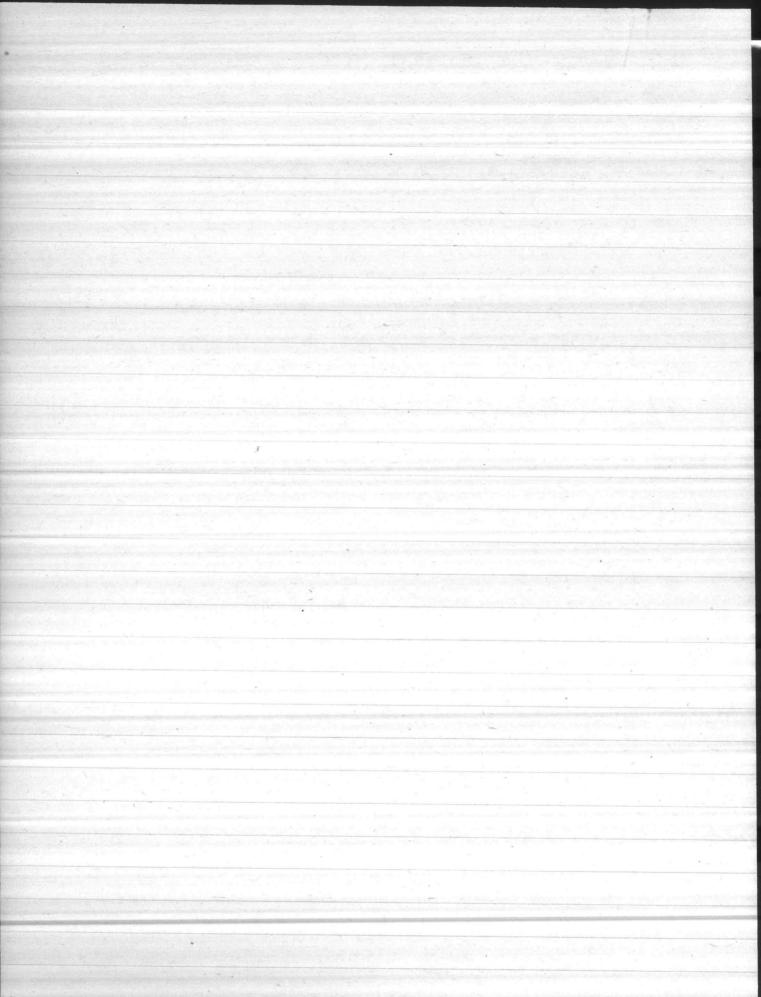
CONVERT to Admin Demohsh 220 205 224 213 227 217 228 209 164×8= 1312 Last yr went out NOV 21, 1978 MAIN/FEC/clm 11000 1 Nov 1928 Current Plant Value 1978 (MIL) BLdg NO 1979 1980 1981 220 1,273 224 1.275 227 1.273 228 1,282 209 1.273 1.273 × 1.078= 1.372 × 1.09= 1,495 × 1.08== 1.615 AVG 205 1.308 213 1,273 217 1.273 1,284 × 1,078=1.384 × 1,09 = 1.175 × 1.08 = 1.269 AVG



ALT D 48.3 MIL - 20 " = 2,415,000/Bldg 10,080 men Rehab \$6,01,3700 - 10 Bldy = \$6 01370 Bldy 1360 men New Bldgs 13,9mil - 5 Bldgs = 2,780,000/Bldy 1350 men 48,3 MIL - 10,080 men = \$ 4791.60/man 13.9 MIL - 1360 " =. 10,220,59/man .



Electricity - .03357 200 + \$ 7.334 per 1000 # Silean · 61 per 1000 gal Water - 47 per 1000 gal Sewage



UNITED STATES MARINE CORPS Marine Corps Base Camp Lejeune, North Carolina 28542

FAC:ACA:1mo 11013

15 OCT 1979

MEMORANDUM

From: Assistant Chief of Staff, Facilities To: Public Works Officer

- Subj: Supplemental information requested by Congress for Fiscal Year 1981, Military Construction Program
- Encl: (1) CMC ltr LFF-1-AN:bab of 28 Sep 1979 (advanced copy provided previously)

en week and and

1. Enclosure (1) is forwarded for action. The reply should reach this office not later than 12 November 1979.

2. By copy of this letter, the Base Maintenance Officer is requested to provide supporting information requested by the Public Works Officer.

G. B. CORNWALL

Copy to: →BMO FAC

THE HEAD AND A THE AREA IN THE and series survivations of the series of the

Summer A. Sarah Star ... See And Star . A grant E. March 1994 101 100 2 M

And The Part of the second states and the second struct an inter in the second and

ber restarte ser georgioe an Ericeuper herranten i segmenter to finde NALES DECONTRACTOR FILSE

> THE LOW TO LECTREAL STREET, WE SHOW THE (of solver the lacts the constant a)

> > Constant of the second second

Will Ber

All toper biggers choose in and is so be severe 12 Ch Perseiger in Cel 91 1991 1990 11 1991 10361 20 10 1931

of becauser of their of schemental such a sector of the or design in provide supporting a creating and representation works of firmers and representation

NEW COMPLEX PRESS

Likuines (1995)

The second black

and the state of the second of the

antipation and the second



DEPARTMENT OF THE NAVY HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON, D.C. 2038C

IN REPLY REFER TO

28 SEP 1979

- From: Commandant of the Marine Corps To: Distribution List
- Subj: Supplemental Information Requested by Congress for Fiscal Year 1981 Military Construction Program

Encl: (1) Extract of House Appropriations Committee Report for Fiscal Year 1980 Military

- · · Construction, Report No. 96-246
- (2) Sample of DD Form 1390 and Instructions for Supplemental Information
- (3) Sample of DD Form 1391 and Instructions for Supplemental Information
- (4) Fiscal Year 1981 Marine Corps Military Construction Program

1. As was the established requirement of the House Appropriations Committee in Fiscal Year 1980, the activity commanders are once again requested to submit the following information in preparation of the Fiscal Year 1981 Congressional Budget submission (enclosure (1):

DD FORM 1390 SUPPLEMENTAL INFORMATION

A. Estimated Cost of Backlog of Real Property Maintenance (BMAR) (see notes).

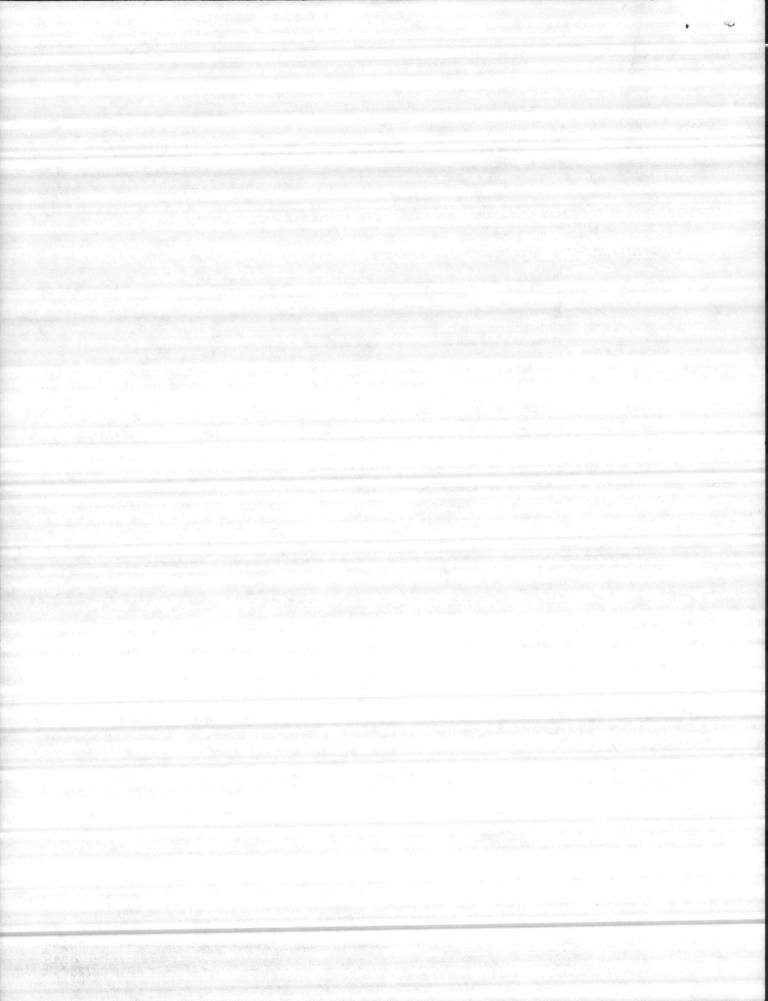
- B. Similar unused space.
- C. Outstanding pollution and safety (OSHA) violations.
- NOTES: Detailed instructions are contained in enclosure (2). Information must be developed for each activity listed in enclosure (4), which reflects the Fiscal Year 1981 Marine Corps Military Construction Program. Item A, Estimated Cost of Backlog of Real Property Maintenance, will be developed by Headquarters Marine Corps.

DD FORM 1391 SUPPLEMENTAL INFORMATION

A. Estimated Annual Cost to Operate the Proposed Facility.

B. Number of Additional Personnel Necessary to Carry Out the Function of the Proposed Facility.

C. Estimated Life-Cycle Cost to Operate and Maintain the Proposed Facility if New Facility is a Replacement.



LFF-1-AN:bab

Subj: Supplemental Information Requested by Congress for Fiscal Year 1981 Military Construction Program

D. Estimated Life-Cycle Cost to Operate and Maintain the Existing Facility, if New Facility is a Replacement.

E. Design Status.

F. Equipment Associated with this Project which will be provided from Other Appropriations.

NOTES:

Detailed instructions are contained in enclosure (3). Items A. and B. will be required for each project listed in enclosure (4). Items C. and D. will be required only for those projects listed in enclosure (4) which will replace existing facilities. It should be noted that for Item D., the cost of any actions necessary to equalize the capability and life span of the existing facility with those of the proposed new construction must be included to insure true comparability. Item E., Design Status, and Item F., Equipment Associated with this Project which will be provided from Other Appropriations, will be developed by this Headquarters.

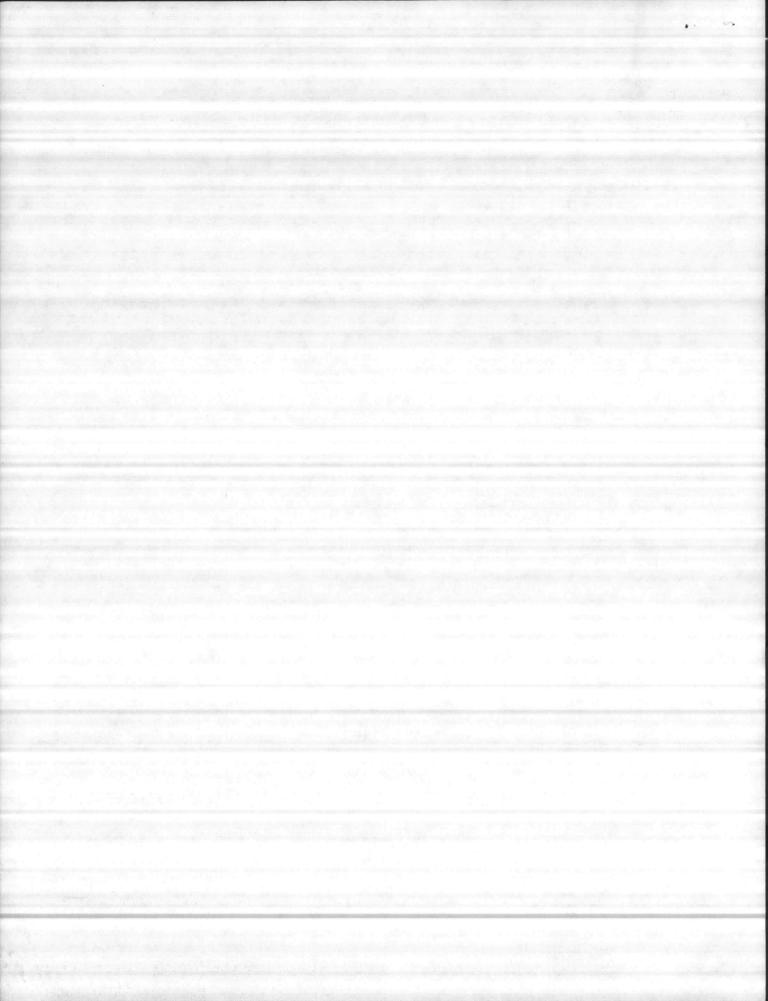
The foregoing information is to be submitted to reach_ 2. Headquarters Marine Corps (Code LFF.) not later than 15 November 1979.

2.

R.J. Fundy R. T. TRUNDY

By direction

Distribution List: COMCABWEST CG MCAS El Toro CG MCDEC Quantico CG MCB Camp Pendleton CG MCLB Barstow COMCABEAST G MCAS Cherry Point CG MCB Camp Lejeune CG MCAGCC 29 Palms CG MCRD Parris Island COMMARCORBASESPAC CO MCAS(H) New River CO MCAS Yuma CO MCAS Kaneohe Bay CO MCAS(H) Tustin



HOUSE OF REPRESENTATIVES

9Lth Congress 1st Session Report No. 96-246

MILITARY CONSTRUCTION APPROPRIATION BILL, 1980

June 7, 1979.-Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

> Mr. McKay, from the Committee on Appropriations, submitted the following

REPORT

(To accompany H.R. 4391)

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for military construction and family housing for the Department of Defense for the fiscal year ending September 30, 1980.

PAGE 4

ITEM OF SPECIAL INTEREST

Additional Justification Material

Last year the Committee requested additional justification material to support the request for military construction funds. This information was very helpful to the Committee in its review and shall continue to be furnished. The Committee is particularly interested in continuing the status report on the execution of the military construction program and the separate report and justification material for the planning and design program.

The Committee requests that three additional pieces of information be included on the supplemental justification page: (1) Whether or not the design for the facility is based on a standard design or definitive, and where it was used previously, (2) the actual or estimated cost of design, including the inhouse and contract costs separately, and (3) the month and year the construction is planned to begin.

The Department is to provide automated state and functional lists to the Committee to facilitate computerization of the project listings. This should be in machine readable form.



(SAMPLE)

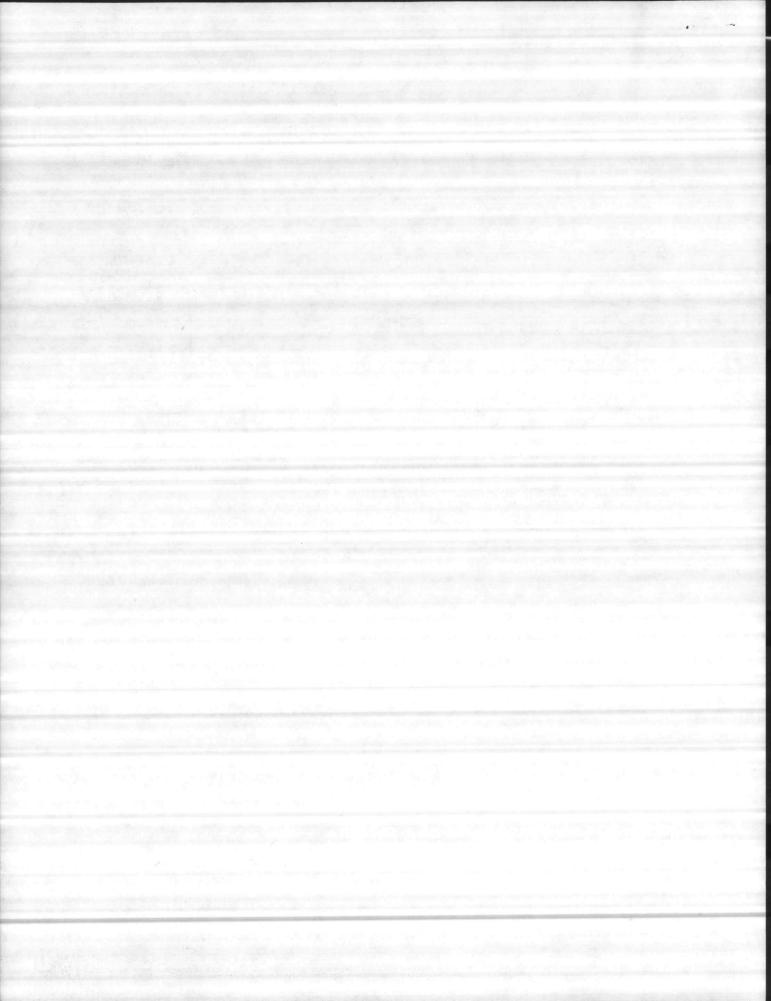
DD-FORM 1390 SUPPLEMENTAL DATA FY 1979 MILITARY CONSTRUCTION PROGRAM

Navy COMPONENT		MCAS Cherry Point NC INSTALLATION/LOCATION	Marine Corps COMMAND
			(\$000)
A.		COST OF BACKLOG OF REAL AINTENANCE (BMAR):	
		Permanent Facilities Temporary Facilities	(3,090) (96)
в.	Salah an	USED SPACE:	Quantity/Unit of Measure
	171-XX	Training Buildings	0
	211-XX	Maintenance - Aircraft	5,614 SF
	214-XX	Maintenance - Automotive	8,893 SF
	800-XX	Energy Conservation	N/A
c.	OUTSTANDIN	G POLLUTION AND SAFETY (OSHA)	VIOLATIONS:
	1. Air Po	llution	(\$000)
	2. Water	Pollution	0 (\$000)
	3. Safety	& Occupational Health	(\$000)

(SAMPLE)

北海部部

Enclosure (2)



INSTRUCTIONS FOR PREPARATION OF DD FORM 1390 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

A. ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE (BMAR)

Source: Headquarters Marine Corps

B. SIMILAR UNUSED SPACE. Indicate the total area in square feet of unused space in facilities at the installation having three-digit category codes which correspond to those of the projects included in the budget request. For use by Marine Corps witnesses during hearings, provide brief explanation why the vacant space in each three-digit category code cannot be used to satisfy or reduce the requirement to be met by the projects requested in the same category code. If vacant space is to be used for any purpose in the future, or is to be demolished, explain.

Source: Activity Commander

- C. OUTSTANDING POLLUTION AND SAFETY (OSHA) VIOLATIONS
 - (1) Air Pollution

Source: Headquarters Marine Corps

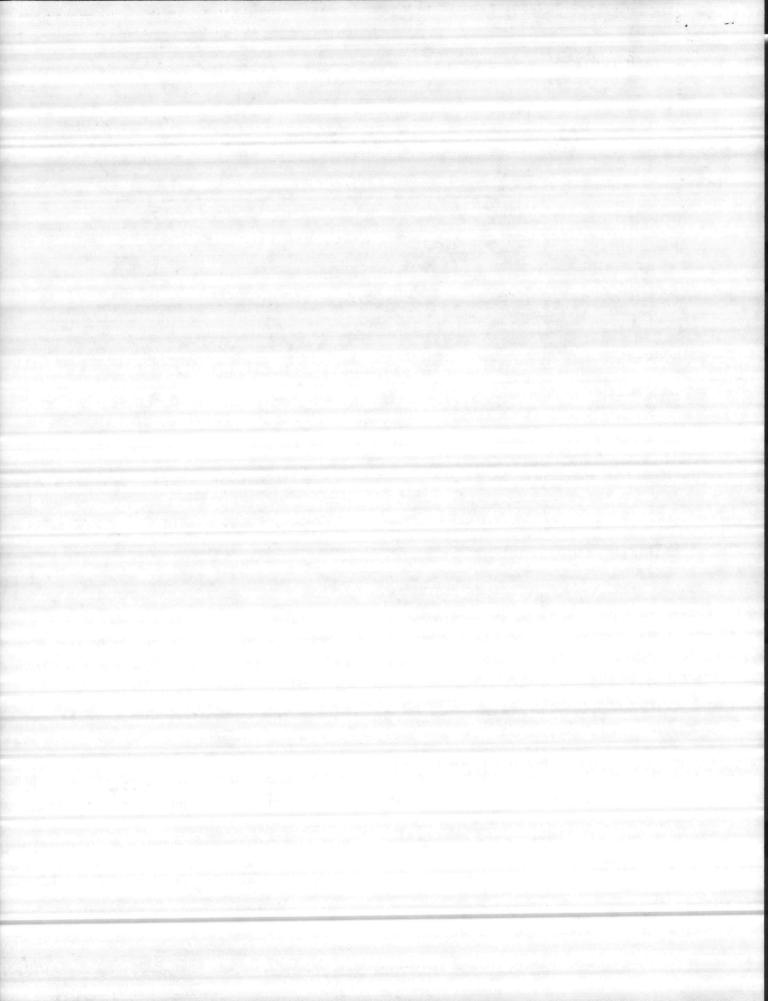
(2) Water Pollution

Source Headquarters Marine Corps

(3) Safety and Occupational Health Hazards. Enter cost of projects in all funding categories (e.g., military construction, operations and maintenance, industrial fund etc.) required to correct serious occupational safety and health hazards in accordance with procedures authorized in CMC speedletter MPN-70-mdm of 9 Feb 1977. In this application, include those hazards assigned Hazard Codes I and II in the cited speedletter. Data base shall be as of the date of the budget submission (October 1).

Source: Activity Commander

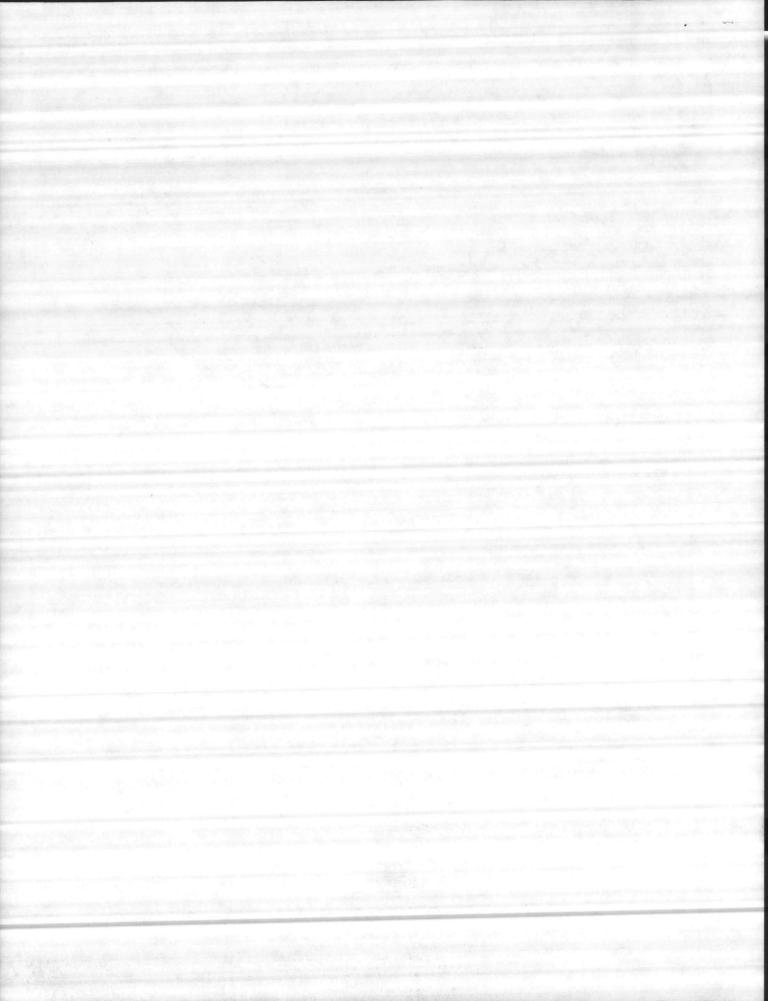
2



PROVIDED FROM OTHER APPROFRIATIONS: Equipment Fiscal Year	3. INSTAL	LATION AND L	OCATION	· · · · · · · · · · · · · · · · · · ·	
SUPPLEMENTAL DATA A. ESTIMATED ANNUAL COST TO OFERATE THE FROPOSED FACILITY					
SUPPLEMENTAL DATA A. ESTIMATED ANNUAL COST TO OFERATE THE FROPOSED FACILITY	. PROJEC	TTITLE	and the second	5. PR	OJECT NUMBER
A. ESTIMATED ANNUAL COST TO OFFRATE THE FROPOSED FACILITY					a and a second
A. ESTIMATED ANNUAL COST TO OFFRATE THE FROPOSED FACILITY		•			
 B. NUMBER OF ADDITIONAL FERSONNEL MECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY. (FEOOR) C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE FROFOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. IN THE FUNCTION START. EQUIPMENT ASSOCIATED WITH THIS FROJECT UNICH WITH EE Equipment Proventiation Proving Appropriated Const			SUPPLEMENT	EAL DATA	
 B. NUMBER OF ADDITIONAL FERSONNEL MECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY. (FEOOR) C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE FROFOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. (\$000) EXISTING FACILITY. IN THE FUNCTION OF THE PROPOSED FACILITY. IN THE FUNCTION START. EQUIPMENT ASSOCIATED WITH THIS FROJECT UNICH WITH EE Equipment Proventiation Proving Appropriated Const	A. EST	IMATED ANN	UAL COST TO OPERATE I	HE PROPOSED FACTT TOT	
THE FUNCTION OF THE FROPOSED FACILITY. (FEOFLE) C. ESTIMATED LIFE-CYCLE COST TO OFERATE AND MAINTAIN THE (\$000) PROPOSED FACILITY IF NEW FACILITY IS A REPLACEMENT. (\$000) D. ESTIMATED LIFE-CYCLE COST TO OFERATE AND MAINTAIN THE (\$000) EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT. (\$000) I. STATUS (\$000) a. Date Design Started. (\$000) b. Percent Complete as of January 1, 19 (\$000) c. Percent Complete as of October 1, 19 (\$000) d. Date Design Complete (\$000) b. Where Design Complete No b. Where Design Was Most Recently Used (\$000) a. Production of Plans and Specifications. (\$000) b. All Other Design Costs (\$000) c. Total. (\$000) a. Production of Plans and Specifications. (\$000) b. All Other Design Costs (\$000) c. Total. (\$000) c. Total. (\$000) b. All Other Design Costs (\$000) c. In-house. (\$000) b. All Other Design Costs (\$000) c. In-house. (\$000) b. EQUIPMENT ASSOCIATED					(\$000)
C. ESTIMATED LIFE-CYCLE COST TO OFFRATE AND MAINTAIN THE (FEOPLE PROPOSED FACILITY (\$000) ESTIMATED LIFE-CYCLE COST TO OFFRATE AND MAINTAIN THE (\$000) EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT	THE	FUNCTION	OF THE PROPOSED FACT	ESSARY TO CARRY OUT	
PROPOSED FACILITY (\$000) D. ESTIMATED LIFE-CYCLE COST TO OFERATE AND MAINTAIN THE (\$000) EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT. (\$000) I. STATUS (\$000) a. Date Design Started. (\$000) b. Percent Complete as of January 1, 19 (\$000) c. Percent Complete as of October 1, 19 (\$000) d. Date Design Complete. (\$000) e. Standard or Definitive Design - Yes No b. Where Design Was Most Recently Used (\$000) 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. (\$000) b. All Other Design Costs (\$000) c. Total. (\$000) d. Contract (\$000) e. In-house. (\$000) b. All Other Design Costs (\$000) c. Total. (\$000) c. Construction Start. (\$000) t. CONSTRUCTION START. (\$000) EQUIPMENT ASSOCIATED WITH THIS FROJECT WHICH WILL EE (\$000th and year) PROVIDED FROM OTHER APPROPRIATIONS: Piscal Year Equipment Appropriated Cont	The second se				(PEOPLE
D. ESTIMATED LIFE-CYCLE COST TO OFERATE AND MAINTAIN THE (\$000) EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT. (\$000) 3. DESIGN DATA (Estimated) (\$000) 1. STATUS a. Date Design Started. (\$000) b. Percent Complete as of January 1, 19 (\$000) c. Percent Complete as of January 1, 19 (\$000) d. Date Design Started. (\$000) d. Date Design Complete as of October 1, 19 (\$000) d. Date Design Complete. (\$000) e. Standard or Definitive Design - Yes No b. Where Design Was Most Recently Used (\$000) 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. (\$000) b. All Other Design Costs. (\$000) c. Total. (\$000) d. Contract (\$000) 4. CONSTRUCTION START. (month and year) PROVIDED FROM OTHER APPROPRIATIONS: Piscal Year Procuring Appropriated Cont	PRO	POSED FACT	E-CYCLE COST TO OPERA	TE AND MAINTAIN THE	. (110111
EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT				** * * * * * * * * * * * * * * * * * * *	
ALEXAMPLATING FACTALITY IS A REPLACEMENT. (\$000) 1. STATUS a. Date Design Started. b. Percent Complete as of January 1, 19	EST	MATED LIF	E-CYCLE COST TO OFERA	TE AND MAINTAIN THE	(\$000)
1. STATUS a. Date Design Started	-	OTING TACL	LITI IN NEW FACILITY	IS A REPLACEMENT	•••
 a. Date Design Started b. Percent Complete as of January 1, 19	DES:	IGN DATA (I	Estimated)		(\$000)
 a. Date Design Started b. Percent Complete as of January 1, 19 c. Percent Complete as of October 1, 19 d. Date Design Complete	i.	STATUS			Sector Real B
 c. Percent Complete as of January 1, 19					
 c. Percent Complete as of January 1, 19	•	a. Date I	esign Started		
 d. Date Design Complete		So ICICEL	LA LETTIATA DE AP TAM	1	Characterization in the second s
 2. BASIS a. Standard or Definitive Design - Yes No b. Where Design Was Most Recently Used 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. b. All Other Design Costs. c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL DE FROVIDED FROM OTHER APPROPRIATIONS: Equipment Procuring Appropriated Cost 	an Sing				
 a. Standard or Definitive Design - Yes No b. Where Design Was Most Recently Used 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. b. All Other Design Costs. c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS FROJECT WHICH WILL DE FROVIDED FROM OTHER APPROPRIATIONS: Equipment Procuring Appropriated Cost 	and the second	a. Date I	lesign Complete		
 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. b. All Other Design Costs. c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL DE PROVIDED FROM OTHER APPROPRIATIONS: Equipment Procuring Appropriated Cost 	2.	BASIS			
 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. b. All Other Design Costs. c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL DE PROVIDED FROM OTHER APPROPRIATIONS: Equipment Procuring Appropriated Cost 					
 3. COST (Total) = c = a+b and d+e (\$000) a. Production of Plans and Specifications. b. All Other Design Costs. c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL DE PROVIDED FROM OTHER APPROPRIATIONS: Equipment Procuring Appropriated Cost 		a. Standa	rd or Definitive Desi	Ign - Yes No	
 a. Production of Plans and Specifications. b. All Other Design Costs. c. Total		b. Where	Design Was Most Recer	tly Used	
 a. Production of Plans and Specifications. b. All Other Design Costs. c. Total	3.	COST (Tota	1) = c = a+b and $d+a$	and the second second	
c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Equipment Procuring Appropriated Cost					(\$000)
c. Total. d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Denclature Procuring Appropriation Cont		a. Produc	tion of Plans and Spe	cifications	(
d. Contract. e. In-house. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL EE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Description Procuring Appropriated Cont			TOTAT LOSUS	***********************	(
4. CONSTRUCTION START. 4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Description Procuring Appropriated Cost				**********************	••
4. CONSTRUCTION START. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Tenclature Appropriation Cost		e. In-hou	se	******************	
EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WHIL EE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Procuring Appropriation Cost	1	0.000			••-[
EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Procuring Appropriated Cont	7. (UNSTRUCTIC	M START		••
EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WHIL BE PROVIDED FROM OTHER APPROFRIATIONS: Equipment Procuring Appropriated Cost					
Equipment Procuring Appropriated Cost	FOITT	Simp Assor	TAITTID Trooms		year)
Equipment Procuring Fiscal Year menclature Appropriation Appropriated Cont	a goli	DED FROM (THER APPROFRIATIONS.	ECT WHICH WILL EE	
menclature Appropriation Appropriated Cost	PROVI			Fiscal Year	
AUTOTTOTION			Procuring	Appropriated	Cont
	Equipme	ure			

.

٩



INSTRUCTIONS FOR PREPARATION OF DD FORM 1391 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

The following data shall be provided for each facility in the program using the standard DD Form 1391c and the format shown in the preceding sample. All costs, regardless of their time of occurrence, are in budget year dollars (i.e., Fiscal Year 1981 dollars for Fiscal Year 1981 Supplemental Data). See attachment A to this enclosure for annual escalation rates to be used in adjusting Military Construction and O&M,MC costs from year of occurrence to Fiscal Year 1981 costs.

NOTE: Sections A, B, and E are to be completed for all project proposals. Sections C and D are to be completed only for project proposals which represent replacement facilities. Section F should be completed where applicable for all projects.

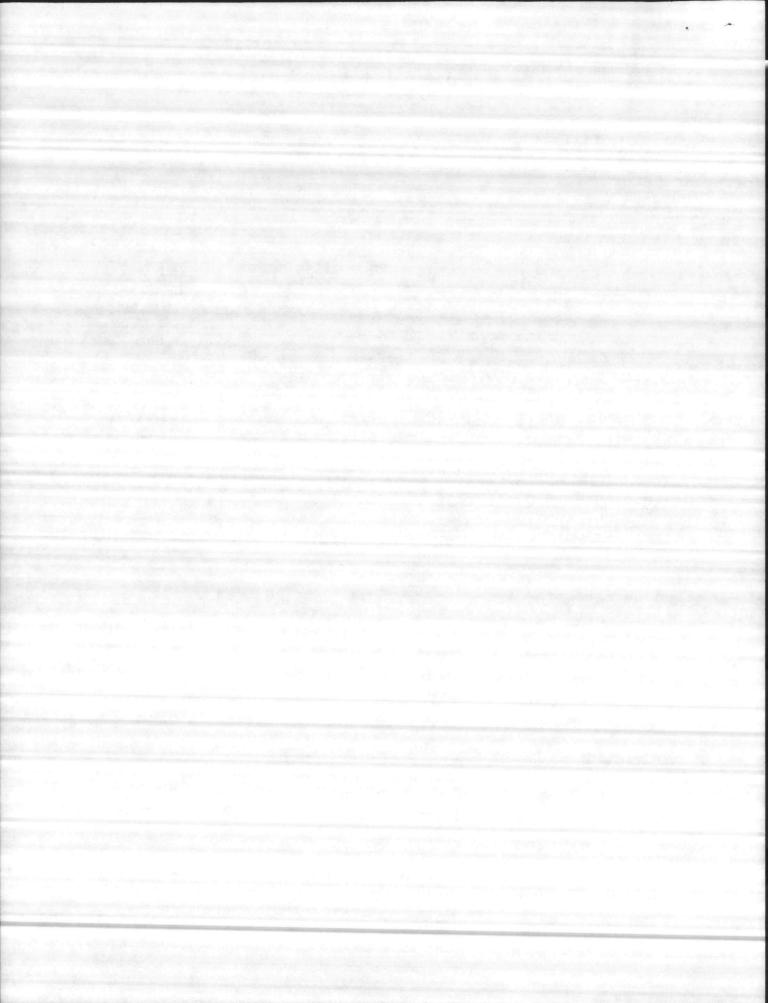
ESTIMATED ANNUAL COST TO OPERATE THE PROPOSED FACILITY: Α. These costs should reflect the equivalent uniform annual cost that corresponds to the total estimated cost of operating the proposed facility on a year-to-year basis over the first 25 years of the life of the facility. Cost should be based to the maximum extent possible on actual historical data for the particular type of facility, adjusted to reflect differences between the proposed facility and existing facility of the same type. Cost will be in terms of FY79 dollars. Costs will be limited to Maintenance and Repair (M), Utilities (N), and other Engineering Support (P). Do not include costs, other than M, N, and P, of the operation to be housed in the facility. (Wages and salaries of personnel who will work in the proposed facility, for example, are not to be included.) Activities will estimate these costs as follows:

1. <u>Maintenance and Repair (M)</u>. The minimum cost of ownership concept used in maintenance budgeting will be used. Maintenance-type costs will encompass all costs associated with facilities, including materials, equipment, personnel, etc.

2. <u>Utilities (N)</u>. The utilities cost will include the fuel/energy costs, other utilities costs, as estimated using activity rates, or actual cost when available.

3. Other Engineering Support (P). Costs will be based on actual services required for the proposed facility.

NOTE: Only a single figure will be submitted to Congress. However, for use during hearings, information submitted by activities should provide sufficient detail and clarity of calculations and assumptions to permit a well informed defense of the figure provided.



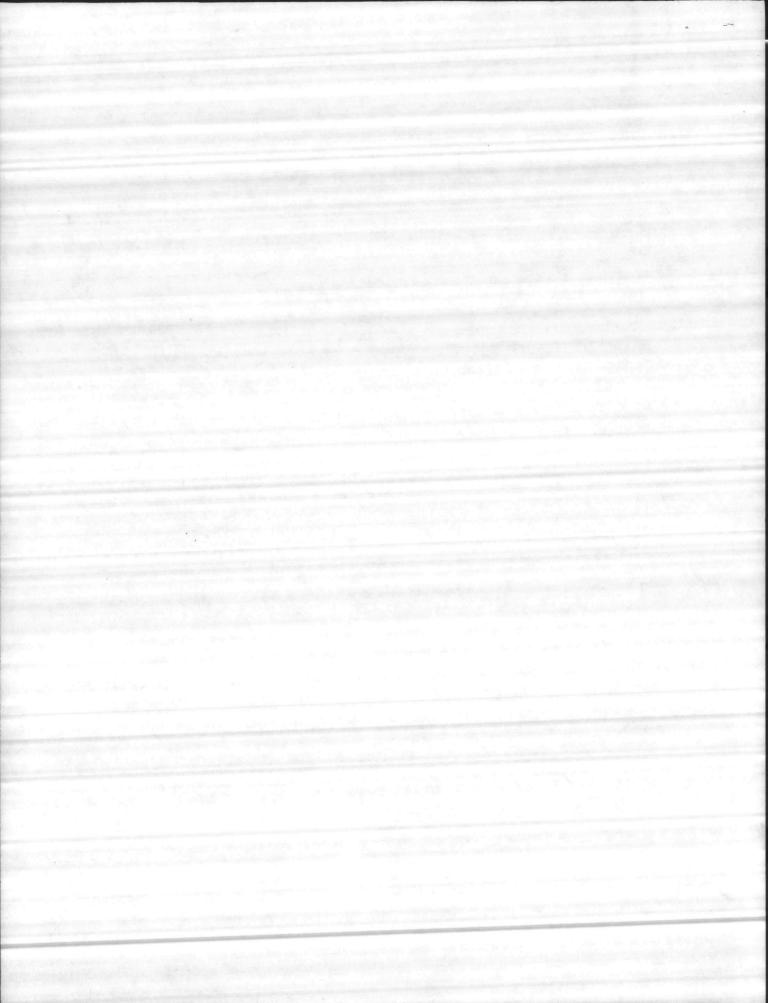
B. NUMBER OF ADDITIONAL PERSONNEL NECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY: Enter only the number of added personnel to be associated with the operation of the new facility. If all necessary personnel will be reassigned from within activity assets to operate the new facility, enter "zero." Personnel served by the facility are not to be included (e.g., in cases involving new dining halls or training facilities, only the assigned operating staff and/ or instructors are to be considered, not the personnel served meals or students receiving training.

Source: Activity Commander

C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE <u>PROPOSED FACILITY IF NEW FACILITY IS A REPLACEMENT</u>: Enter the estimated life-cycle cost (i.e., the total cost of ownership) of the proposed facility over its projected economic life or 25 years, whichever is less. The life-cycle cost -- which includes the cost of design still to be done, construction, operation (as defined in subparagraph A above), and disposal/ demolition (where applicable) -- should be expressed in terms of the present value on October 1, 1979. The present value is the sum of the present value on October 1, 1979, of all costs that will be incurred over the economic life of the facility or 25 years, whichever is less.

- NOTE: A proposed facility is to be considered a replacement if it (a) houses the bulk of the mission or function presently housed on the installation, and (b) the following conditions apply:
 - 1. The space requirements of the proposed facility do not exceed the space presently being used by a factor of 2,
 - 2. the present housing of the mission/function has been of long standing and cannot be considered temporary or makeshift in nature,
 - 3. the feasibility of renovating, expanding, etc. the existing facility or facilities as an alternative to building a new facility cannot be rejected on non-economic grounds.

Source: Activity Commander



ESTIMATED LIFE CYCLE COST TO OPERATE AND MAINTAIN D. THE EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT: Determination of the life-cycle cost of the proposed facility is prescribed in C above. The intent here is to obtain, for comparison purposes, the life-cycle cost of continuing the present facility (or facilities). However, it will be necessary to equalize facility capability and life span between the two alternatives. For example, if the existing facility is too small, the life-cycle cost calculations should provide for construction in FY 1981 of an addition or for conversion of some other space to satisfy the need. Also, if the existing facility is in poor condition, uninhabitable, or unsafe, some FY 1981 capital investment would be necessary to extend its useful life over the same period of time as the proposed new facility. When the life of the existing facility cannot be reasonably extended for a period equal to the 25-year economic life of a new facility, the life-cycle cost determination for the existing facility should include the cost of a suitable replacement facility at the end of its extended economic life. This assures that the total span of time covered will be the same as the economic life of the new construction alternative proposed for FY 1981. Cost estimates for operating the existing facility an additional 25 years, should account for probable increases due to accelerated frequency of emergency maintenance, repair, and replacements for the facility as well as energy/fuel consumption for the upgraded/* renovated/expanded version of the facility. Thus, the cost figure will be the present value of all costs incurred to make the existing facility at least minimally capable of performing the same functions and providing the same services as the proposed new facility over the same period of time. The present value should be determined in the same way as the present value of the life-cycle cost to operate and maintain the proposed facility.

Source: Activity Commander

E. DESIGN STATUS (ESTIMATED)

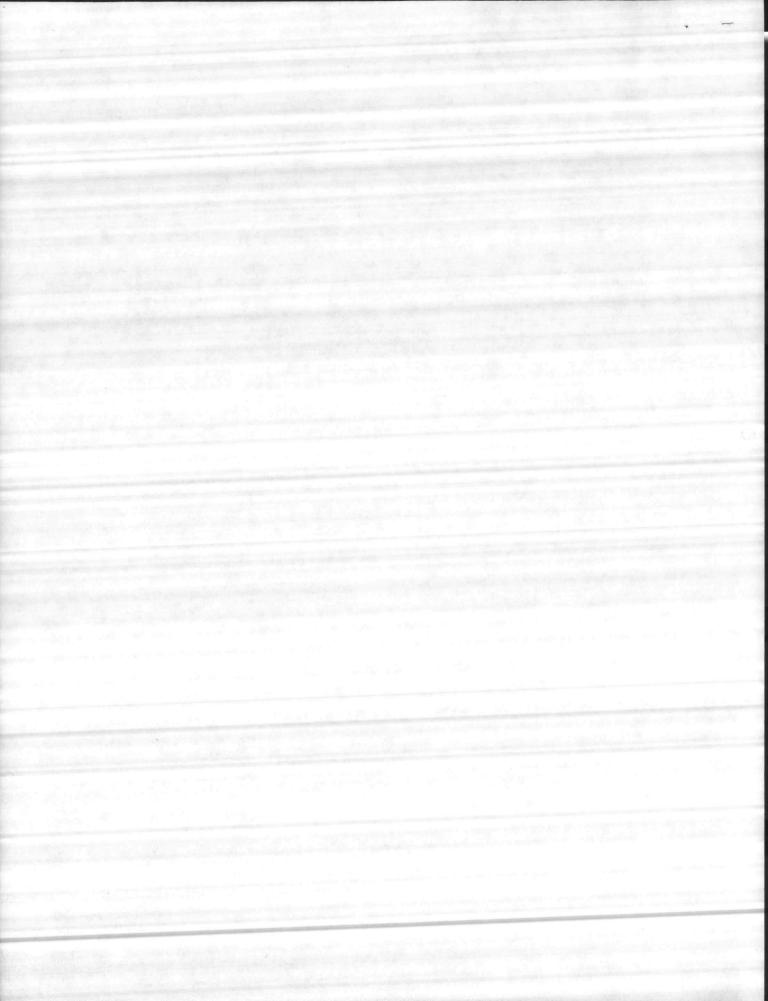
Source: Headquarters Marine Corps

F. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

Source: Headquarters Marine Corps

ATTACHMENT

A. Annual Price Escalation Rates



FISCAL	L YEAR	ANNUAL ESCA RATES. (PER	
FR	<u>TO</u>	MILCON	O&M,MC*
. 79	. 80	. 9.0	6.0
80	81	8.0	6.0
81	82	6.3	5.6
82	83	6.0	5.6
83.	84	6.0	. 5.6
84	85	6.0	5.6
ANNUAL H	ATE THEREAFTER:	6.0	5.6

* FY 1978 RATES

Attachment "A" to Enclosure (3)



21 SEPTEMBER 1979

FY-1981 MARINE CORPS MILITARY CONSTRUCTION PROGRAM

ITEM

BASIC

P-NO.

ACTIVITY

19 Aug 🗖			the second s		0001(0000)
		, CHERRY POINT	ACFT PARK AP	RON	1,600
· C	MCRD	, PARRIS ISLAND	CHAPEL.		1,200
		, KANEOHE BAY	GYMNASIUM		2,200
		CAMP LEJEUNE	UEPH		5,900
-		, EL TORO	UEPH	a subscription of the second se	4,500
2		CC, 29 PALMS	UEPH		4,400
		(H), TUSTIN	UEPH.MOD	김 씨는 바람을 넣었는	7,600
- 2	MCAS	(H), NEW RIVER	UEPH		3 700

TOTAL BASIC 31

31,100

COST(\$000)

MINIMUM

- 324 370 790 270 216 536 026 072 611 326 232 434 281 304	TRANSMITTER FAC GROUND SPT EQUIP SHOP HIGH SPEED REFUEL SYS F-18 TRAINING FAC ALTER HANGAR 103 TANK MAINT FAC ELEC/COMM MAINT FAC UEPH MOD UEPH UEPH UEPH UEPH MOD UTILITIES IMPR DINING FAC	500 $2;200$ $6,500$ $2,750$ 620 $6,100 - 6.1$ $3,050$ $3,650$ $10,600 - 10.6$ $7,000 - 16.7 H$ $4,300$ $1,600$ $2,300$

TOTAL MINIMUM 63,380 -16,7 Com p Lejens app 25 %

ENHANCED

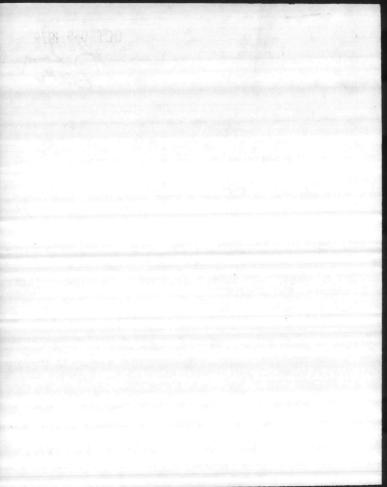
610	MCAS, CHERRY POINT	ACFT PARK APRON	3,400
667	MCAS, CHERRY POINT	ORD EQUIP MAINT FAC	
797	MCB, CAMP PENDLETON	UEPH MOD	10,650
117	MCLB, BARSTOW	HEATING DIST SYS	

TOTAL ENHANCED 19,600

FY-1981 MARINE CORPS TOTAL 114,080

. ett. 118 🕹

	ACTION	INFO	CT 09 1979
BMO	1	1-	Alle
ABMO		-	Balz
MAINT NCO			
SAFETY CHMN			
PROP	Esta an		
M&R	and a strength		
OPNS	1		
ADMIŃ		14	6
TELE			0
UTIL			
ENVIRON AFF			
SECRETARY			
F&A BRANCH	and the second		2. 1. 1. 1. 1. 1. 1.
UMACS	and the second		



ASSISTANT CHIEF OF STAFF, FACILITIES HEADQUARTERS, MARINE CORPS BASE

DATE 9 pet

TO:

BASE MAINT O

PUBLIC WORKS O

COMM-ELECT O

MOTOR TRANSPORT O

ATTN:

DIR, QUARTERS & HOUSING

DIR, BOQ/BSQ

BASE FIRE CHIEF

1.) Attached is forwarded for info/action. Sent to pues for action. Ple provide supporting Sufo When Requested by Iwo

2. Please initial, or comment, and return all papers to this office.

3. Your file copy

BOGun

"LET'S THINK OF A FEW REASONS WHY IT CAN BE DONE"



HEADQUARTERS, MARINE CORPS BASE MAIL CONTROL FORM

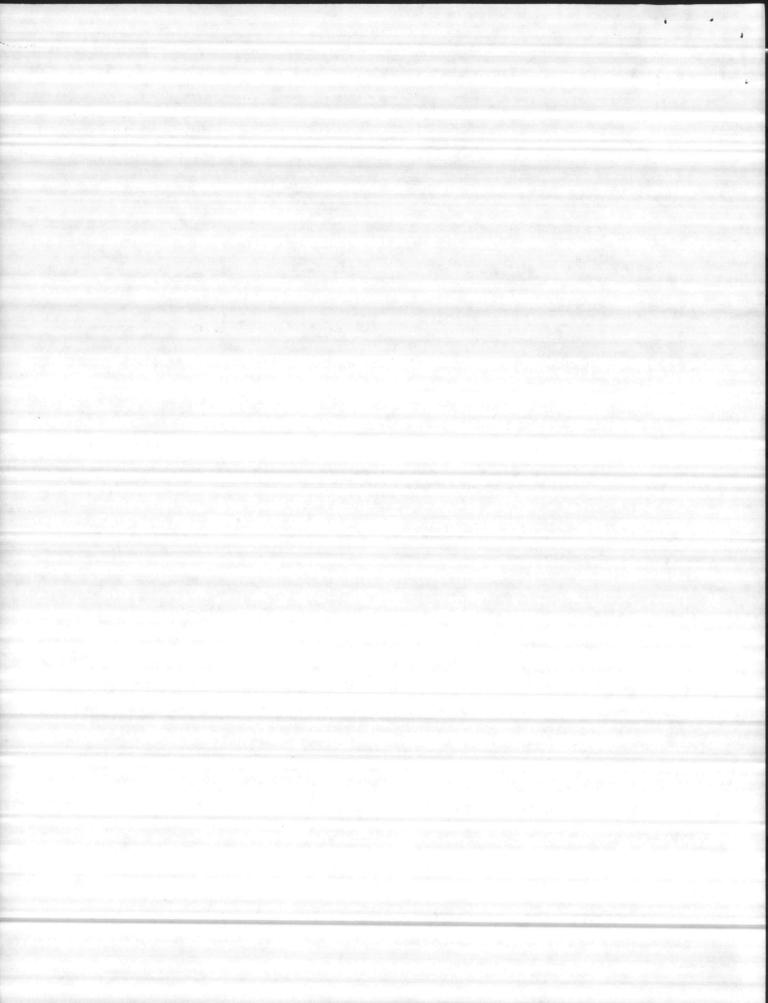
RETURN THIS FORM AND ATTACHED CORRESPONDENCE TO BASE CENTRAL FILES

CONTROL NUMBER: <u>300-79</u> (Assigned by Adjutant)

FROM:	СМС	REPL	Y DUE:	NLT 15Nov
DATE OF CORRESPONDENCE:	28Sep	CROS	S REFERENC	
DATE RECEIVED:	30ct	ORIG	INATORS SY	MBOL: LFF-1-AN:bab
SUBJECT: Supplemental FY 1981 Milit	Informat ary Cons	ion Re tructi	quested on Progr	by Congress for am
	ACTION	INFO	INITIAL	COMMENTS
COMMANDING GENERAL				
CHIEF OF STAFF		2	ł	
INSPECTOR			``	
AC/S MANPOWER		4		
AC/S TRAINING				
AC/S FACILITIES	3			
AC/S COMPTROLLER		5	anogen in the	
AC/S PERSONNEL SERVICES				
AC/S SUPPLY SERVICES				
AC/S MANAGEMENT SERVICES	a di sa			
РМО				
SJA				
ADJUTANT		_/	T	
and the second	and the second second			

MCBCL 5216/3

NUMBERS INDICATE ORDER OF ROUTE





DEPARTMENT OF THE NAVY HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON, D.C. 20380

IN REPLY REFER TO LFF-1-AN:bab

28 SEP 1979

From: . Commandant of the Marine Corps To: . Distribution List

Subj: Supplemental Information Requested by Congress for Fiscal Year 1981 Military Construction Program

Encl:

- : (1) Extract of House Appropriations Committee Report for Fiscal Year 1980 Military
 - Construction, Report No. 96-246
 - (2) Sample of DD Form 1390 and Instructions for Supplemental Information
 - (3) Sample of DD Form 1391 and Instructions for Supplemental Information
 - (4) Fiscal Year 1981 Marine Corps Military Construction Program

1. As was the established requirement of the House Appropriations Committee in Fiscal Year 1980, the activity commanders are once again requested to submit the following information in preparation of the Fiscal Year 1981 Congressional Budget submission (enclosure (1):

DD FORM 1390 SUPPLEMENTAL INFORMATION

A. Estimated Cost of Backlog of Real Property Maintenance (BMAR) (see notes).

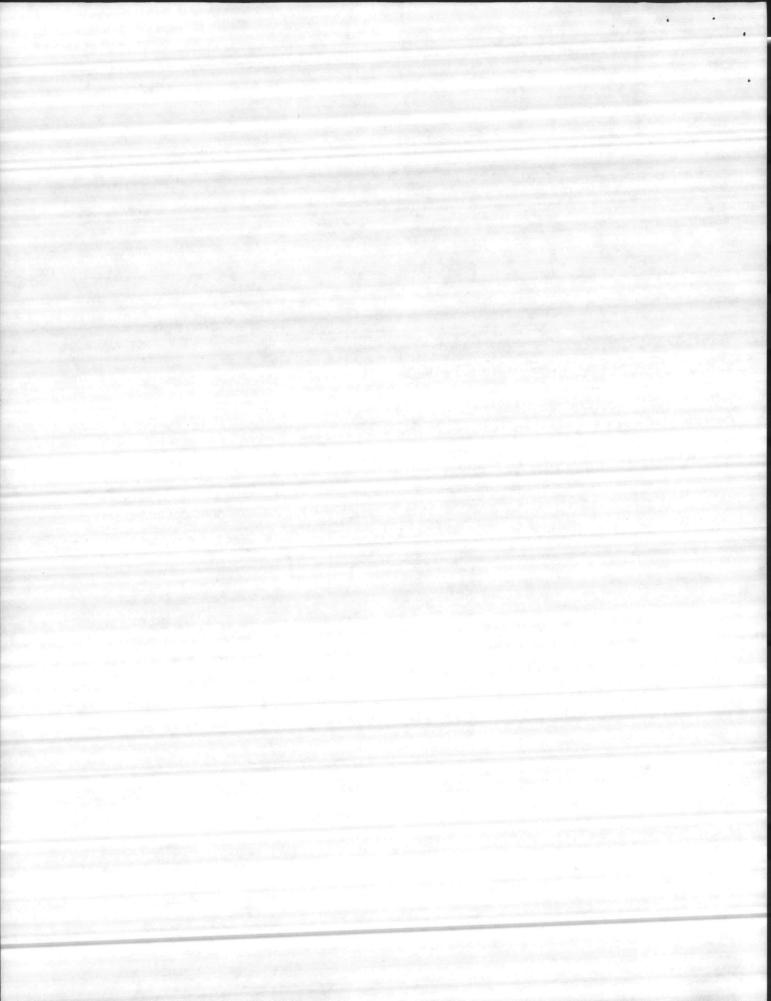
- B. Similar unused space.
- C. Outstanding pollution and safety (OSHA) violations.
- NOTES: Detailed instructions are contained in enclosure (2). Information must be developed for each activity listed in enclosure (4), which reflects the Fiscal Year 1981 Marine Corps Military Construction Program. Item A, Estimated Cost of Backlog of Real Property Maintenance, will be developed by Headquarters Marine Corps.

DD FORM 1391 SUPPLEMENTAL INFORMATION

A. Estimated Annual Cost to Operate the Proposed Facility.

B. Number of Additional Personnel Necessary to Carry Out the Function of the Proposed Facility.

C. Estimated Life-Cycle Cost to Operate and Maintain the Proposed Facility if New Facility is a Replacement.



Subj: Supplemental Information Requested by Congress for Fiscal Year 1981 Military Construction Program

D. Estimated Life-Cycle Cost to Operate and Maintain the Existing Facility, if New Facility is a Replacement.

E. Design Status.

F. Equipment Associated with this Project which will be provided from Other Appropriations.

Detailed instructions are contained in enclosure (3). NOTES: Items A. and B. will be required for each project listed in enclosure (4). Items C. and D. will be required only for those projects listed in enclosure (4) which will replace existing facilities. It should be noted that for Item D., the cost of any actions necessary to equalize the capability and life span of the existing facility with those of the proposed new construction must be included to insure true comparability. Item E., Design Status, and Item F., Equipment Associated with this Project which will be provided from Other Appropriations, will be developed by this Headquarters.

2. The foregoing information is to be submitted to reach Headquarters Marine Corps (Code LFF.) not later than 15 November 1979.

R.J. Trundy

By direction

Distribution List: COMCABWEST CG MCAS El Toro CG MCDEC Quantico CG MCB Camp Pendleton CG MCLB Barstow COMCABEAST CG MCAS Cherry Point CG MCB Camp Lejeune CG MCAGCC 29 Palms CG MCRD Parris Island COMMARCORBASESPAC CO MCAS(H) New River CO MCAS Yuma CO MCAS Kaneohe Bay CO MCAS(H) Tustin

2 .



HOUSE OF REPRESENTATIVES

Report No. 96-24

MILITARY CONSTRUCTION APPROPRIATION BILL, 1980

June 7, 1979.-Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

> Mr. McKay, from the Committee on Appropriations, submitted the following

REPORT

(To accompany H.R. 4391)

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for military construction and family housing for the Department of Defense for the fiscal year ending September 30, 1980.

PAGE 4

ITEM OF SPECIAL INTEREST

Additional Justification Material

Last year the Committee requested additional justification material to support the request for military construction funds. This information was very helpful to the Committee in its review and shall continue to be furnished. The Committee is particularly interested in continuing the status report on the execution of the military construction program and the separate report and justification material for the planning and design program.

The Committee requests that three additional pieces of information be included on the supplemental justification page: (1) Whether or not the design for the facility is based on a standard design or definitive, and where it was used previously, (2) the actual or estimated cost of design, including the inhouse and contract costs separately, and (3) the month and year the construction is planned to begin.

The Department is to provide automated state and functional lists to the Committee to facilitate computerization of the project listings. This should be in machine readable form.



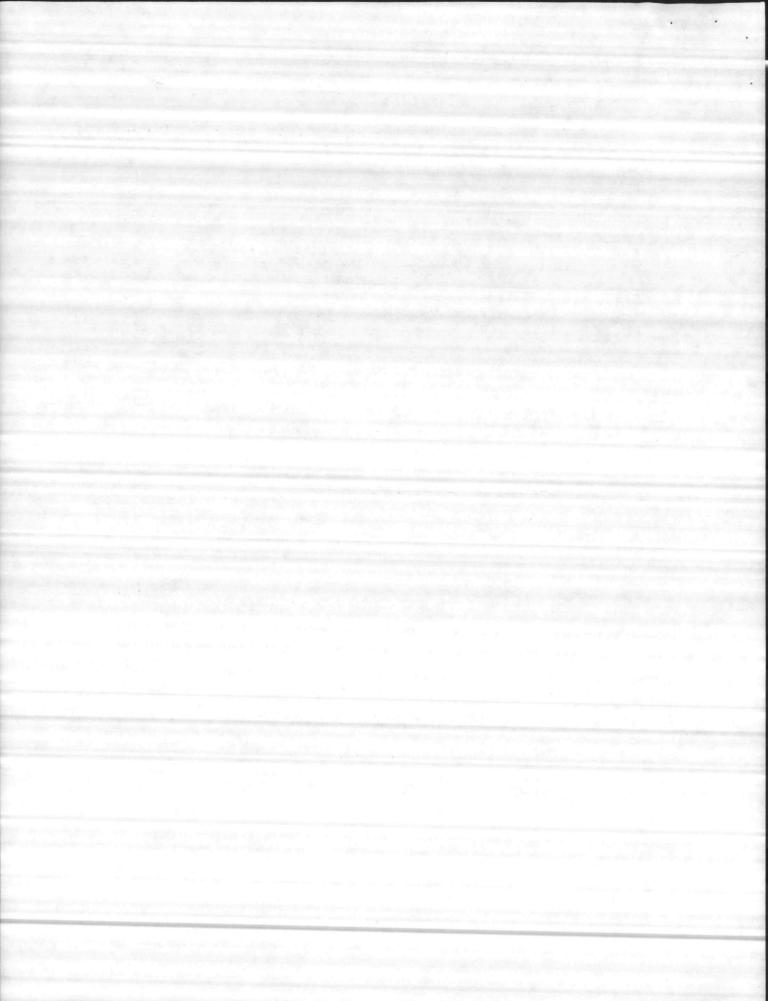
(SAMPLE)

DD-FORM 1390 SUPPLEMENTAL DATA . FY 1979 MILITARY CONSTRUCTION PROGRAM

	AVY PONENT MCAS Cherry Point NC INSTALLATION/LOCATION	Marine Corps COMMAND
, i		(\$000)
Α.	ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE (BMAR):	3,186
	Permanent Facilities Temporary Facilities	(3,090) (96)
в.	SIMILAR UNUSED SPACE: Real Property Categories	Quantity/Unit of Measure
	171-XX Training Buildings	0
	211-XX Maintenance - Aircraft	5,614 SF
	214-XX Maintenance - Automotive	8,893 SF
	800-XX Energy Conservation	N/A
c.	OUTSTANDING POLLUTION AND SAFETY (OSHA)	VIOLATIONS:
	1. Air Pollution	0 (\$000)
Ð	2. Water Pollution	0 (\$000)
	3. Safety & Occupational Health	·

(SAMPLE)

Enclosure (2)



INSTRUCTIONS FOR PREPARATION OF DD FORM 1390 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

A. ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE (BMAR)

Source: Headquarters Marine Corps

B. SIMILAR UNUSED SPACE. Indicate the total area in square feet of unused space in facilities at the installation having three-digit category codes which correspond to those of the projects included in the budget request. For use by Marine Corps witnesses during hearings, provide brief explanation why the vacant space in each three-digit category code cannot be used to satisfy or reduce the requirement to be met by the projects requested in the same category code. If vacant space is to be used for any purpose in the future, or is to be demolished, explain.

Source: Activity Commander

C. OUTSTANDING POLLUTION AND SAFETY (OSHA) VIOLATIONS

(1) Air Pollution

Source: Headquarters Marine Corps

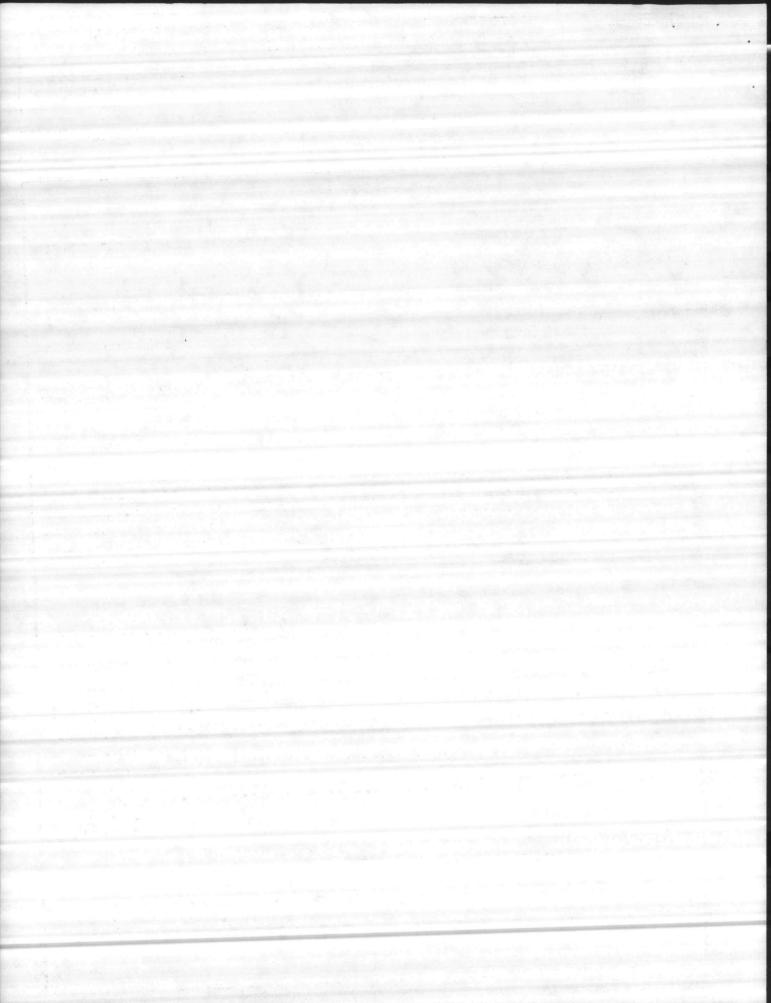
(2) Water Pollution

Source Headquarters Marine Corps

(3) Safety and Occupational Health Hazards. Enter cost of projects in all funding categories (e.g., military construction, operations and maintenance, industrial fund etc.) required to correct serious occupational safety and health hazards in accordance with procedures authorized in CMC speedletter MPN-70-mdm of 9 Feb 1977. In this application, include those hazards assigned Hazard Codes I and II in the cited speedletter. Data base shall be as of the date of the budget submission (October 1).

Source: Activity Commander

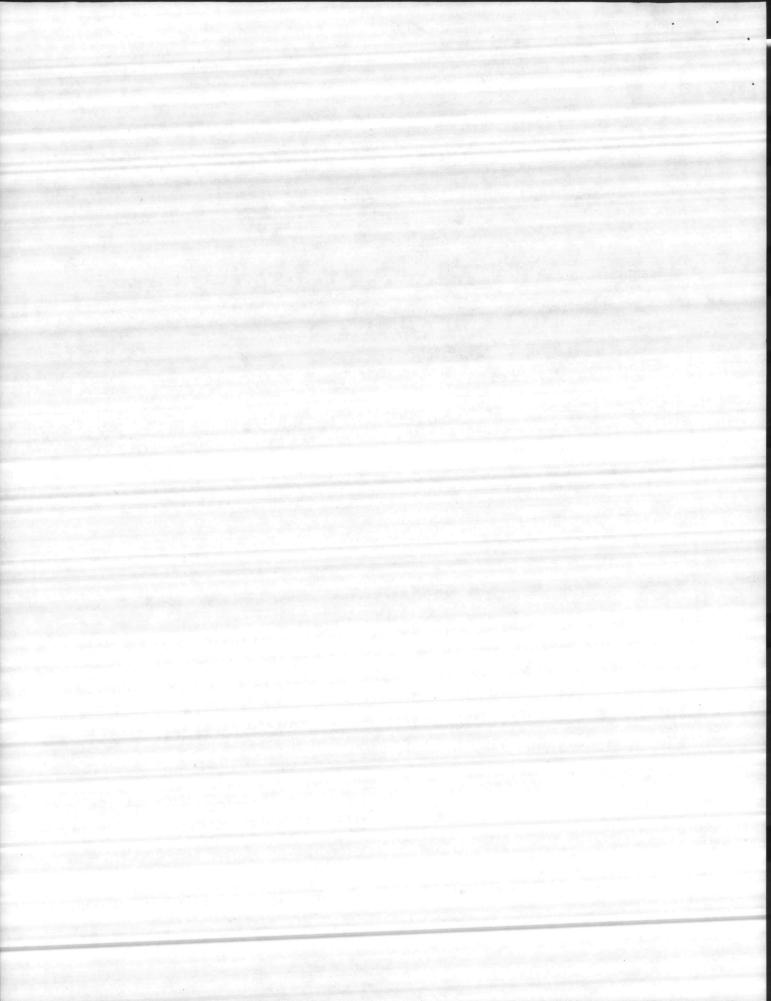
Enclosure (2)



3. INSTALLATION A	ND LOCATION	0	
4			
4. PROJECT TITLE		and the spectrum of the second s	
Section and the section of the secti	···· · · · · · · · · · · · · · · · · ·	5. PF	OJECT NUMBER
		and the second se	Antipation in a
	SUPPLEMENT	AT DAMA	and the constant of the consta
A. ESTIMATED			- instri
a. ESTIMATED	ANNUAL COST TO OPERATE T	HE PROPOSED FACILITY	
B. NUMBER OF	ADDITIONAL FERSONNEL NEC. ON OF THE PROPOSED FACIL		(\$000)
C. ESTIMATED	LIFE-CYCLE COST TO OPERA		(PEOPLE
. ESTIMATED I	LIFE-CYCLE COST TO OFERAL ACILITY IF NEW FACILITY I		(\$000)
. DESIGN DATA			(\$000)
1. STATUS			
1. STATUS			· · · · ·
d. Dat 2. BASIS	cent Complete as of Janu cent Complete as of Octo e Design Complete	••••••••••••••••••••••••••••	••
	and the second second		
a. Star	ndard or Definitive Designe Design Was Most Recent	gn - Yes No tly Used	
or miles			States and states and an other states are stated as a state of the state of the state of the state of the state
3. COST (To	(tal) = c = a+b and $d+e$		(\$000)
3. COST (To a. Prod	luction of Plans and Same	ifications	(<u>\$000</u>)
3. COST (To a. Proc b. All	duction of Plans and Spec Other Design Costs		(<u>\$000</u>)
3. COST (To a. Prod b. All c. Tots d. Cont	duction of Plans and Spec Other Design Costs		(<u>\$000</u>)
3. COST (To a. Prod b. All c. Tots d. Cont	duction of Plans and Spec Other Design Costs		(<u>\$000</u>)
3. COST (To a. Prod b. All c. Tots d. Cont e. In-h	Auction of Plans and Spec Other Design Costs al		(<u>\$000</u>)
3. COST (To a. Prod b. All c. Tots d. Cont e. In-h	duction of Plans and Spec Other Design Costs		
3. COST (To a. Prod b. All c. Tota d. Cont e. In-h 4. CONSTRUC	Auction of Plans and Spec Other Design Costs Tract TION START		(month and
3. COST (To a. Prod b. All c. Tota d. Cont e. In-h 4. CONSTRUC	Auction of Plans and Spec Other Design Costs al		
3. COST (To a. Prod b. All c. Tota d. Cont e. In-h 4. CONSTRUC EQUIPMENT AS: PROVIDED FROM	Auction of Plans and Spec Other Design Costs al. TROT TION START SOCIATED WITH THIS PROJE M OTHER APPROFRIATIONS:	CT WATCH WITL EE Fiscal Year	(month and
3. COST (To a. Prod b. All c. Tots d. Cont e. In-h 4. CONSTRUC EQUIPMENT ASS PROVIDED FROM	Auction of Plans and Spec Other Design Costs aucract TION START	CT WITCH WITL EE	(month and

٩

. .



INSTRUCTIONS FOR PREPARATION OF DD FORM 1391 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

The following data shall be provided for each facility in the program using the standard DD Form 1391c and the format shown in the preceding sample. All costs, regardless of their time of occurrence, are in budget year dollars (i.e., Fiscal Year 1981 dollars for Fiscal Year 1981 Supplemental Data). See attachment A to this enclosure for annual escalation rates to be used in adjusting Military Construction and O&M,MC costs from year of occurrence to Fiscal Year 1981 costs.

NOTE: Sections A, B, and E are to be completed for all project proposals. Sections C and D are to be "completed only for project proposals which represent replacement facilities. Section F should be completed where applicable for all projects.

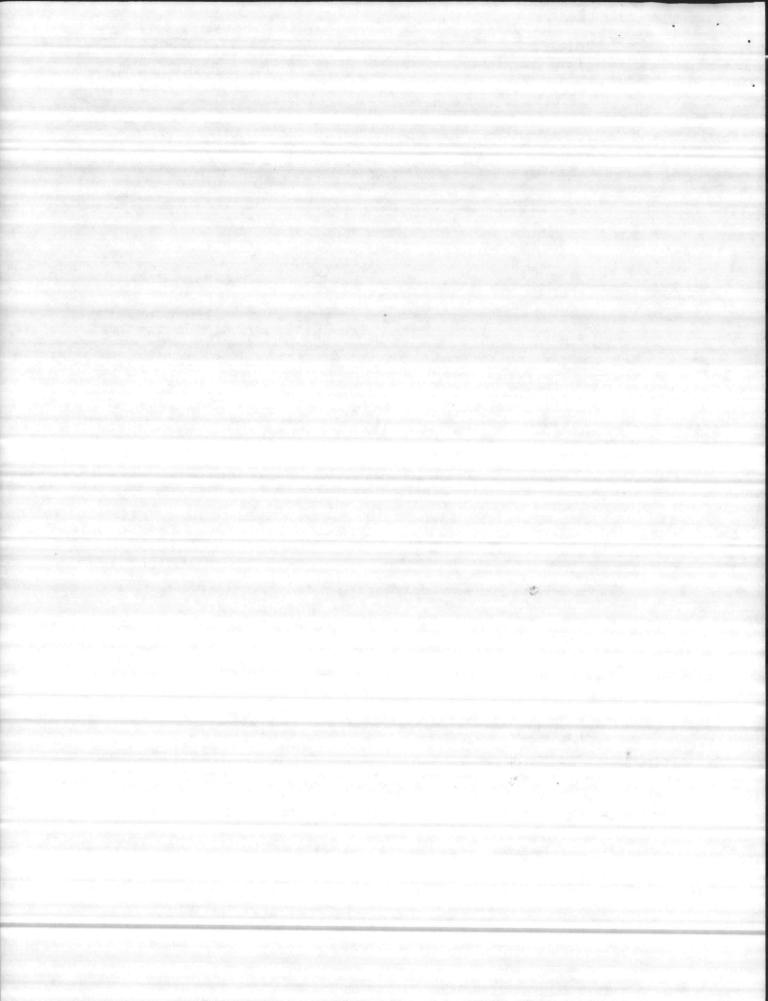
ESTIMATED'ANNUAL COST TO OPERATE THE PROPOSED FACILITY: Α. These costs should reflect the equivalent uniform annual cost that corresponds to the total estimated cost of operating the proposed facility on a year-to-year basis over the first 25 years of the life of the facility. Cost should be based to the maximum extent possible on actual historical data for the particular type of facility, adjusted to reflect differences between the proposed facility and existing facility of the same type. Cost will be in terms of FY79 dollars. Costs will be limited to Maintenance and Repair (M), Utilities (N), and other Engineering Support (P). Do not include costs, other than M, N, and P, of the operation to be housed in the facility. (Wages and salaries of personnel who will work in the proposed facility, for example, are not to be included.) Activities will estimate these costs as follows:

1. <u>Maintenance and Repair (M)</u>. The minimum cost of ownership concept used in maintenance budgeting will be used. Maintenance-type costs will encompass all costs associated with facilities, including materials, equipment, personnel, etc.

2. <u>Utilities (N)</u>. The utilities cost will include the fuel/energy costs, other utilities costs, as estimated using activity rates, or actual cost when available.

3. Other Engineering Support (P). Costs will be based on actual services required for the proposed facility.

NOTE: Only a single figure will be submitted to Congress. However, for use during hearings, information submitted by activities should provide sufficient detail and clarity of calculations and assumptions to permit a well informed defense of the figure provided.



B. NUMBER OF ADDITIONAL PERSONNEL NECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY: Enter only the number of added personnel to be associated with the operation of the new facility. If all necessary personnel will be reassigned from within activity assets to operate the new facility, enter "zero." Personnel served by the facility are not to be included (e.g., in cases involving new dining halls or training facilities, only the assigned operating staff and/ or instructors are to be considered, not the personnel served meals or students receiving training.

Source: Activity Commander

C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE PROPOSED FACILITY IF NEW FACILITY IS A REPLACEMENT: Enter the estimated life-cycle cost (i.e., the total cost of ownership) of the proposed facility over its projected economic life or 25 years, whichever is less. The life-cycle cost -- which includes the cost of design still to be done, construction, operation (as defined in subparagraph A above), and disposal/ demolition (where applicable) -- should be expressed in terms of the present value on October 1, 1979. The present value is the sum of the present value on October 1, 1979, of all costs that will be incurred over the economic life of the facility or 25 years, whichever is less.

- NOTE: A proposed facility is to be considered a replacement if it (a) houses the bulk of the mission or function presently housed on the installation, and (b) the following conditions apply:
 - 1. The space requirements of the proposed facility do not exceed the space presently being used by a factor of 2,
 - 2. the present housing of the mission/function has been of long standing and cannot be considered temporary or makeshift in nature,
 - 3. the feasibility of renovating, expanding, etc. the existing facility or facilities as an alternative to building a new facility cannot be rejected on non-economic grounds.

Source: Activity Commander



D. ESTIMATED LIFE CYCLE COST TO OPERATE AND MAINTAIN THE EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT: Determination of the life-cycle cost of the proposed facility is prescribed in C above. The intent here is to obtain, for comparison purposes, the life-cycle cost of continuing the present facility (or facilities). However, it will be necessary to equalize facility capability and life span between the two alternatives. For example, if the existing facility is too small, the life-cycle cost calculations should provide for construction in FY 1981 of an addition or for conversion of some other space to satisfy the need. Also, if the existing facility is in poor condition, uninhabitable, or unsafe, some FY 1981 capital investment would be necessary to extend its useful life over the same period of time as the proposed new facility. When the life of the existing facility cannot be reasonably extended for a period equal to the 25-year economic life of a new facility, the life-cycle cost determination for the existing facility should include the cost of a suitable replacement facility at the end of its extended economic life. This assures that the total span of time covered will be the same as the economic life of the new construction alternative proposed for FY 1981. Cost estimates for operating the existing facility an additional 25 years, should account for probable increases due to accelerated frequency of emergency maintenance, repair, and replacements for the facility as well as energy/fuel consumption for the upgraded/ renovated/expanded version of the facility. Thus, the cost figure will be the present value of all costs incurred to make the existing facility at least minimally capable of performing the same functions and providing the same services as the proposed new facility over the same period of time. The present value should be determined in the same way as the present value of the life-cycle cost to operate and maintain the proposed facility.

Source: Activity Commander

E. DESIGN STATUS (ESTIMATED)

Source: Headquarters Marine Corps

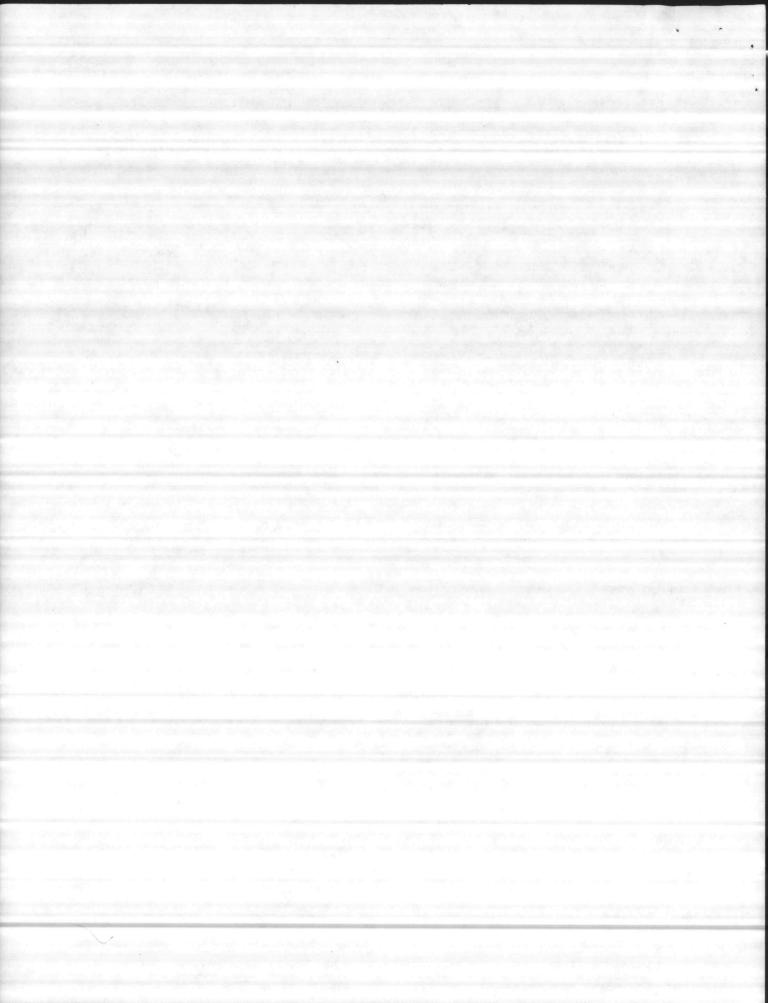
F. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

Source: Headquarters Marine Corps

4

ATTACHMENT

A. Annual Price Escalation Rates



FISCAL	L YEAR		ANNUAL ESC. RATES (PE	
FR	<u>TO</u>		MILCON	O&M,MC*
, 79	80		9.0	6.0
80	81		8.0	6.0
81	82		6.3	5.6
82	83	12	6.0	5.6
83	84		6.0	5.6
84	85		6.0	5.6
ANNUAL F	ATE THEREAFTER:		6.0	5.6

* FY 1978 RATES

Attachment "A" to Enclosure (3)



FY-1981 MARINE CORPS MILITARY CONSTRUCTION PROGRAM

		BASIC	
P-NO.	ACTIVITY	ITEM	COST(\$000)
609 039 019 -611A 326A 232A 141 206	MCAS, CHERRY POINT MCRD, PARRIS ISLAND MCAS, KANEOHE BAY MCB, CAMP LEJEUNE MCAS, EL TORO MCAGCC, 29 PALMS MCAS(H), TUSTIN MCAS(H), NEW RIVER	ACFT PARK APRON CHAPEL GYMNASIUM UEPH UEPH UEPH UEPH.MOD UEPH	1,600 1,200 2,200 5,900 4,500 4,400 7,600 <u>3,700</u>

TOTAL BASIC 31,100

MINIMUM

- 324	MCAS(H), NEW RIVER	TRANSMITTER FAC	500
370	MCAS, YUMA	GROUND SPT EQUIP SHOP	2;200
790	MCAS, CHERRY POINT	HIGH SPEED REFUEL SYS	6,500
270	MCAS, EL TORO	F-18 TRAINING FAC	2,750
216	MCAS, KANEOHE BAY	ALTER HANGAR 103	620
-536	MCB, CAMP LEJEUNE	TANK MAINT FAC	6,100
026	MCAS, CHERRY POINT	ELEC/COMM MAINT FAC	3,050
072	MCRD, PARRIS ISLAND	UEPH MOD	3,650
-611	MCB, CAMP LEJEUNE	UEPH	10,600
326	MCAS, EL TORO	UEPH	7,000
232	MCAGCC, 29 PALMS	UEPH	4,300
434	MCB, CAMP PENDLETON	UEPH MOD	10,400
281	MCB, CAMP PENDLETON	UTILITIES IMPR	1,600
304	MCDEC, QUANTICO	DINING FAC	2,300
147	MCB, CAMP PENDLETON	CHAPEL .	1,100
134	MCAGCC, 29 PALMS	FIRE ALARM SYS	710
	A COMPANY AND A COMPANY AND A COMPANY AND A COMPANY		and an and the second second

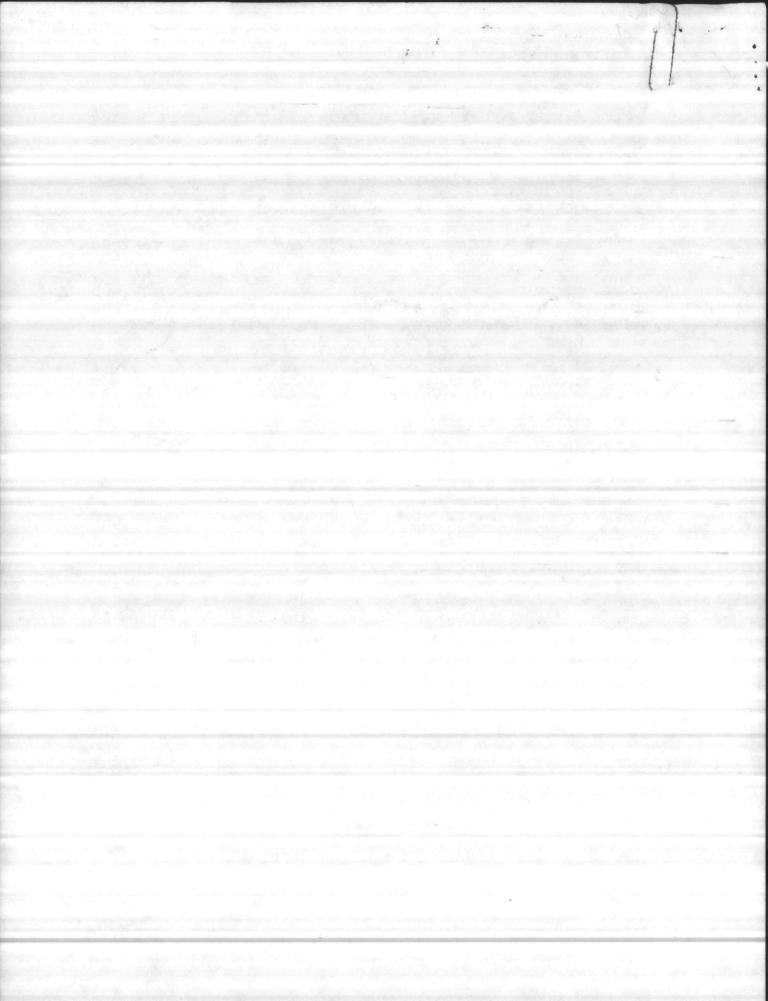
TOTAL MINIMUM 63,380

-ENHANCED

610	MCAS, CHERRY POINT	ACFT PARK APRON	3,400
667	MCAS, CHERRY POINT	ORD EQUIP MAINT FAC	950
797	MCB, CAMP PENDLETON	UEPH MOD	10,650
117	MCLB, BARSTOW	HEATING DIST SYS	4,600

TOTAL ENHANCED 19,600

FY-1981 MARINE CORPS TOTAL 114,080



BASE MAINTENANCE DEPARTMENT Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/FEC/clm 11000 1 November 1978

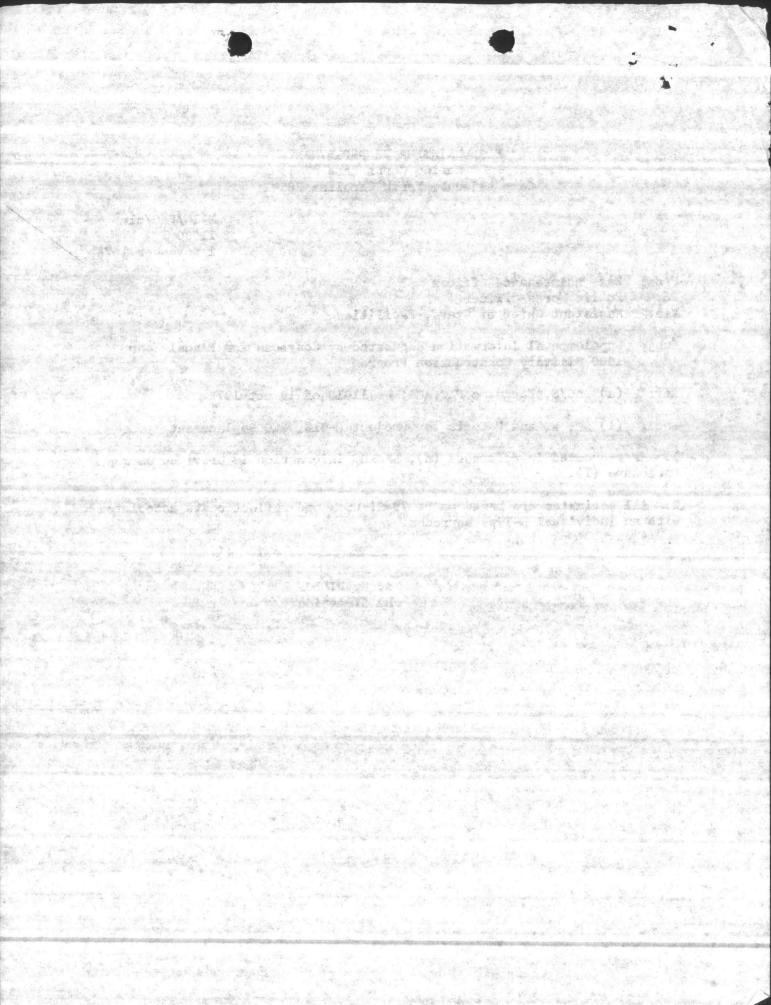
sul

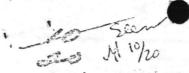
- From: Base Maintenance Officer
- To: Public Works Officer
- Via: Assistant Chief of Staff, Facilities
- Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program
- Ref: (a) AC/S, Fac meme FAC: ACA: mkc 11913 of 19 Oct 1978
- Eacl: (1) M, N, and P Costs for Project P-613, BEQ Replacement

1. As requested in reference (a), backup information is provided as enclosure (1).

2. All estimates are based on FY 79 figures and reflect costs associated with an individual H-Type barracks.

R. H. DILLON By direction





200 OCT 20 TINITED STATES MARINE CORPS Marine Corps Base Camp Lejeune, North Carolina 28542

The sour action.

FAC:ACA:mkc 11013 19 Oct 1978 Coordinate will Blod to assure they

MEMORANDUM

From: Assistant Chief of Staff, Facilities To: Public Works Office

Supplemental Information Requested by Congress for Fiscal Year Subj: 1980 Military Construction Program

Encl: (1) CMC ltr LFF-1-LAW:bab of 12 Oct 1978

1. Enclosure (1) is forwarded for action.

2. By copy hereof, the Base Maintenance Officer is requested to provide all necessary backup information for M, N and P costs and outstanding pollution violations, as discussed in enclosure (1).

3. By copy hereof, the Assistant Chief of Staff, Manpower is requested to provide information concerning outstanding OSHA violations.

4. In view of the 15 November 1978 due date, expeditious coordination and action are requested.

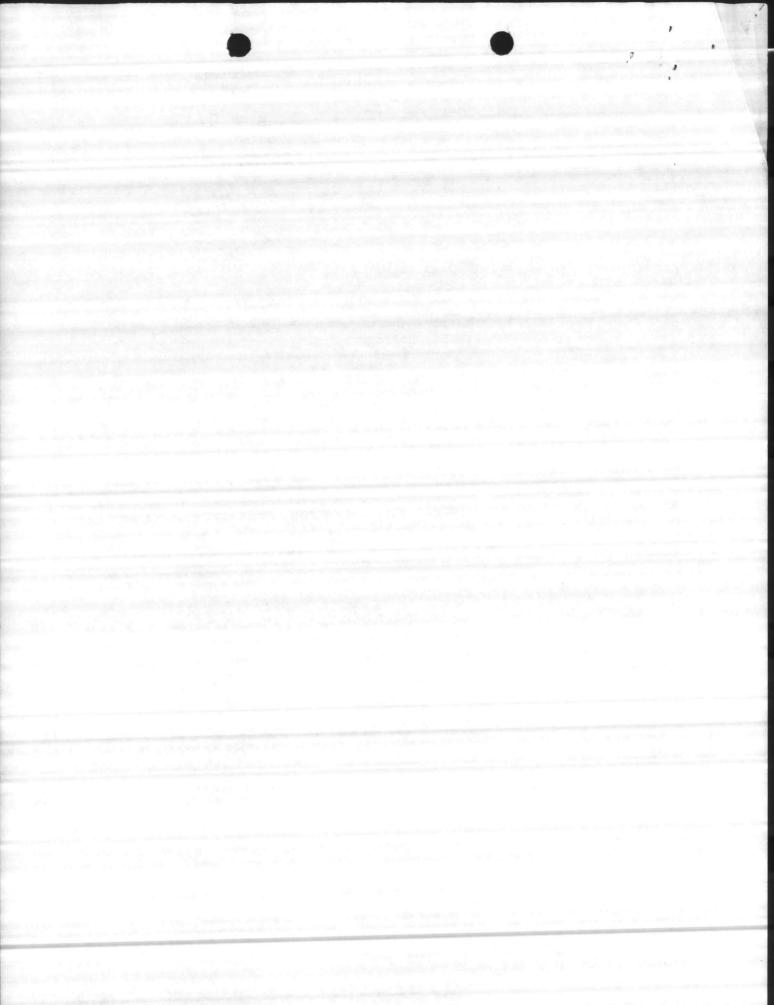
The Brister luy

230 Action

200/280 Who will do the work on P-132

Copy to: AC/S, Manpower **BMaintO**

Who will do the work on P-132? Talk to B. Blake to insure there Talk to confusion and thet by ist do confusion of get done by st do confusion of get done by Aomebody. 06 1430 Hes Mas BLACK WILL SEND COPY TO BE





DEPARTMENT OF THE NAV HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON, D.C. 20380

IN REPLY REFER TO LFF-1-LAW: bab

Eucl(2)

1 2 OCT 1978

Commandant of the Marine Corps From: Distribution List To:

Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program Sub.i:

	Encl: (1)	Extract of House Appropriations Committee Report for Fiscal Year 1979 Military
	(2)	Construction, HR 95-1240 Sample of DD Form 1390 and Instructions for
1390		Supplemental information Sample of DD Form 1391 and Instructions for
1391	(4)	Supplemental Information Fiscal Year 1980 Marine Corps Military Construction Program

The House Appropriations Committee has established significant new requirements for information in support of military construction projects, as shown in enclosure The Office of the Secretary of Defense has decided to provide the requested information to the House Appropriations Committee and any of the other three committees that wish to receive it. In view of the extent of the data gathering and analysis involved, it is considered essential that this effort commence immediately in preparation for the Fiscal Year 1980 Congressional budget submission in January 1979.

Activity commanders are therefore requested to develop 2. the following information:

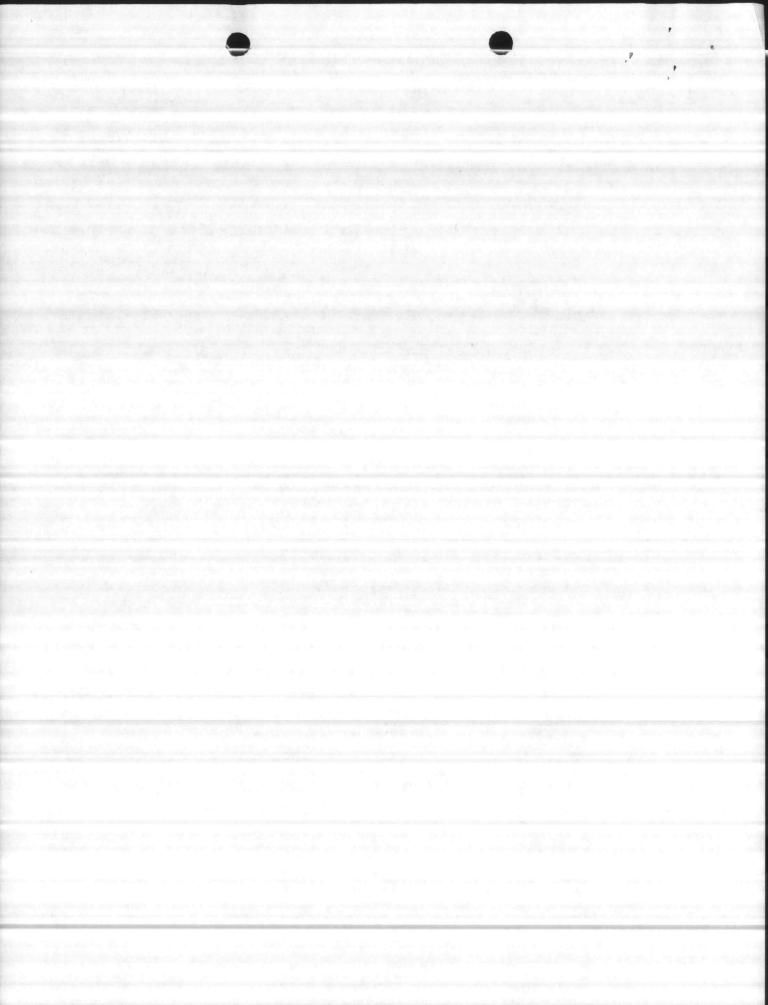
DD FORM 1390 SUPPLEMENTAL INFORMATION

Estimated Cost of Backlog of Real Property Maintenance (see notes).

Similar unused space.

Outstanding pollution and safety (OSHA) violations.

MCB Detailed instructions are contained in enclosure (2). Information must be developed for each activity listed in enclosure (4), which reflects the Fiscal Year 1980 Marine NOTES:



LFF-1-LAW: bab

Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program

Corps Military Construction Program as submitted to OSD on 22 September 1978. Item A, Estimated Cost of Backlog of Real Property Maintenance, will be developed by Headguarters Marine Corps.

DD FORM 1391 SUPPLEMENTAL INFORMATION Eucl(3)

Estimated Annual Cost to Operate the Proposed Facility.

ale Out the Function of the Proposed Facility.

Restruct (C.) Estimated Life-Cycle Cost to Operate and Maintain Restruction Proposed Facility.

Relative (D.) Estimated Life-Cycle Cost to Operate and Maintain Relative the Existing Facility, if New Facility is a Replacement.

CMC -> E. Design Status.

A

Pop

THE be provided from Other Appropriations.

NOTES: Detailed instructions are contained in enclosure (3). Items A. and B. will be required for each project listed in enclosure (4). Items C. and D. will be required only for those projects listed in enclosure (4) which will replace existing facilities. It should be noted that for item D., the cost of any actions necessary to equalize the capability and life span of the existing facility with those of the proposed new construction must be included to insure true comparability. Item E., Design Status, and item F., Equipment Associated with this Project which will be provided from Other Appropriations, will be developed by this Headquarters.



LFF-1-LAW:bab

Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program

The foregoing information is to be submitted to reach Headquarters Marine Corps (LFF) not later than 15 November 1978.

the Second of

By Direction

Configure a lite

A second states and the

والمرجوع والمرجوع والمحاور والمرقب والمرقب فيتحافظ للمرجوع والمحاجب والمعادي والمحاج والمحاج والمحاج

r critarles, deregatational colles to optance statisticate and the income now feature restore engality resiling that he included

......

.

Distribution: COMCABWEST CG MCAS El Toro CG MCDEC Quantico CG MCB Camp Pendleton CG MCLSBPAC Barstow COMCABEAST CG MCAS Cherry Point CG MCB Camp Lejeune CG MCB 29 Palms CG MCB Camp Butler COMMARCORBASESPAC CO. MCAS(H) New River CO MCAS Yuma CO MCAS Kaneohe Bay CO MCAS(H) Santa Ana CO MCAF Camp Pendleton

COCK TREASURE AND AND A



95TH CONGRESS

1390

1391

USE OF REPRESENTATIVES

REPORT No. 95-1246

MILITARY CONSTRUCTION APPROPRIATION BILL, 1979

JUNE 1, 1978. - Committed to the Committee of the Whole House on the state of the Union and order to be printed

Mr. McKAY, from the Committee on Appropriations, submitted the following

REPORT

(To accompany H.R. 12927)

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for military construction and family housing for the Department of Defense for the fiscal year ending September 30, 1979.

PAGE 4

Additional information is to be included in the justification forms, as follows:

Form 1390 additions: The 1390 form (base information) should include data on the backlog of real property maintenance for each installation, an inventory of the number of square feet of unused space on the installation, and all outstanding pollution and safety violations. Form 1391 addition: The 1391 form (project information) should

Form 1391 addition: The 1391 form (project internation, the number include the annual costs to operate the proposed facility, the number of additional people associated with or required by the facility, a comestimated life-cycle cost to operate and maintain the facility, a comparison with the annual cost to operate and maintain the existing facility if this is a replacement facility, the design status as of January 1 of each project and estimated design status on October 1, and the procurement list of all equipment associated with the project. The cumulative, comparative annual costs to operate and maintain the proposed new facilities against existing facilities shall be included separately.

Enclosure (1)



(SAMPLE)

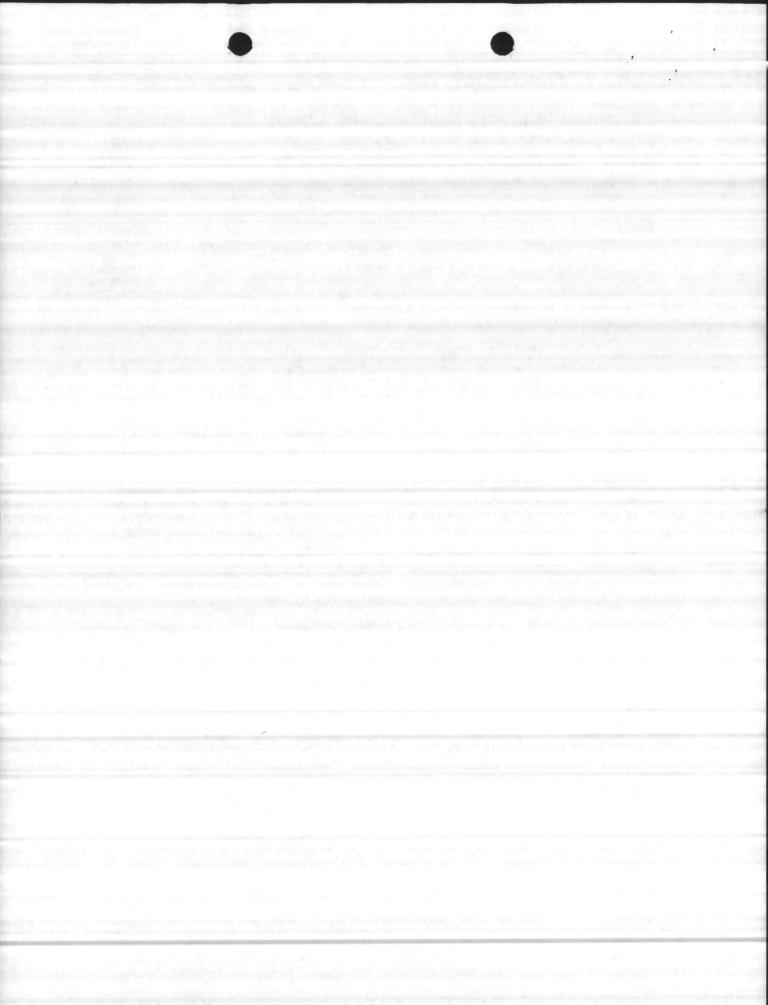
0

DD FORM 1390 SUPPLEMENTAL DATA FY 1979 MILITARY CONSTRUCTION PROGRAM

	N COM	AVY PONENT MCAS Cherry Point NC INSTALLATION/LOCATION	Marine Corps COMMAND
	COM		(\$000)
CMC	Α.	ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE (BMAR): Permanent Facilities Temporary Facilities	3,186 (3,090) (96)
MCB	в.	SIMILAR UNUSED SPACE: Real Property Categories	Quantity/Unit of Measure
		171-XX Training Buildings	0
		211-XX Maintenance - Aircraft	5,614 SF
		214-XX Maintenance - Automotive	8,893 SF
		800-XX Energy Conservation	N/A
	ć.	COSHA) VI	OLATIONS:
M.CB		1. Air Pollution	(\$000)
	y i Y	2. Water Pollution	0 (\$000)
		3. Safety & Occupational Health	<u>·0</u> (\$000)

(SAMPLE)

Enclosure (2)



INSTRUCTIONS FOR PREPARATION OF DD DRM 1390 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

A. ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE

(BMAR)

Source: Headquarters Marine Corps

B. SIMILAR UNUSED SPACE. Indicate the total area in square feet of unused space in facilities at the installation having three-digit category codes which correspond to those of the projects included in the budget request. For use by Marine Corps witnesses during hearings, provide brief explanation why the vacant space in each three-digit category code cannot be used to satisfy or reduce the requirement to be met by the projects requested in the same category code. If vacant space is to be used for any purpose in the future, or is to be demolished, explain.

Source: Activity Commander

C. OUTSTANDING POLLUTION AND SAFETY (OSHA) VIOLATIONS

(1) Air Pollution

W COMM DAGE STORES

1 1 1 2 1 2 1 2

Source: Headquarters Marine Corps

(2) Water Pollution

Source: Headquarters Marine Corps

(3) Safety and Occupational Health Hazards. Enter cost of projects in all funding categories (e.g., Military construction, operations and maintenance, industrial fund, etc.) required to correct serious occupational safety and health hazards in accordance with procedures authorized in CMC speed letter MPN-70-mdm of 9 Feb 1977. In this applica- David tion, include those hazards assigned Hazard Codes I and II in the cited instruction.

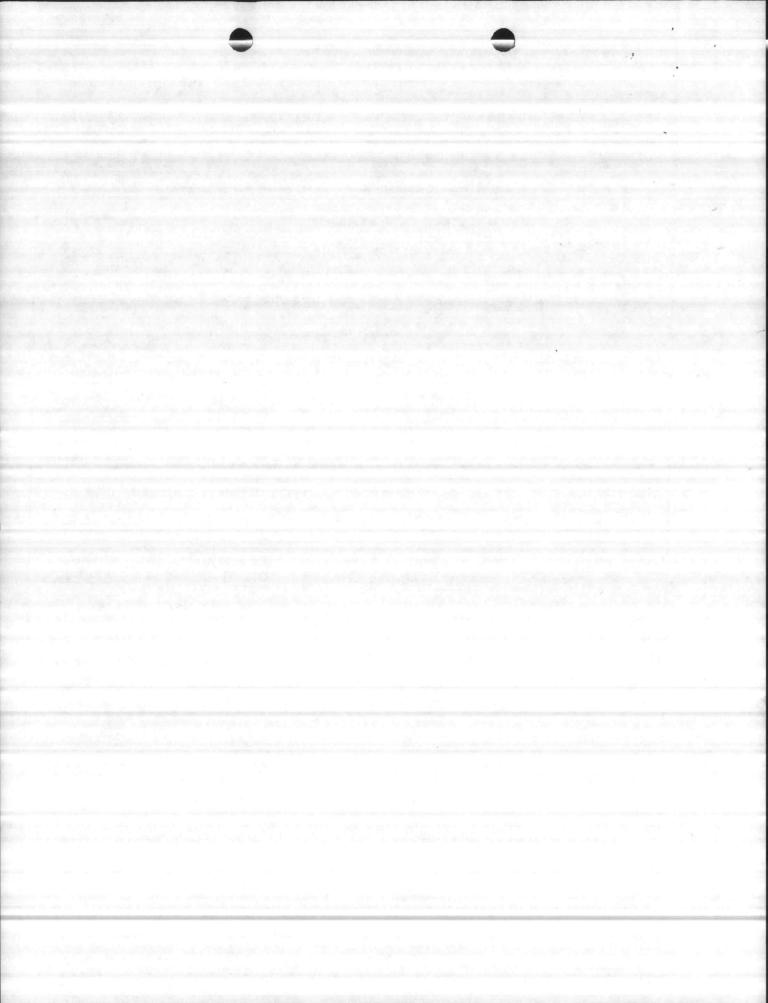
Enclosure (2)

Source: Activity Commander -

MININ FIRE PARTIES



	Navy Navy SAMPLE
1.15	3. INSTALLATION AND LOUDON
1/	CAMP PENDLETON, CALIFORNIA
	AUTOMOTIVE MAINTENANCE FACILITY
	SUPPLEMENTAL DATA
	A. ESTIMATED ANNUAL COST TO OPERATE THE PROPOSED. 10 FACILITY
· · · · · · · · · · · · · · · · · · ·	B. NUMBER OF ADDITIONAL PERSONNEL NECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY
	C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND (\$000) MAINTAIN THE PROPOSED FACILITY
6.901:	D. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT
	E. DESIGN STATUS (ESTIMATED):
	1. As of January 1, 1978 35 2. As of October 1, 1978 100
	F. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:
	EQUIPMENTPROCURINGFISCAL YEARNOMENCLATUREPROPRIATIONAPPROPRIATEDCOSTOR REQUESTED(\$000)
	- NONE '
•	and the second
•	
	it e acti-informed decons vor the finnes Roviced.
	Source: Activity developer
	DD SORU 12010 PREVIOUS EDITIONS MAY BE USED INTERNALLY Page No.
	DD FORM 1391c PREVIOUS EDITIONS MAY BE USED INTERNALE. Page No. I DEC 75 Enclosure (



INSTRUCTIONS FOR PREPARATION OF DD FORM 1391 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

The following data shall be provided for each facility in the program using the standard DD Form 1391c and the format shown in the preceding sample. All costs, regardless of their time of occurrence, are in budget year dollars (i.e., Fiscal Year 1980 dollars for Fiscal Year 1980 Supplemental Data). See attachment A to this enclosure for annual escalation rates to be used in adjusting Military Construction and O&M, MC costs from year of occurrence to Fiscal Year 1980 costs.

NOTE: Sections A, B, and E are to be completed for all project proposals. Sections C and D are to be completed only for project proposals which represent replacement CED Jobs / hearly P-613 facilities.

A. ESTIMATED ANNUAL COST TO OPERATE THE PROPOSED FACILITY. Costs will be limited to Maintenance and Repair (M), Utilities (N), and other Engineering Support (P). Does NOT include costs, other than M, N, and F, of the operation to be housed in the facility. (Wages and salaries of personnel who will work in the proposed facility, for example, are not to be included.) Activities will estimate these costs as follows:

1. Maintenance and Repair (M). The "minimum cost of ownership" concept used in maintenance budgeting will be used. The annual cost of maintenance is determined by multiplying the current plant value by a factor which has been developed for each construction project. (See attachment B) to this enclosure). In this case, the "current plant value" used will be the project cost as shown on the DD Form 1391. BUL

2. Utilities (N). Estimate costs based on usage data for similar facilities and the square footage of the proposed facility.

3. Other Engineering Support (P). Estimate based on actual services required for the proposed facility.

NOTE: Only a single figure will be submitted to Congress. For use during hearings, information submitted by activities should provide sufficient detail of calculations and assumptions to permit a well-informed defense of the figure provided.

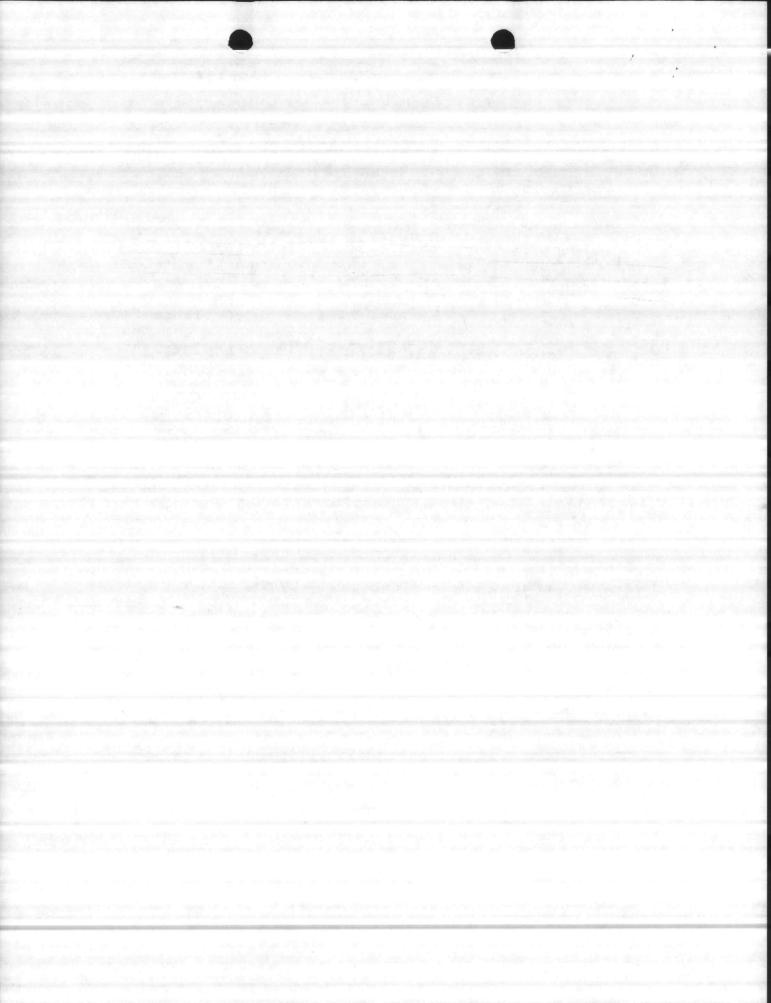
2

in a strain the second of the second states of the second states of the

Source: Activity Commander

1. 1

Enclosure (3)



NUMBER OF ADDITIONAL PERSONNEL NECESSARY TO CARRY Β. OUT THE FUNCTION OF THE PROPOSED FACILITY. Information to be supplied should relate to the question "Can you staff and operate the new facility?" The word "additional" implies an increase in personnel strength figures for the activity as shown on the DD Form 1390. If all necessary personnel will be reassigned from within activity assets to operate the new facility, a "zero" will be shown. Personnel served by a facility are not to be included. (For a new mess hall or BEQ, only the staff to operate the facility is considered, not the number of personnel served meals or provided with berthing. Similarly, in a training facility, instructors and staff are DAIO considered, not students.) All Maintenance and Repair (M), Utilities (N) and Other Engineering Support (P) costs (less materials) related to operating net new facilities shall be converted to personnel. Provide for use during hearings a background explanation of figure submitted.

Source: Activity Commander

ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN C. THE PROPOSED FACILITY. To be computed only in the case of projects for construction of replacement facilities. Costs will be limited to Maintenance and Repair (M), Utilities (N), and Other Engineering Support (P) estimated as described in section A. above, plus the capital cost of future Military Construction investment, if any. This cost is the net present value of a string of annual M, N, and P costs, and occasional Military Construction investment, if any, over the economic. life of the facility, discounted at 10 percent in accordance with MCO 7000.12 (latest addition) and NAVFAC P-442. All costs, regardless of the time of their occurrence are in Fiscal Year 1980 dollars. The discounting technique automatically accounts for normal inflation. Provide explanation of calculation and assumptions, for use during hearings.

Source: Activity Commander

D. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN. THE EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT. To be computed only in the case of projects for construction of replacement facilities. In section C., the estimated lifecycle RPMA and investment costs for the proposed facility were calculated. The intent of this section is to determine for comparison the life-cycle cost of the alternative of continuing the present facility. In order to insure comparability between the costs of the two courses of action, it will be necessary to equalize facility capability and life span between the two alternatives. For example, if the existing facility is too small, it would be necessary to make a Fiscal Year 1980 capital investment by construction

Enclosure (3)



of an addition or by conversion of other space. The existing facility may be in poor condition, or not in accord with current criteria for habitability or safety, in which case significant Fiscal Year 1980 outlay would be necessary in order to extend its useful life to cover the same period of time as the proposed new facility. It is conceivable in some cases that those prudent actions required to extend the life of the existing facility cannot reasonably be expected to provide enough years of service to equal the economic life of a new facility. In this case, the analysis will include the cost of a suitable replacement facility at the end of the extended economic life of the existing facility, so that the total span of time covered will be the same as the economic life of the new construction alternative. The cost figure to be provided for item D. is thus the net present value of investment costs and recurring RPMA costs necessary to make the existing facility minimally capable of performing the same functions as the new facility over the same period of time. The RPMA costs are determined in the same manner as described in section A, using a Fiscal Year 1980 projection for "Current Plant Value" to determine the annual maintenance (M). All investment costs are also estimated in Fiscal Year 1980 dollars. The discount factor of 10 percent used in calculating net present value automatically accounts for normal inflation. Provide explanation of calculations and assumptions, for use during hearings.

Source: Activity Commanders

E. DESIGN STATUS (ESTIMATED)

Source: Headquarters Marine Corps

F. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

Source: Headquarters Marine Corps

ATTACHMENTS

B.

A. Annual Price Escalation Rates

"Minimum Cost of Ownership" Maintenance Cost Factors

t-pt clean un



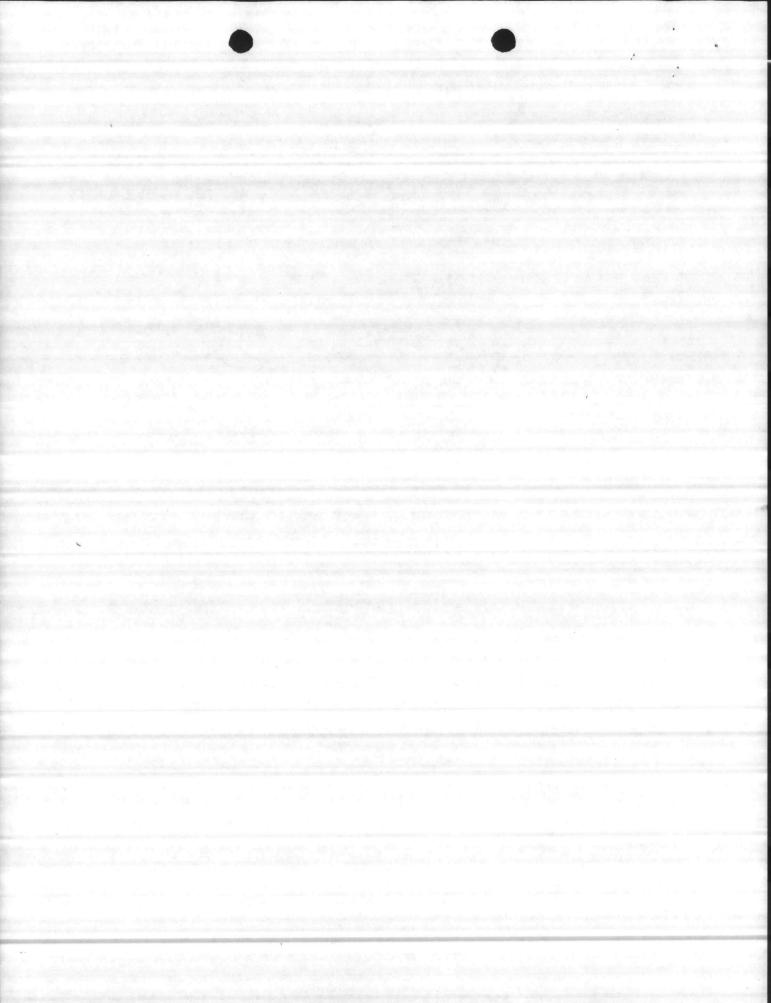
ANNUAL PRICE ESCALATION RATES

FISC	AL YEARS			
FROM	TO	MILCON	O&M, MC	
1978	1979	7.8	6.3	
1979	1980	7.0	6.0	
1979	1981	6.5	6.0	
1980	1982	6.3	5.6	
	1983	6.0	5.6	
	_1984	-6-0	5.6	
1983	to Thomas fter:	6.0	5.6	

Annual Rate Thereafter:

Attachment A to - Enclosure (3)

-11-





MAINTENANCE FACTORS FOR MARINE CORPS FISCAL YEAR 1980 MILITARY CONSTRUCTION PROGRAM

P-NO.	ACTIVITY	MAINTENANCE (M) FACTOR
706 667 610 789 766 761	MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT	.0126 .0218 .0102 .0081 .0031 .0140
132 368 369 349 140 101 196 195 273 216 019 245 182 304	MCAS(H), NEW RIVER MCAS, YUMA MCAS, YUMA MCAS, YUMA MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAF, CAMP PENDLETON MCDEC, QUANTICO	.0126 .0206 .0137 .0115 .0160 .0257 .0198 .0139 .0224 .0219 .0152 .0144 .0103 .0086 .0193
303 106 230 613 996 702 704 872 157 326 117	MCDEC, QUANTICO MCDEC, QUANTICO MCB, CAMP BUTLER MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP PENELETON MCAS (H), SANTA ANA MCAS, EL TORO MCLSBPAC, BARSTOW	.0081 .0098 .0189 .0081 .0140 .0146 .0257 .0257 .0257 .0257 .0199

Attachment B to Enclosure (3)

: ...

L'C.P.

1.

est in

- *

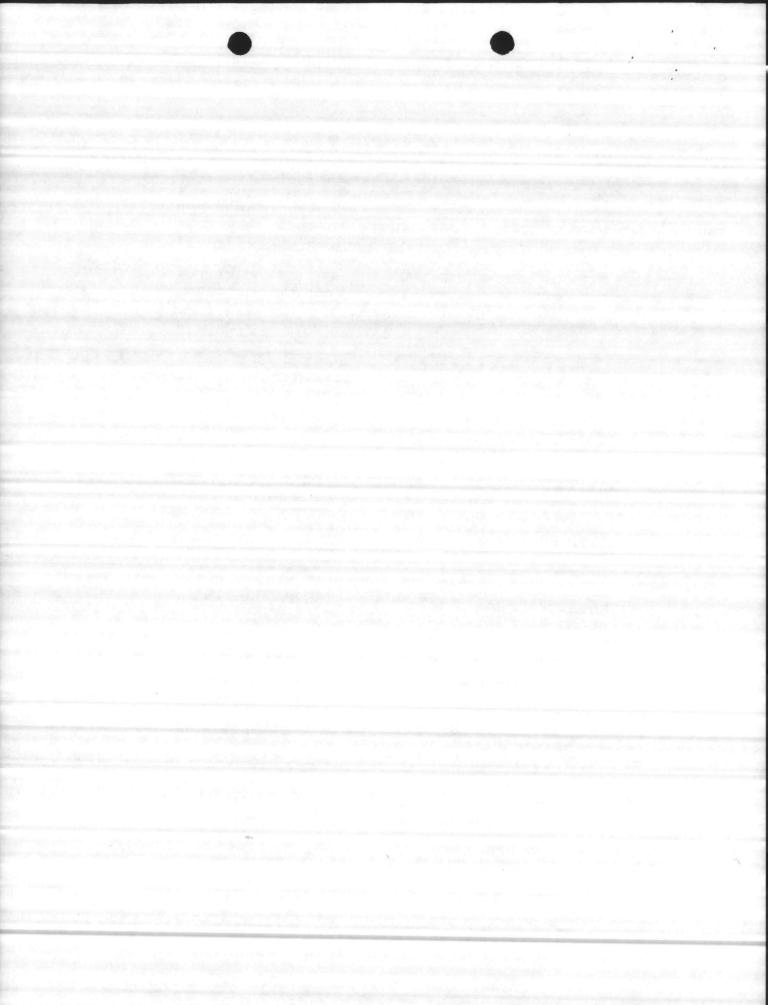


MARINE CORPS MILITARY CONSTRUCTION PROGRAM AS SUBMITTED TO OSD 10/22/73

FY-1980

		PROJECT	OST (\$000)
P-NO.	ACTIVITY		715
706	MCAS, CHERRY POINT	ARMORY H&MS ORD FAC	865
667	MCAS, CHERRY POINT MCAS, CHERRY POINT	ATRCRAFT PARK APRONS	3,000 3,650
610 789	MCAS, CHERRY POINT	INDUSTRIAL WASTE COLLECTION & TREAT-	5,000
105		MENT	200
766	MCAS, CHERRY POINT	BULK LIME STORAGE & HANDLING FACILITY	200
766	an a ball of the second sec	INSULATION AND STORM	150
761	MCAS, CHERRY POINT	WINDOWS	a service and the service of the ser
and the second	MCAS(H), NEW RIVER	ARMORY	490
132	MCAS(H), NEW HIVEH		2,000
368	MCAS, YUMA	ENGINE SHOP AIR-FRAME SHOP	2,000
369	MCAS, YUMA MCAS, YUMA	ORDNANCE HANDLING PAD	5,400
349		FIELD MAINT SHOPS	4,450
140	MCB, 29 PALMS MCB, 29 PALMS	BEO MOD (969/57/0)	7,300 1,800
101 196	MCB, 29 PALMS	STEAM AND CONDENSATE . SYSTEMS	1,000
1.90		HEATING VENTILATION,	100
195	MCB, 29 PALMS	AIR CONDITIONING	
	L THERE DAY	MAINTENANCE FAC	4,650
273	MCAS, KANEOHE BAY MCAS, KANEOHE BAY	ALTER HANGAR 103	510 2,000
216 019	MCAS, KANEOHE BAY	GYMNASIUM	
	MCAF, CAMP PENDLETON	GSE SHOP	.1,000
245		AUTOMATED DATA SYS FAC	5,200
182	MCDEC, QUANTICO	OCS DINING FAC	1,650
304	MCDEC, QUANTICO MCDEC, QUANTICO	OCS BEO MOD (450 RUID)	5,000 1,800
303 106	MCDEC, QUANTICO	WATER DISTRIBUTION	
	MCB, CAMP BUTLER	DINING FAC MOD	3,650
230	and and a stand and a stand of the stand of	BEQ (1014/42/9) -	14,100
613	MCB, CAMP LEJEUNE - MCB, CAMP LEJEUNE	TNDUSTRIAL WASTE	8,700
996	MoD, cmm	COLLECTION & TREAT- MENT	
	MCB, CAMP LEJEUNE	INSULATION & STORM	1,450
702		WINDOWS STEAM AND CONDENSATE	410
704	MCB, CAMP LEJEUNE	SYSTEMS	
have			All data data da

Enclosure (4)

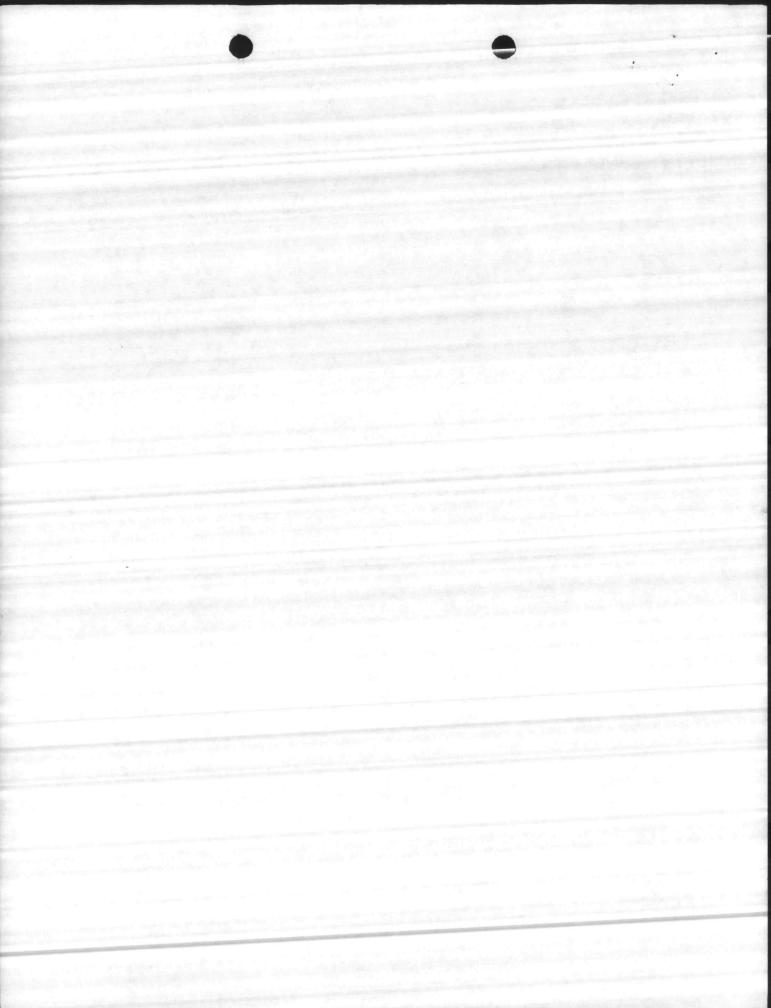


1.	A CONTRACTOR OF A DESCRIPTION OF A DESCR	것 수 사람이 명의 것을 넣는 것 같아. 전통이 가지?	
P-NO.	ACTIVITY	PROJECT	COST (\$000)
872	MCB, CAMP PENDLETON	BEQ (1014/36/28)	13,000
157	MCAS(H), SANTA ANA	BEQ (157/84/15)	. 2,800
326	MCAS, EL TORO	BEQ (117/74/261)	9,700
117	MCLSBPAC, BARSTOW	STEAM DISTRIB SYS	3,800

2

Enclosure (4).

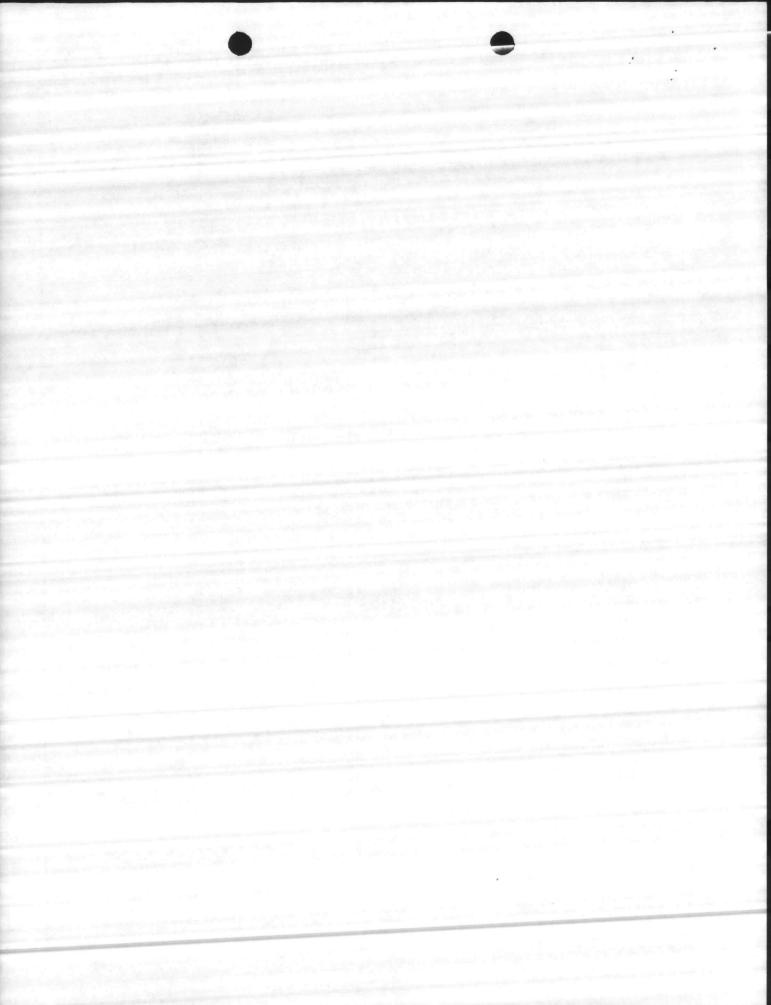
.



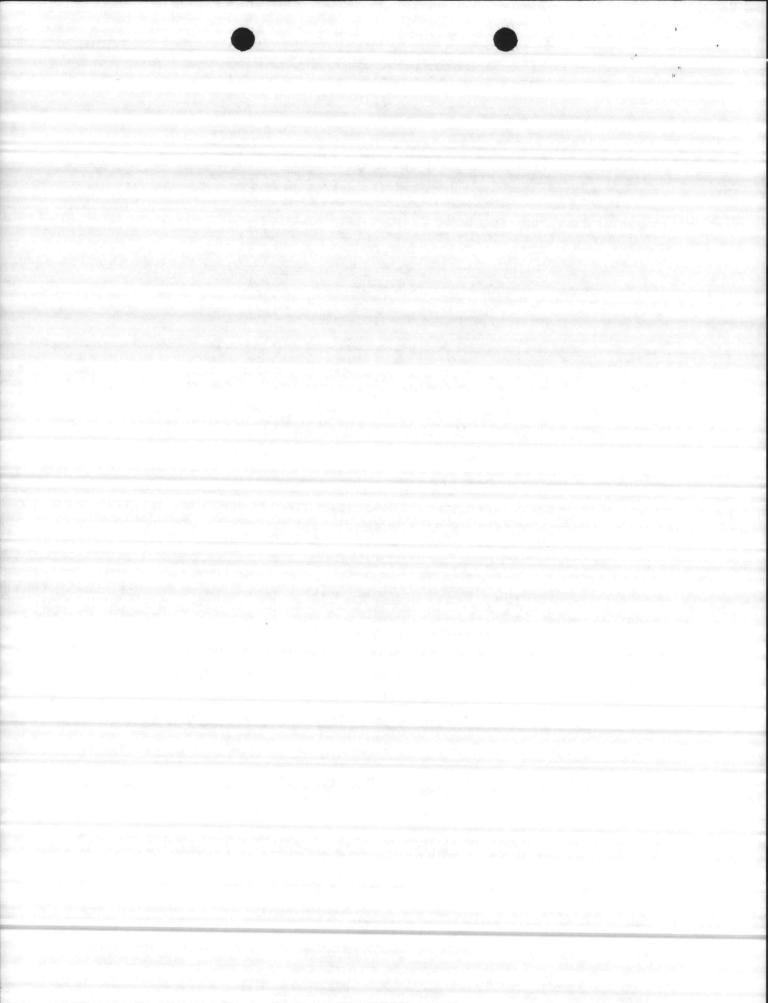
MAR) 4. PROJE	INE CORPS BASE, CAMP I	LEJEUNE, NORTH	CAROLINA 28542	5. PROJECT NUMP
1	EG (1014/42-1	9)		F613
		SUPPLEMENTAL	DATA	n an
C A. E	STIMATED ANNUAL COST	TO OPERATE THE	PROPOSED FACILIT	(\$000)
B. N T	UMBER OF ADDITIONAL E HE FUNCTION OF THE PF	PERSONNEL NECES ROPOSED FACILIT	SARY TO CARRY OUT	(PEOPLE
С с. е Р	STIMATED LIFE-CYCLE C ROPOSED FACILITY	OST TO OPERATE	AND MAINTAIN THE	
D. E	STIMATED LIFE-CYCLE C XISTING FACILITY IF N	OST TO OPERATE EW FACILITY IS	AND MAINTAIN THE A REPLACEMENT	(\$000)
G E. D	ESIGN STATUS (ESTIMAT	ED):		(\$000)
	As of 1 DANUAR As of 1 OCACERE	× 19.2.8		
F. E	QUIPMENT ASSOCIATED W ROVIDED FROM OTHER AP	ITH THIS PROSP PROPRIATIONS:	ECT WHICH WILL BE	
	IPMENT PROCURING CLATURE APPROPRIAT		FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)

S/N 0102-LF-001-3915

*U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1

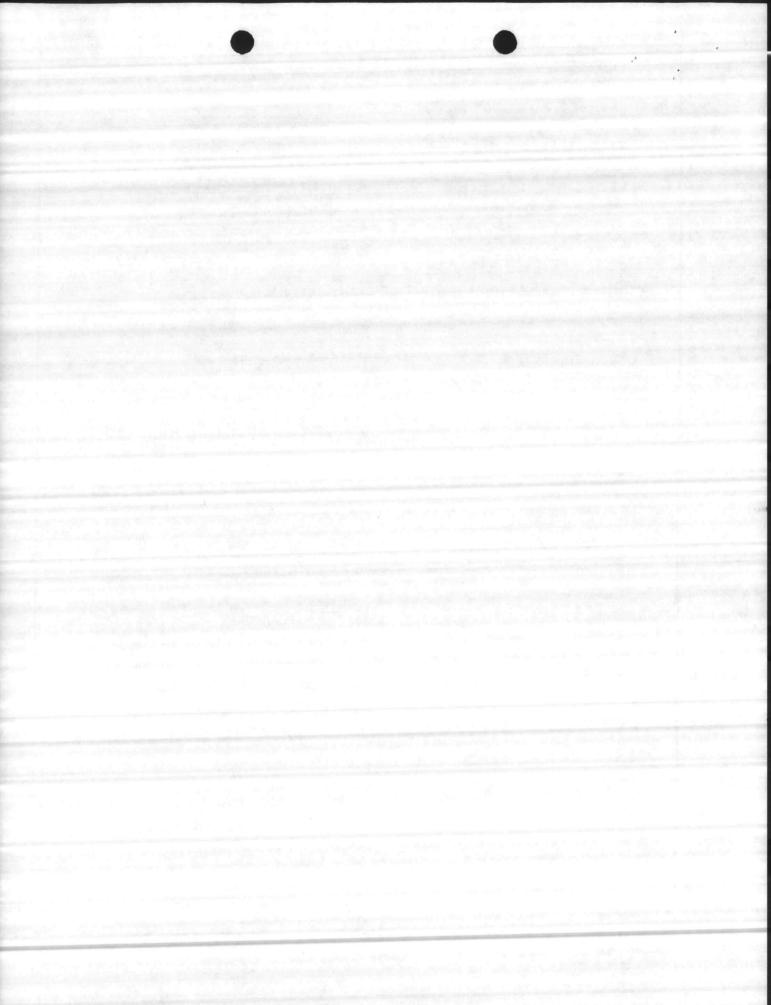


1, 1 di reje di. 10160111110 Maria, 1189 14,100 × .0189 266 Zilimmer (N)



	ND LOCATION S BASE, CAMP LEJEUNE, NO	DRTH CAROLINA 28542	
PROJECT TITLE	WASSE, CHIN LESDONS, IN	5	PROJECT NUMBE
B. NUMBER O THE FUNC	SUPTLEMEN D ANNUAL COST TO OPERATH F ADDITIONAL PERSONNEL N TION OF THE PROPOSED FAC	E THE PROPOSED FACILIT NECESSARY TO CARRY OUT	(\$000) (PEOPLE
	D LIFE-CYCLE COST TO OP: FACILITY		(\$000)
	D LIFE-CYCLE COST TO OP FACILITY IF NEW FACILI		(\$000)
T. 12 0	- John y they	and the second of the second second	
F. EQUIPMEN	f JEANNARY 1978 f / COLLE 1978 T ASSOCIATED WITH THIS FROM OTHER APPROPRIATI PROCURING APPROPRIATION	PROSPECT WHICH WILL BE	COST (\$000)

-



THE FOLLOWING DOCUMENT IMAGE(S) WERE POOR QUALITY IN THE ORIGINAL PAPER FORMAT

Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

Praya and history Cours light marine of the part and the Schutzer, 12. 1. E. N. 18151 = 78 21 Proverse (M) · · ·



	TALLATION AND LOCATION		
	RINE CORPS BASE, CAMP LEJEUNE,	NORTH CAROLINA 28542	PROJECT NUMBER
	TALLATION & STORM WINDOW		F-902
	SUPPLEN	MENTAL DATA	
Α.	ESTIMATED ANNUAL COST TO OPERA	ATE THE PROPOSED FACILITY	(\$000)
в.	NUMBER OF ADDITIONAL PERSONNED THE FUNCTION OF THE PROPOSED D		(PEOPLE)
c.	ESTIMATED LIFE-CYCLE COST TO (PROPOSED FACILITY		(\$000)
D.	ESTIMATED LIFE-CYCLE COST TO (EXISTING FACILITY IF NEW FACI		(\$000)
Ε,	DESIGN STATUS (ESTIMATED):		
	1. As of 15AN 1434 1928 2. As of 1 DCT MAR 1928		
F.	EQUIPMENT ASSOCIATED WITH THI PROVIDED FROM OTHER APPROPRIA	S PROSPECT WHICH WILL BE TIONS:	
	EQUIPMENT PROCURING MENCLATURE APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
			-

s • 14

. . .

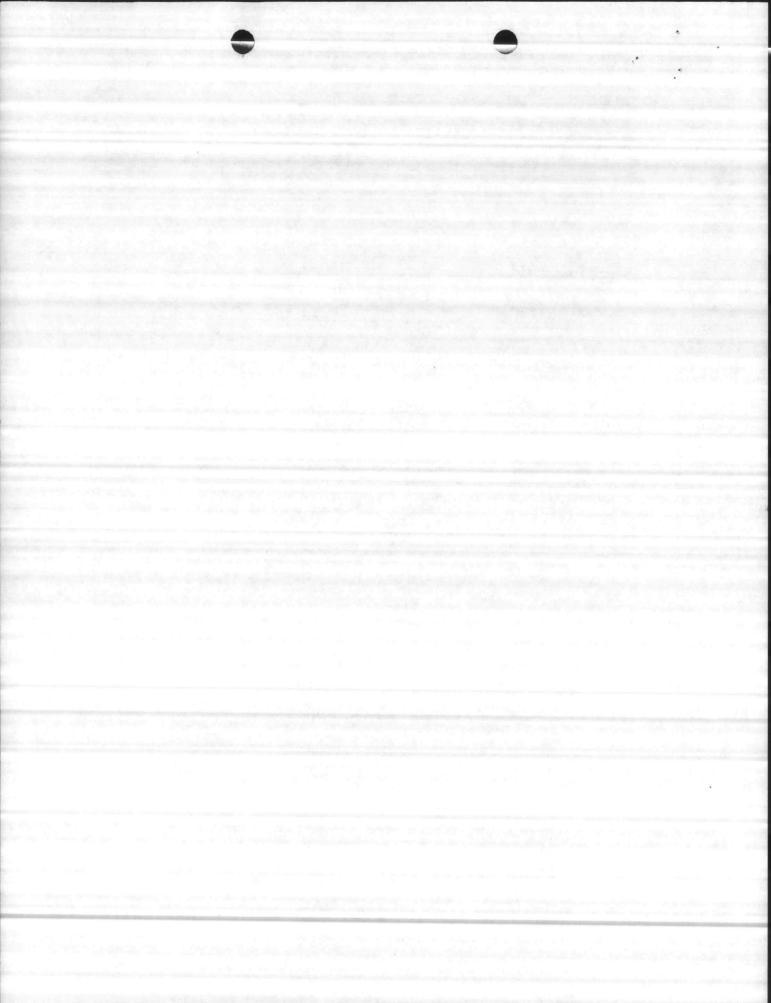
\$/N 0102-LF-001-3915 U.S. GOVERNMENT PRINTING OFFICE: 1978-703-173/34312-1



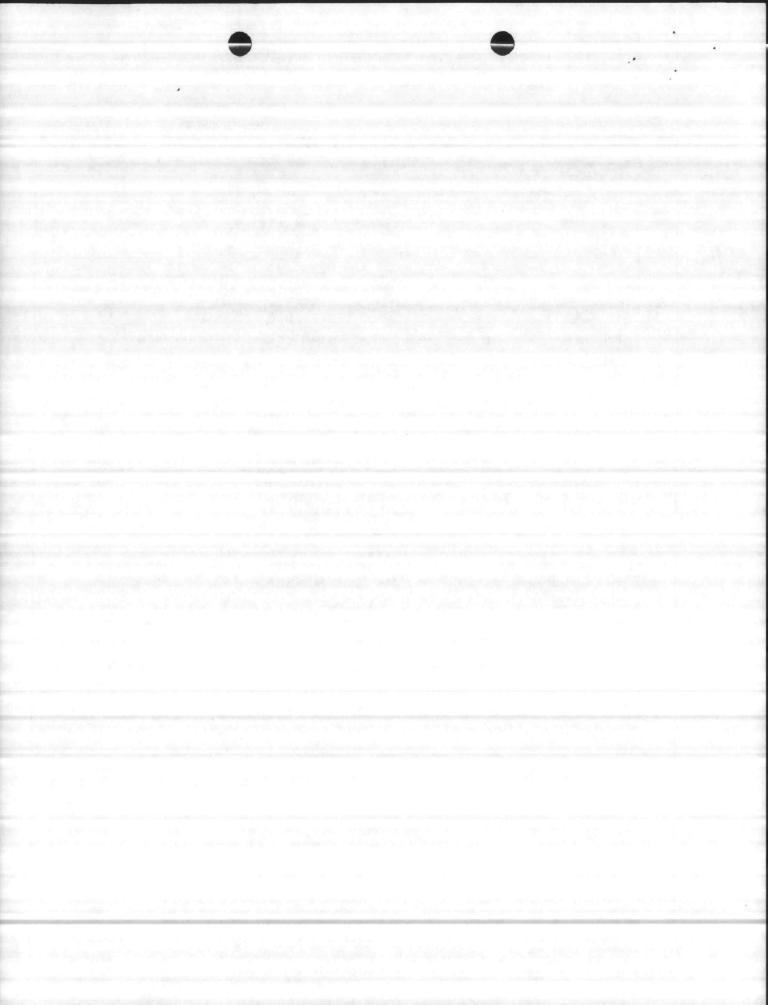
THE FOLLOWING DOCUMENT IMAGE(S) WERE POOR QUALITY IN THE ORIGINAL PAPER FORMAT

Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

1 Jusourne & Stoken Minsters 1. Mentering / Mesere (4) Cust (602); 1,450 Alter Frenz', 0140 1,450 × ,0140 = 20 2. Urnimes (M)



	AVY F	Y 19 MILITARY CONS	STRUCTION PROJECT DATA	
NST	ALLATION AND	LOCATION		
MA	RINE CORPS 1	BASE, CAMP LEJEUNE, NO	RTH CAROLINA 28542	
PRO	JECT TITLE		And a second	OJECT NUMBER
STE	AM AND L	MDENSOTE SUCTEMS		P.704
1-1				
		SUPPLEMEN	TAL DATA	
Α.	FSTTMATED	ANNHAL COST TO OPERATE	THE PROPOSED FACILITY	
	HOTTIMITUD .			(\$000)
в.	NUMBER OF	ADDITIONAL PERSONNEL N	ECESSARY TO CARRY OUT	~
	THE FUNCTI	ON OF THE PROPOSED FAC	ILITY	(PEOPLE)
				(T DOL DD)
c.		LIFE-CYCLE COST TO OPE		-
	PROPOSED F.	ACILITY		(\$000)
D	TOUTNAMOD	LIFE-CYCLE COST TO OPE	PATE AND MAINTAIN TUP	_
D.		ACILITY IF NEW FACILIT		- 1 - S.A.
		e and a start of the second		(\$000)
Ε.	DESIGN STA	TUS (ESTIMATED):		
	1. As of . 2. As of .	150004241958		
F.	EQUIPMENT PROVIDED F	ASSOCIATED WITH THIS P ROM OTHER APPROPRIATIO	PROSPECT WHICH WILL BE	
			FISCAL YEAR	
	QUIPMENT	PROCURING	APPROPRIATED	COST (\$000)
NOM	IENCLATURE	APPROPRIATION	OR REQUESTED	(3000)
		St. A. March St.		
		· · ·		
	serie friender			



THE FOLLOWING DOCUMENT IMAGE(S) WERE POOR QUALITY IN THE ORIGINAL PAPER FORMAT

Confidential Records Management, Inc. New Bern, NC 1-888-622-4425 9/08

14 STERM AND BUDDIS SUSTEME 1. Hallowersence & Lense (1) Crot (11); 410 - Marst Berge; 1194 410 ×.0146 = 10 Z. L'AMATIES (N)







PROJECT P-613 BACHELOR ENLISTED QUARTERS

M. Maintenance and Repair

Annual maintenance = Current plant value X Maintenance factor

= \$1,166,000 X .0189 = \$ 22,037 per facility

FY 79 outlays required to correct existing maintenance discrepancies and meet current cirteria for habitability and safety:

> Building 105 - \$23,185 Building 109 - \$24,905 Building BB-11 - \$34,408 Building BB-12 - \$46,747 Building BB-13 - \$39,098 Building BB-14 - \$47,179

No investment costs for construction, conversion or replacement are provided.

N. Utilities (Ref NAVDOCKS P-75, Vol II)

1. Heating load (steam)

Assume standard structure, no insulation, brick veneer, wall heat transfer coefficient of U = .25

Volume = 26,602 ft² X 10 ft = 266,020

Annual heat load = 1.76 lb of steam/1000 ft³/degree day X 266,020 ft³ X 2347 degree days = 1,098,854 lb of steam

Annual cost = 1099 (1000 lb steam) X \$5.64 per 1000 lb = \$6,198

2. Water heating load

Assume: 20 gallon per man per day 288 men per barracks Temperature differential = 110 degrees - 60 degrees = 50 degrees <u>BTU</u> HW (day) = 288 men X 20 day X (1b)(F degrees) X 50 degrees (dt) X 8.34 lb/gal = 2,401,920 day HW (year) = 365 X 2,401,920 day



- = 876,700,800 BTU/yr
- = 876,700,800 BTU/yr 1100 BTU/1b steam
- = 797,000 lb steam
- = 797 (1000 lb steam)

Annual cost = 5.64 per 1000 lb X 797 (1000 lb)

= \$4,495

- 3. Electrical load
 - a. Lighting and small loads

Assume: 1.5 w/ft^2 and 2300 hr. of operation per year ^LKWH = $1.5 \text{ w/ft}^2 \text{ X} 26,602 \text{ ft}^2 \text{ X} 2300 \text{ hr/yr X} \frac{1}{1000} \frac{\text{KWH}}{\text{WH}}$ = 91,777 KWH

b. Cooling load

Assume: 50 tons of A/C and 2750 hr. of operation per year C KWH = 50 tons X 1.4 KW/ton X 2750 hr = 192,500 KWH Total electrical = 97,777 KWH + 192,500 KWH = 290,277 KWH Total annual cost = 290,277 KWH X 3.54/KWH = \$10,160

4. Water and sewage cost

Assume: 50 gallons per man per day;

- a. Annual water cost = 288 men X 50 gal/day X \$.61/1000 gal X 365 day = \$3,206
- b. Annual sewage cost = 288 men X 50 gal/day X \$.47/1000 gal X 365 days = \$2,470

Total \$5,676.

Total Utility Cost (Annual)

Heating	\$ 6,198
Water Heating	\$ 4,495
Electrical Load	\$10,160
Water and Sewage	\$ 5,676
Total	\$26,529 per facility



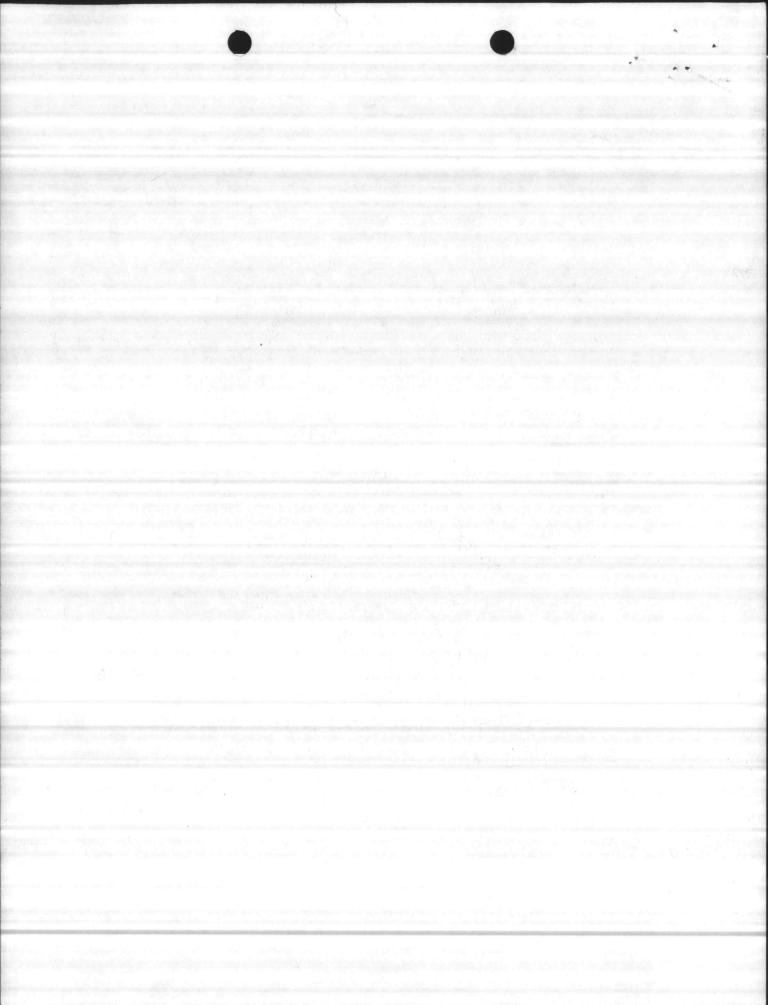




P. Other Engineering Support

۰.

Trash disposal \$ 871. Pest Control \$ 566. Miscellaneous Service \$ 880. \$2317 per facility



BASE MAINTENANCE DEPARTMENT Marine Corps Base Camp Lejeune, North Carolina 28542

MAIN/FEC/clm 11000 8 November 1978

Pruse

From: Base Maintenance Officer

- To: Commanding Officer, Marine Corps Air Station (Helicopter), New River
- Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program
- Ref: (a) CO, MCAS(H) 1tr 204: BJB: cbm 11000 of 19 Oct 1978
- Encl: (1) Estimated Life-Cycle Cost to Operate and Maintain the Proposed Facility
 - (2) Estimated Life-Cycle Cost to Operate and Maintain the Existing Facility

1. As requested in reference (a), enclosures (1) and (2) are provided.

J. KOVACH

Report Tadin Long Child. Line Sol Providential A Legendo for the company i

Suppremental Information Required, million reaction Piccal au

· 如何和意思了一个。例如

existing ded the second of the

- C. Estimated life-cycle cost to operate and maintain proposed facility
 - 1. M Maintenance and Repair

\$490,000 (78 cost) escalated to \$565,195 (80 cost)

\$565,195 X .0126 = \$7,121

M - Total = \$7,121

2. N - Utility Costs

Electricity - 37,620 KWH/Yr X \$.035/KWH = \$1,317 Steam - 363,148 Lbs/Yr X \$5.64 per 1000 lbs = \$2,048 Water and sewage - 10 men X 20 Gal/Day X 365 days X \$1.08/1000 gal = \$79

N - Total = \$3,444

3. P - Other Engineering Support

	Trash disposal	\$193
No.	Pest control	126
	Miscellaneous maintenance service	125
	P - Total	\$514
	M - Maintenance and Repair	\$\$7,121
164	N - Utilities	3,444
	P - Other Engineering Support	514
		\$11,109



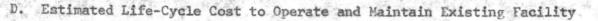
former of the lot of total and the prolonger of A Street State When which we wanted to be used as a

電話の調 Marine area attained a white and new re - 10 man x 20 Gal/Div & 305 2000 X 3 .000

derege sun press de vedere a Pout Posturely Minos II and Minos I Minos II and Minos I ·信任教 1.1944

apivitanessiat at lest one trailiser if Salter By at 13619 3 1. 十6% 4. 开始能力。 St. 10 - Laisterance this constants - ----a condition and the source of

that eprotors



1. M - Maintenance and Repair

Bldg. No.	1978 Current Plant Value	1978 <u>C.P.V</u> .	<u>N.F.</u>	Annual Maintenance Cost
AS-130	\$ 419,000	472,120	.0126	5,949
AS-518	\$2,955,000	3,329,634	.0126	41,953
AS-4010	\$3,644,000	4,105,986	.0126	51,735
AS-4120	\$ 644,000	725,646	.0126	9,143
	San Barriel	(and the	Total	\$108,780

Bldg. No.	Armory SF	Total Bldg SF x	Total Annual Maint Cost	Maint. Cost
AS-130	340	20,000	5,949	\$101
AS-518	1370	80,514	41,953	\$714
AS-4010	66	79,358	51,735	\$ 43
AS-4120	1122	14,882	9,143	\$689

Total \$1547

2. N - Utility Costs

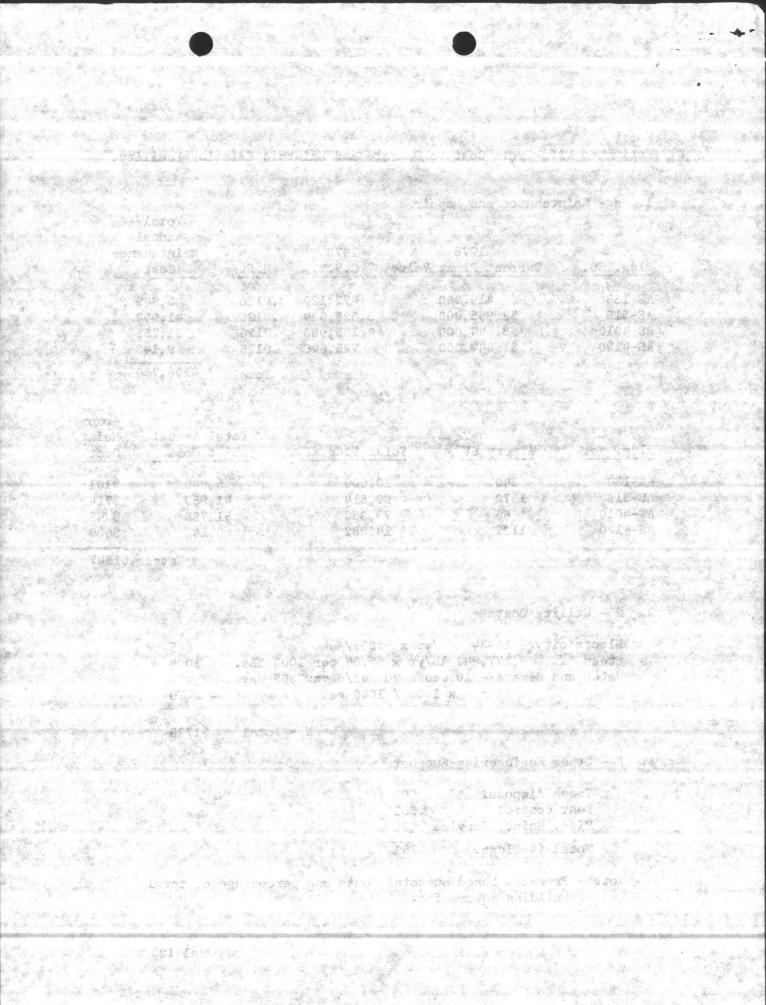
Electricity - 18434 Kwh/yr x \$.035/Kwh = 645 Steam - 177,942 lb/yr x \$5.64 per 1000 bbs. = 1004 Water and Sewage - 10 men x 20 gal/day x 365 days x 1.08 / 1000 gal = 79

N - Total \$1728

3. P - Other Engineering Support

Trash disposal	\$94
Pest control	\$62
Misc. Maint. Service	\$95
Total (4 Bldgs.)	\$251

Note - Prorated based on total costs and percentage of total building square feet



M - Maintenance and Repair \$1547 N - Utilities 1728 P - Other Engineering Support 251 Total \$3526

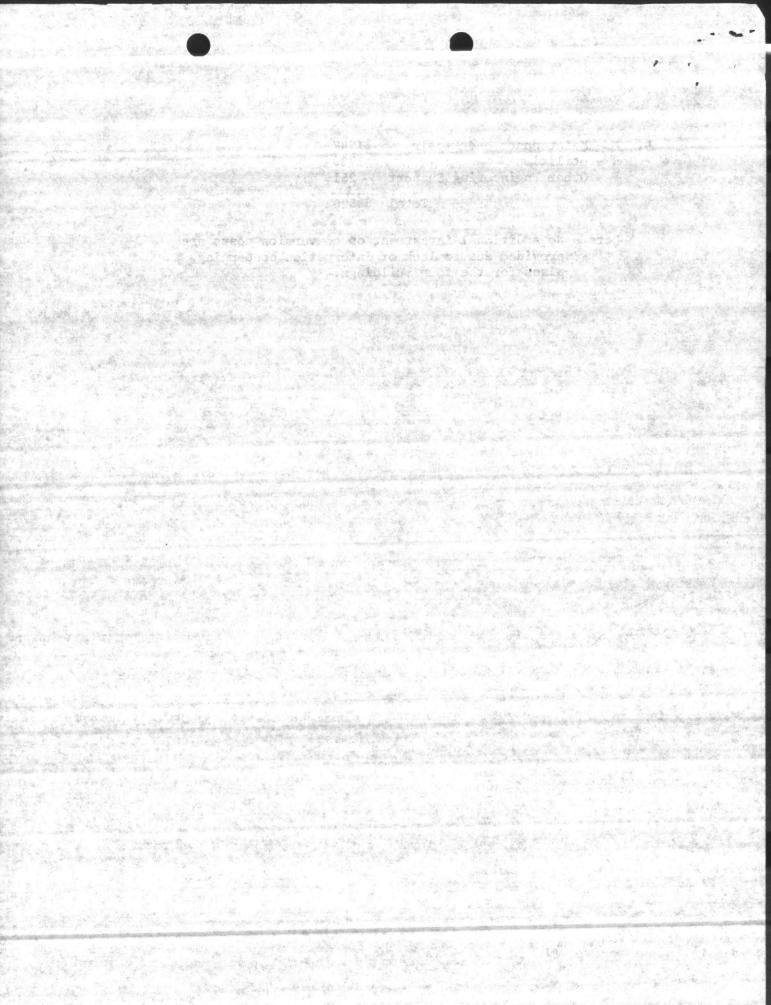
4.

Sto Month

State Street Street

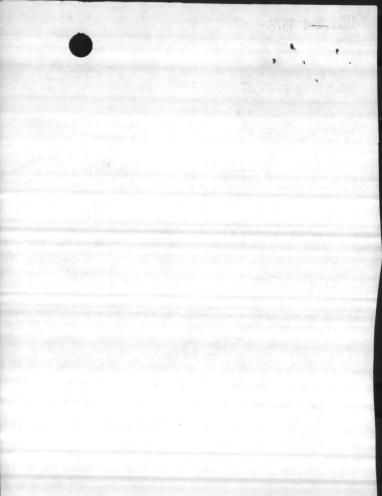
Note - No additional investment or conversion costs are provided due to lack of information concerning plans for the four buildings.

副語言ではない



OCT 2-4 1978	ACTION	INFO	INITIAL
BMO			
ABMO		V	BUE
MAINT NCO			
SAFETY CHMN			
PROP	and the second	100 - 100	
M&R	and a second		
OPNS		1	Pus
ADMIN			
TELE			
UTIL		A 44	
ENVIRON AFF	A Station and		and developments
SECRETARY			and the second second
F&A BRANCH			
UMACS			
MME			

Duc: By 8000.





UNITED STATES MARINE CORPS MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER, JACKSONVILLE NORTH CAROLINA 28545

204:BJB:cbm 11000 19 Oct 1978

From: Commanding Officer

- To: Commanding General, Marine Corps Base, Camp Lejeune, N. C. 28542 (Base Maintenance Officer)
- Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program
- Ref: (a) FONECON btwn Mr. D. DILLON (Maint Ops, MCB, CLNC) and Mrs. Betty J. BLAKE (Fac, MCAS(H), NR) of 18 Oct 1978
- Encl: (1) CMC ltr LFF-1-LAW:bab of 12 Oct 1978
 (2) Planning Documents for FY 80 MCON Project P-132, Armory, MCAS(H), New River

1. Subject information is requested by enclosure (1) to reach Headquarters Marine Corps (LFF) not later than 15 November 1978.

2. This activity has one project, P-132, Armory, for the Fiscal Year 1980 Military Construction Program. Enclosure (2) is attached for your information.

3. It is requested that assistance be furnished this activity on the following information required by enclosure (1) as discussed in reference (a).

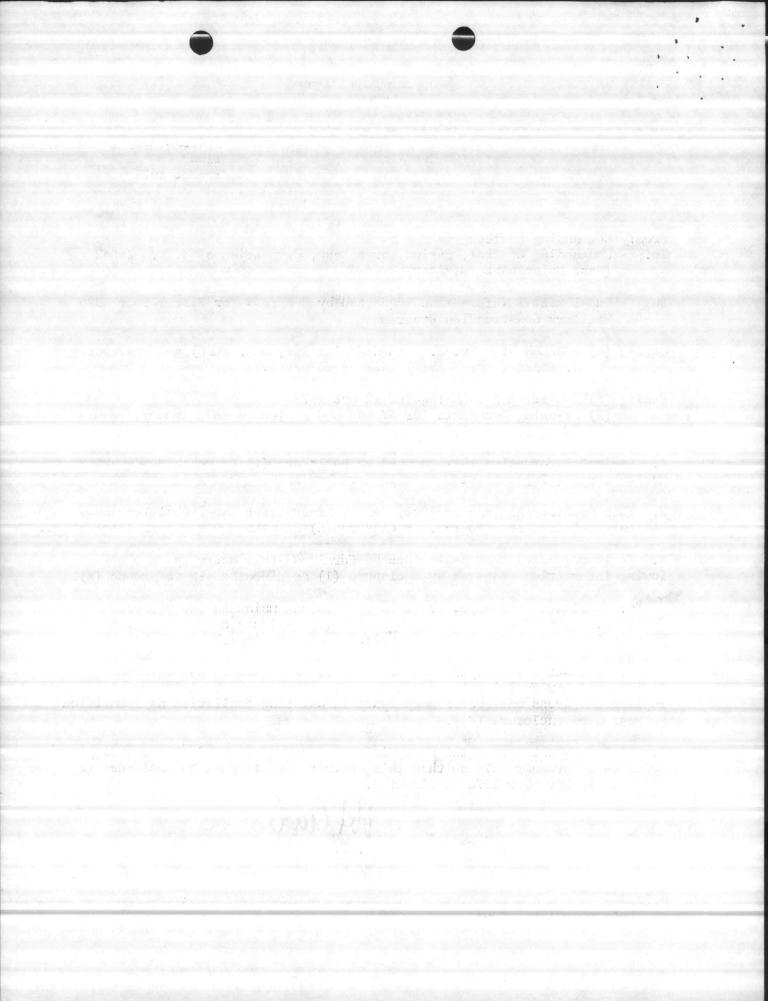
a. Estimated life-cycle cost to operate and maintain the proposed facility. (Item 8 on page 4 of enclosure (2) reflects a cost of \$2,013 per year in O&M,N funds for utility services and operations.)

b. Estimated life-cycle cost to operate and maintain the existing facility if new facility is a replacement. (The new central Armory will replace the areas used for armory space in existing facilities as identified on page 5 of enclosure (2)).

4. It is requested that the above information be furnished this activity prior to 8 November 1978 so that this activity can respond to enclosure (1) prior to 15 November 1978 as directed.

P. F. ANGLE By direction

Copy to: CG, MCB, CLNC (AC/S FAC)





DEPARTMENT OF THE NAVY HEADQUARTERS UNITED STATES MARINE CORPS WASHINGTON, D.C. 20380

IN REPLY REFER TO LFF-1-LAW: bab

44

1 2 OCT 1978

From: Commandant of the Marine Corps To: Distribution List

Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program

Encl:

(1) Extract of House Appropriations Committee Report for Fiscal Year 1979 Military Construction, HR 95-1246

- (2) Sample of DD Form 1390 and Instructions for Supplemental Information
- (3) Sample of DD Form 1391 and Instructions for Supplemental Information
- (4) Fiscal Year 1980 Marine Corps Military Construction Program

1. The House Appropriations Committee has established significant new requirements for information in support of military construction projects, as shown in enclosure (1). The Office of the Secretary of Defense has decided to provide the requested information to the House Appropriations Committee and any of the other three committees that wish to receive it. In view of the extent of the data gathering and analysis involved, it is considered essential that this effort commence immediately in preparation for the Fiscal Year 1980 Congressional budget submission in January 1979.

2. Activity commanders are therefore requested to develop the following information:

DD FORM 1390 SUPPLEMENTAL INFORMATION

A. Estimated Cost of Backlog of Real Property Maintenance (see notes).

B. Similar unused space.

C. Outstanding pollution and safety (OSHA) violations.

NOTES: Detailed instructions are contained in enclosure (2). Information must be developed for each activity listed in enclosure (4), which reflects the Fiscal Year 1980 Marine



LFF-1-LAW: bab

Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program

Corps Military Construction Program as submitted to OSD on 22 September 1978. Item A, Estimated Cost of Backlog of Real Property Maintenance, will be developed by Headquarters Marine Corps.

DD FORM 1391 SUPPLEMENTAL INFORMATION

A. Estimated Annual Cost to Operate the Proposed Facility.

B. Number of Additional Personnel Necessary to Carry Out the Function of the Proposed Facility.

C. Estimated Life-Cycle Cost to Operate and Maintain the Proposed Facility.

D. Estimated Life-Cycle Cost to Operate and Maintain the Existing Facility, if New Facility is a Replacement.

E. Design Status.

F. Equipment Associated with this Project which will be provided from Other Appropriations.

NOTES: Detailed instructions are contained in enclosure (3). Items A. and B. will be required for each project listed in enclosure (4). Items C. and D. will be required only for those projects listed in enclosure (4) which will replace existing facilities. It should be noted that for item D., the cost of any actions necessary to equalize the capability and life span of the existing facility with those of the proposed new construction must be included to insure true comparability. Item E., Design Status, and item F., Equipment Associated with this Project which will be provided from Other Appropriations, will be developed by this Headquarters.



LFF-1-LAW:bab

Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program

3. The foregoing information is to be submitted to reach Headquarters Marine Corps (LFF) not later than 15 November 1978.

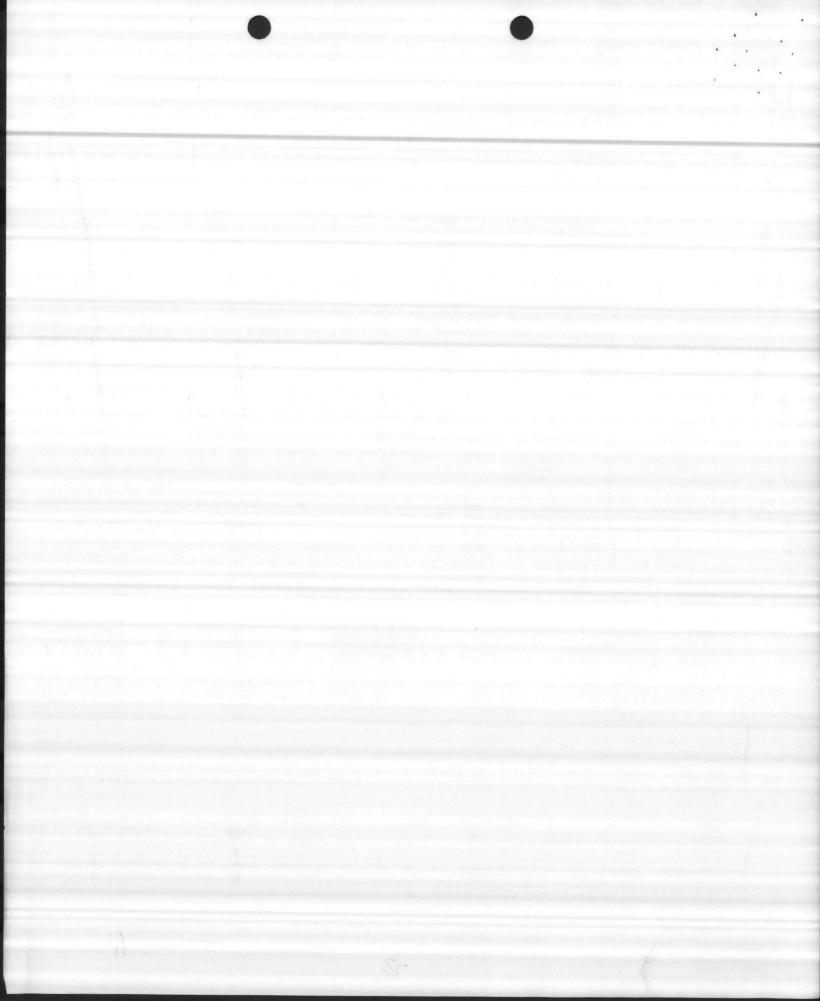
3

3

A. E. SCRIBNER

By Direction

Distribution: COMCABWEST CG MCAS El Toro CG MCDEC Quantico CG MCB Camp Pendleton CG MCLSBPAC Barstow COMCABEAST CG MCAS Cherry Point CG MCB Camp Lejeune CG MCB 29 Palms CG MCB Camp Butler COMMARCORBASESPAC CO MCAS(H) New River CO MCAS Yuma CO MCAS Kaneohe Bay CO MCAS(H) Santa Ana CO MCAF Camp Pendleton



REPORT No. 95-1246

14

MILITARY CONSTRUCTION APPROPRIATION BILL, 1979

JUNE 1, 1978.—Committed to the Committee of the Whole House on the state of the Union and order to be printed

Mr. McKAY, from the Committee on Appropriations, submitted the following

REPORT

(To accompany H.R. 12927)

The Committee on Appropriations submits the following report in explanation of the accompanying bill making appropriations for military construction and family housing for the Department of Defense for the fiscal year ending September 30, 1979.

PAGE 4

Additional information is to be included in the justification forms, as follows:

Form 1390 additions: The 1390 form (base information) should include data on the backlog of real property maintenance for each installation, an inventory of the number of square feet of unused space on the installation, and all outstanding pollution and safety violations.

Form 1391 addition: The 1391 form (project information) should include the annual costs to operate the proposed facility, the number of additional people associated with or required by the facility, the estimated life-cycle cost to operate and maintain the facility, a comparison with the annual cost to operate and maintain the existing facility if this is a replacement facility, the design status as of January 1 of each project and estimated design status on October 1, and the procurement list of all equipment associated with the project. The cumulative, comparative annual costs to operate and maintain the proposed new facilities against existing facilities shall be included separately.



(SAMPLE)

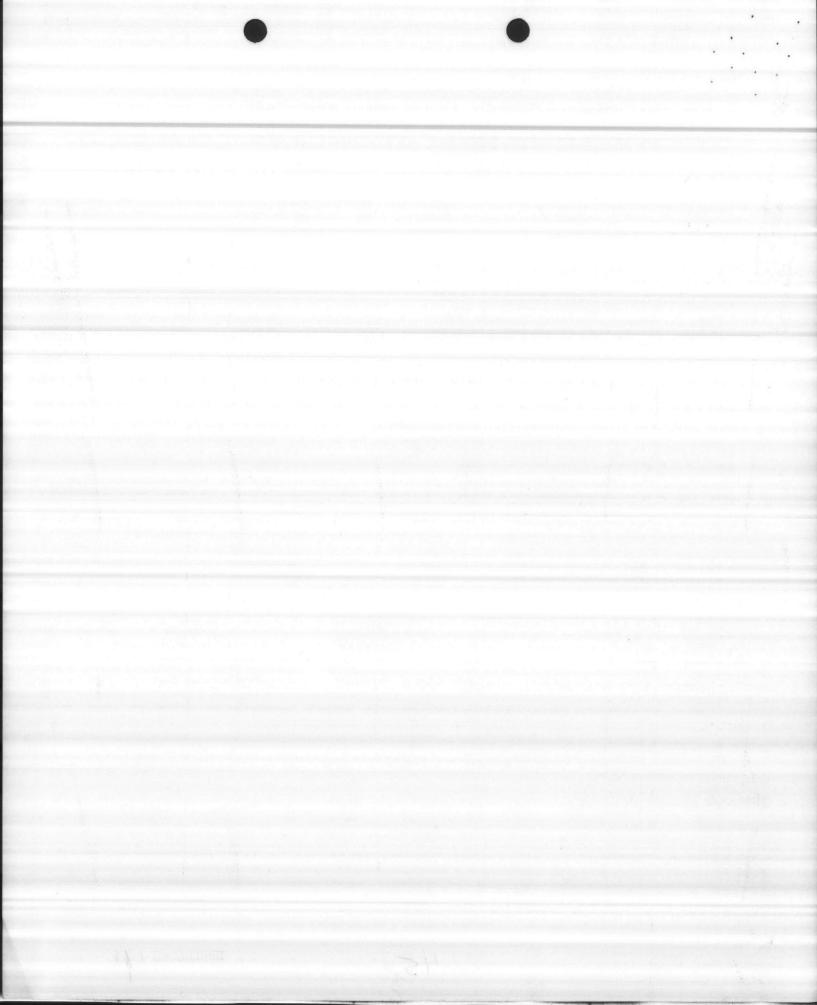
DD FORM 1390 SUPPLEMENTAL DATA FY 1979 MILITARY CONSTRUCTION PROGRAM

	avy PONENT	MCAS Cherry Point NC INSTALLATION/LOCATION	Marine_Corps COMMAND
			(\$000)
Α.		OST OF BACKLOG OF REAL INTENANCE (BMAR):	3,186
		Permanent Facilities Temporary Facilities	
Β.	SIMILAR UNU	SED SPACE:	Quantity/Unit
	Real Proper	ty Categories	of Measure
	171-XX T	raining Buildings	ò
	211-XX M	aintenance - Aircraft	5,614 SF
	214-XX M	aintenance - Automotive	8,893 SF
	800-XX E	nergy Conservation	N/A
С.	OUTSTANDING	POLLUTION AND SAFETY (OSH.	A) VIOLATIONS:
	l. Air Pol	lution	0 (\$000)
	2. Water F	ollution	0 (\$000) -
	3. Safety	& Occupational Health	<u> </u>

(SAMPLE)

5

Enclosure (2)



INSTRUCTIONS FOR PREPARATION OF DD FORM 1390 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

A. ESTIMATED COST OF BACKLOG OF REAL PROPERTY MAINTENANCE (BMAR)

Source: Headquarters Marine Corps

B. SIMILAR UNUSED SPACE. Indicate the total area in square feet of unused space in facilities at the installation having three-digit category codes which correspond to those of the projects included in the budget request. For use by Marine Corps witnesses during hearings, provide brief explanation why the vacant space in each three-digit category code cannot be used to satisfy or reduce the requirement to be met by the projects requested in the same category code. If vacant space is to be used for any purpose in the future, or is to be demolished, explain.

Source: Activity Commander

C. OUTSTANDING POLLUTION AND SAFETY (OSHA) VIOLATIONS

(1) Air Pollution

Source: Headquarters Marine Corps

(2) Water Pollution

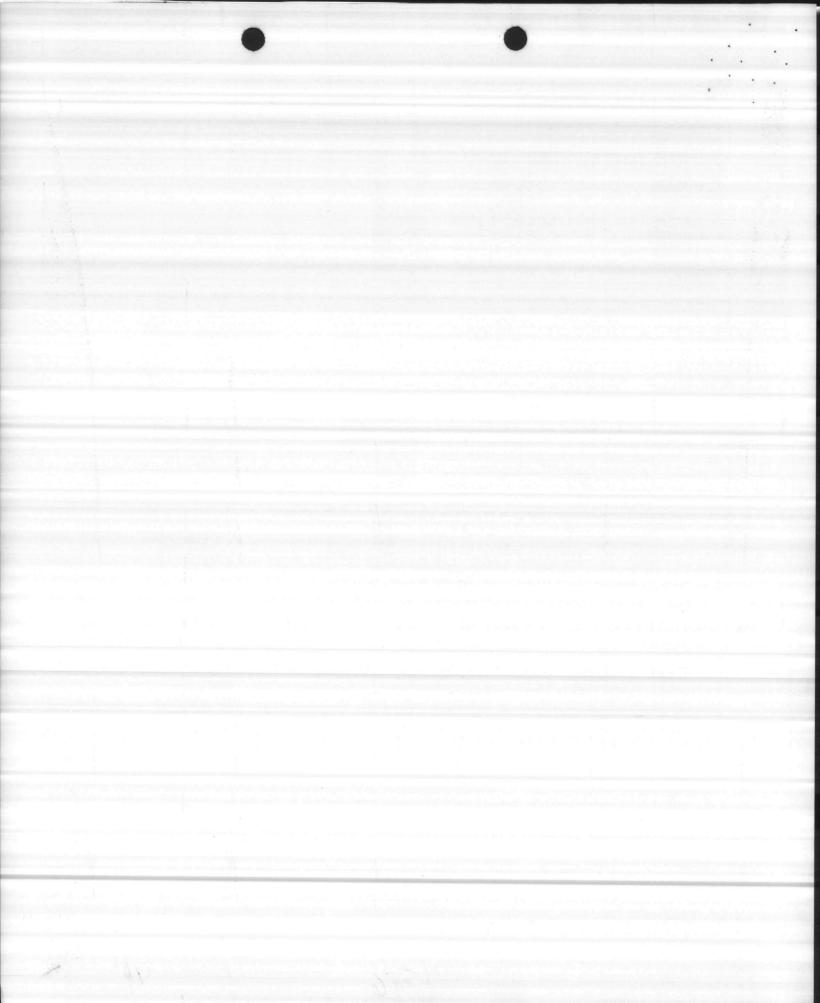
Source: Headquarters Marine Corps

(3) Safety and Occupational Health Hazards. Enter cost of projects in all funding categories (e.g., Military construction, operations and maintenance, industrial fund, etc.) required to correct serious occupational safety and health hazards in accordance with procedures authorized in CMC speed letter MPN-70-mdm of 9 Feb 1977. In this application, include those hazards assigned Hazard Codes I and II in the cited instruction.

Source: Activity Commander

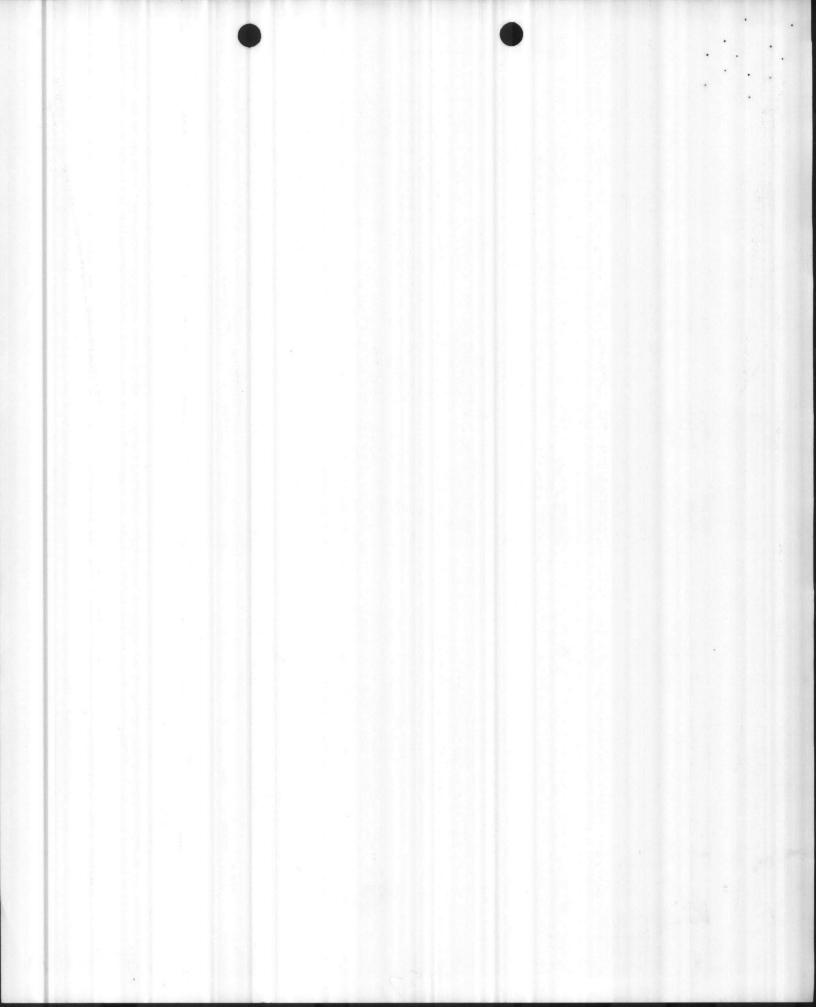
Enclosure (2)

ENCLOSURE (/)



1	Javy	ICI I	(HAR	RY CON	SIRU	CHOP	N PROJ	ECO)	AIA	SAMP	T.E.
3. IN	STALLATION											
	MARINE C CAMP PEN			TTOOT	ATTA		•	.e.				
	ROJECT TITLE		IN, CA	LLT OF	NIA.			-	15 6	BOIE	: T NUMBE	0
ļ	UTOMOTI	VE MA	INTEN	ANCE	FACTL	ттү			5. 1	NOJEC	I NOMBE	:n
								1000	·	P-00	1	
			<u>S</u>	UPPLE	EMENTA	L DAT	<u>A</u>					
Α.	ESTIMA FACILI			CÓSI		PERAJ		IE PRO	POSED		\$000)	10
Β.	NUMBER CARRY FACILI	r TUC	HE FU						то	. (PEOPL	0 E)
С.	ESTIMA MAINTA	FED L IN TH	IFE-C E PRO	YCLE POSEI	COST FACI	TO OF LITY	PERAJ	E AND	•	. 7	\$000)	<u>96</u>
D.	ESTIMA MAINTA FACILI	IN TH	E EXI	STING	FACI	TO OF LITY •••	PERAI IF N	'E AND IEW '	• •	. (1 \$000)	<u>11</u>
Ε.	DESIGN	STAT	US (E	STIMA	TED):					·		%
	l. As 2. As	of J of O	anuar; ctobe;	y 1, r 1,	1978 1978		••••	•••	• • •	•	: • 10	
F.	EQUIPM PROVID	ENT A ED FR	SSOCI OM OTI	ATED HER A	WITH ' PPROPI	THIS RIATI	PROJ ONS:	ECT W	HICH V	VILL	BE	
EQU 10M	IPMENT ENCLATUF	<u>}E</u>	PROCI APPRO	URING OPRIA	TION		•	APPRO	L YEAF PRIATE QUESTE	ED	CO2 (\$0	ST 200)
				-	NONE	•						
									-			
	and the second second			•			•		-			•
				٤								
		•										
					z							
					•							
			•				•					

Enclosure (3)



INSTRUCTIONS FOR PREPARATION OF DD FORM 1391 SUPPLEMENTAL JUSTIFICATION DATA IN SUPPORT OF ANNUAL MILITARY CONSTRUCTION PROGRAMS

The following data shall be provided for each facility in the program using the standard DD Form 1391c and the format shown in the preceding sample. All costs, regardless of their time of occurrence, are in budget year dollars (i.e., Fiscal Year 1980 dollars for Fiscal Year 1980 Supplemental Data). See attachment A to this enclosure for annual escalation rates to be used in adjusting Military Construction and O&M,MC costs from year of occurrence to Fiscal Year 1980 costs.

NOTE: Sections A, B, and E are to be completed for all project proposals. Sections C and D are to be completed only for project proposals which represent replacement facilities.

A. ESTIMATED ANNUAL COST TO OPERATE THE PROPOSED FACILITY. Costs will be limited to Maintenance and Repair (M), Utilities (N), and other Engineering Support (P). Does NOT include costs, other than M, N, and P, of the operation to be <u>housed</u> in the facility. (Wages and salaries of personnel who will work in the proposed facility, for example, are not to be included.) Activities will estimate these costs as follows:

1. Maintenance and Repair (M). The "minimum cost of ownership" concept used in maintenance budgeting will be used. The annual cost of maintenance is determined by multiplying the current plant value by a factor which has been developed for each construction project. (See attachment B to this enclosure). In this case, the "current plant value" used will be the project cost as shown on the DD Form 1391.

2. Utilities (N). Estimate costs based on usage data for similar facilities and the square footage of the proposed facility.

3. Other Engineering Support (P). Estimate based on actual services required for the proposed facility.

Trash control Pest Control

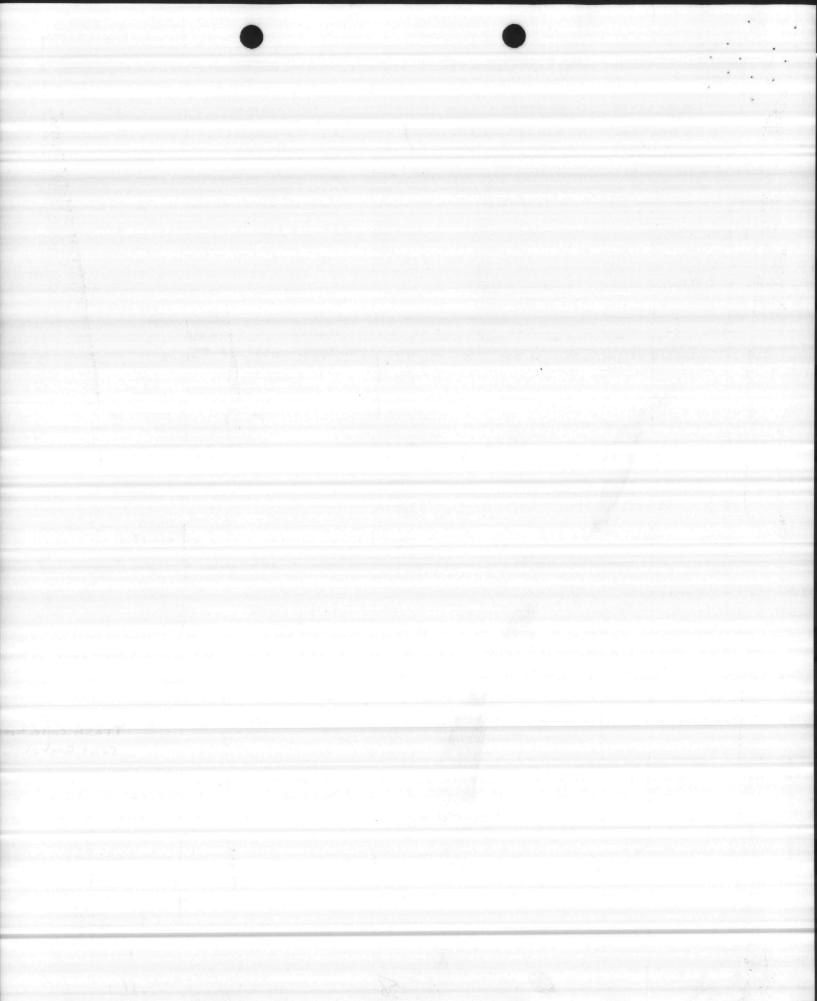
1.4

NOTE: Only a single figure will be submitted to Congress. For use during hearings, information submitted by activities should provide sufficient detail of calculations and assumptions to permit a well-informed defense of the figure provided.

Source: Activity Commander

Enclosure (3)

ENCLOSURE (/)



B. NUMBER OF ADDITIONAL PERSONNEL NECESSARY TO CARRY OUT THE FUNCTION OF THE PROPOSED FACILITY. Information to be supplied should relate to the question "Can you staff and operate the new facility?" The word "additional" implies an increase in personnel strength figures for the activity as shown on the DD Form 1390. If all necessary personnel will be reassigned from within activity assets to operate the new facility, a "zero" will be shown. Personnel served by a facility are not to be included. (For a new mess hall or BEQ, only the staff to operate the facility is considered, not the number of personnel served meals or provided with berthing. Similarly, in a training facility, instructors and staff are considered, not students.) All Maintenance and Repair (M), Utilities (N) and Other Engineering Support (P) costs (less materials) related to operating net new facilities shall be converted to personnel. Provide for use during hearings a background explanation of figure submitted.

Source: Activity Commander

C. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE PROPOSED FACILITY. To be computed only in the case of projects for construction of replacement facilities. Costs will be limited to Maintenance and Repair (M), Utilities (N), and Other Engineering Support (P) estimated as described in section A. above, plus the capital cost of future Military Construction investment, if any. This cost is the <u>net present</u> value of a string of annual M, N, and P costs, and occasional Military Construction investment, if any, over the economic life of the facility, discounted at 10 percent in accordance with MCO 7000.12 (latest addition) and NAVFAC P-442. <u>All</u> <u>costs</u>, regardless of the time of their occurrence are in <u>Fiscal Year 1980</u> dollars. The discounting technique automatically accounts for normal inflation. Provide explanation of calculation and assumptions, for use during hearings.

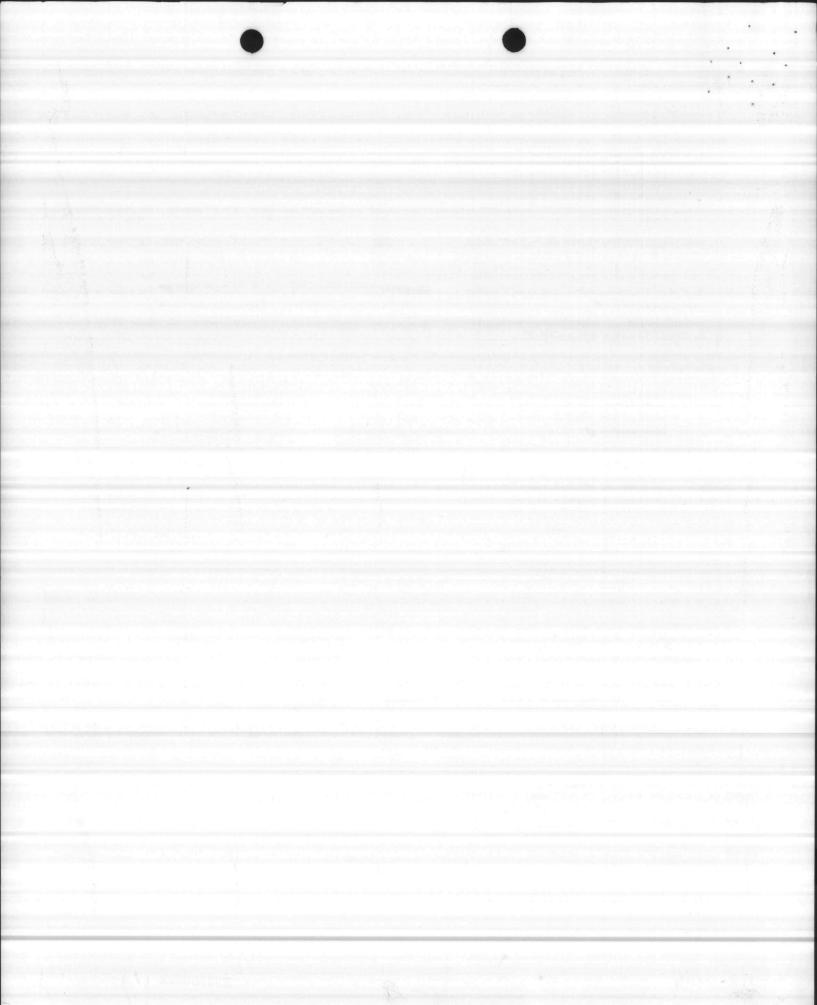
Source: Activity Commander

D. ESTIMATED LIFE-CYCLE COST TO OPERATE AND MAINTAIN THE EXISTING FACILITY IF NEW FACILITY IS A REPLACEMENT. To be computed only in the case of projects for construction of replacement facilities. In section C., the estimated lifecycle RPMA and investment costs for the proposed facility were calculated. The intent of this section is to determine for comparison the life-cycle cost of the alternative of continuing the present facility. In order to insure comparability between the costs of the two courses of action, it will be necessary to equalize facility capability and life span between the two alternatives. For example, if the existing facility is too small, it would be necessary to make a Fiscal Year 1980 capital investment by construction

> Enclosure (3) ENCLOSURE (1)

44

5



of an addition or by conversion of other space. The existing facility may be in poor condition, or not in accord with current criteria for habitability or safety, in which case significant Fiscal Year 1980 outlay would be necessary in order to extend its useful life to cover the same period of time as the proposed new facility. It is conceivable in some cases that those prudent actions required to extend the life of the existing facility cannot reasonably be expected to provide enough years of service to equal the economic life of a new facility. In this case, the analysis will include the cost of a suitable replacement facility at the end of the extended economic life of the existing facility, so that the total span of time covered will be the same as the economic life of the new construction alternative. The cost figure to be provided for item D. is thus the net present value of investment costs and recurring RPMA costs necessary to make the existing facility minimally capable of performing the same functions as the new facility over the same period of time. The RPMA costs are determined in the same manner as described in section A, using a Fiscal Year 1980 projection for "Current Plant Value" to determine the annual maintenance (M). All investment costs are also estimated in Fiscal Year 1980 dollars. The discount factor of 10 percent used in calculating net present value automatically accounts for normal inflation. Provide explanation of calculations and assumptions, for use during hearings.

Source: Activity Commanders

E. DESIGN STATUS (ESTIMATED)

Source: Headquarters Marine Corps

F. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

Source: Headquarters Marine Corps

ATTACHMENTS

A. Annual Price Escalation Rates

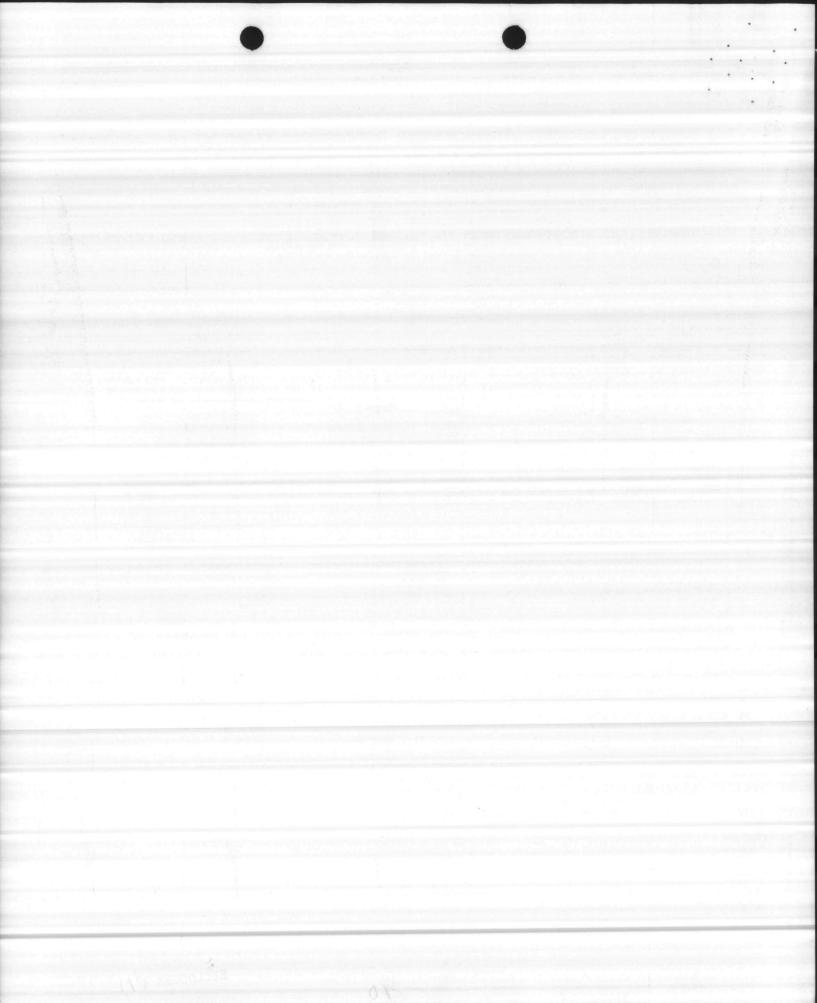
B. "Minimum Cost of Ownership" Maintenance Cost Factors

11

10

Enclosure (3)

ENCLOSURE (/)



ANNUAL PRICE ESCALATION RATES

FISCAL	L YEARS	ANNUAL ESCALATION RATES (PERCENT)			
FROM	TO	MILCON	O&M,MC		
1978	1979	7.8	6.3		
1979	1980	7.0	6.0		
1980	1981	6.5	6.0		
1981	1982	6.3	5.6		
1982	1983	6.0	5.6		
1983	1984	6.0	5.6		
Annual Rate	e Thereafter:	6.0	5.6		

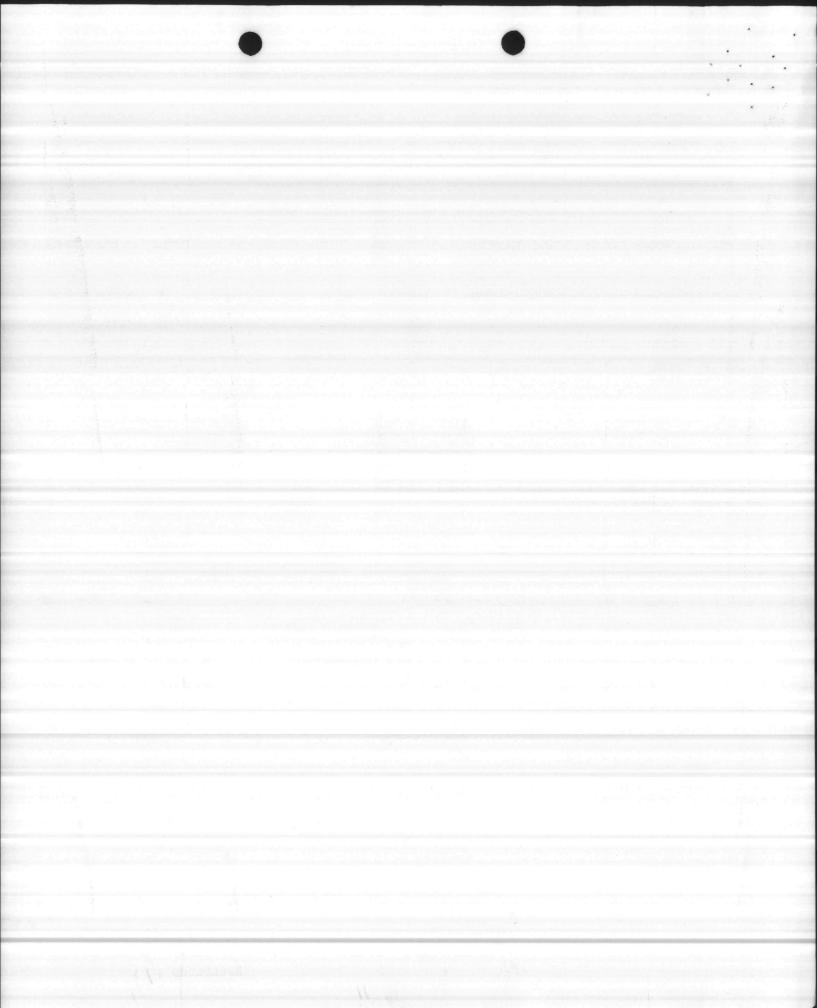
-

Attachment A to Enclosure (3)

ENCLOSURE (/)

11

.







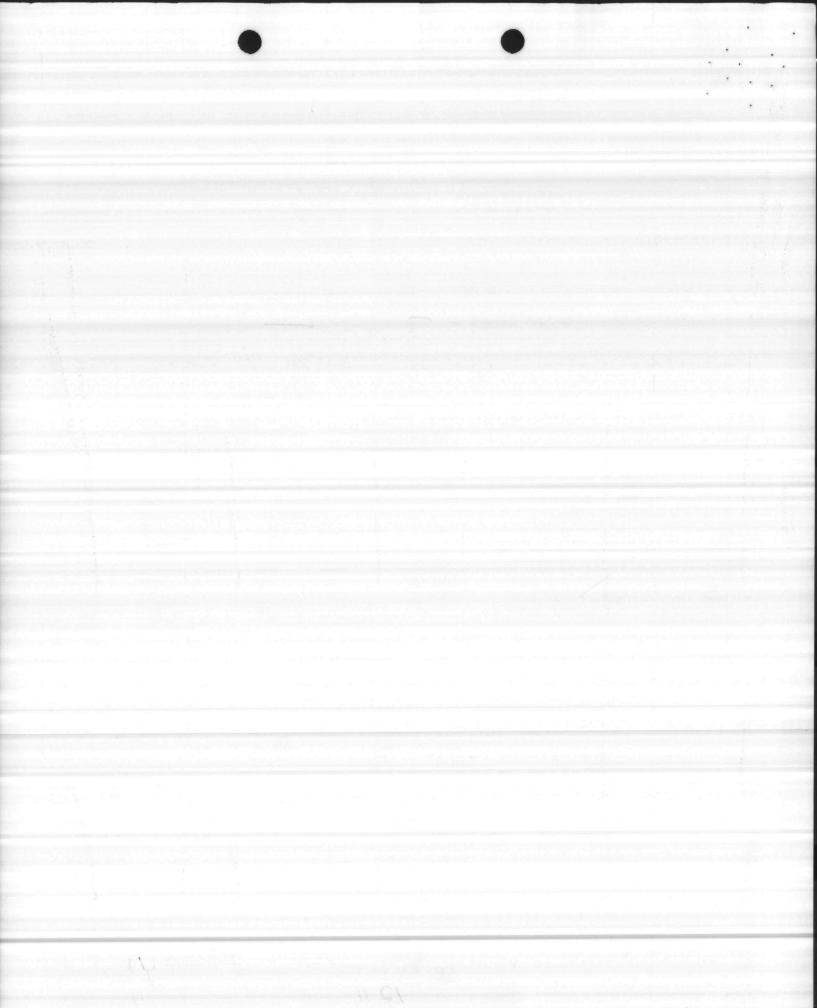
MAINTENANCE FACTORS FOR MARINE CORPS FISCAL YEAR 1980 MILITARY CONSTRUCTION PROGRAM

<u>P-NO</u> .	ACTIVITY	MAINTENANCE (M) FACTOR
706 667 610 789 766 761 132 368 369 349 140 101 196 195 273 216 019 245 182 304 303 106 230 613 996 702 704 872 704 872 157 326 117	MCAS, CHERRY POINT MCAS, YUMA MCAS, YUMA MCAS, YUMA MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAF, CAMP PENDLETON MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDE, CAMP BUTLER MCB, CAMP BUTLER MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE MCB, CAMP PENDLETON MCAS(H), SANTA ANA MCAS, EL TORO MCLSBPAC, BARSTOW	0126 0218 0102 0081 0031 0140 0126 0206 0137 0115 0160 0257 0198 0139 0224 0219 0152 0144 0103 0086 0193 0081 0098 0189 0081 0140 0146 0257 0257 0257 0257 0257 0257 0257 0257

12

-

Attachment B to Enclosure (3)



MARINE CORPS MILITARY CONSTRUCTION PROGRAM

FY-1980

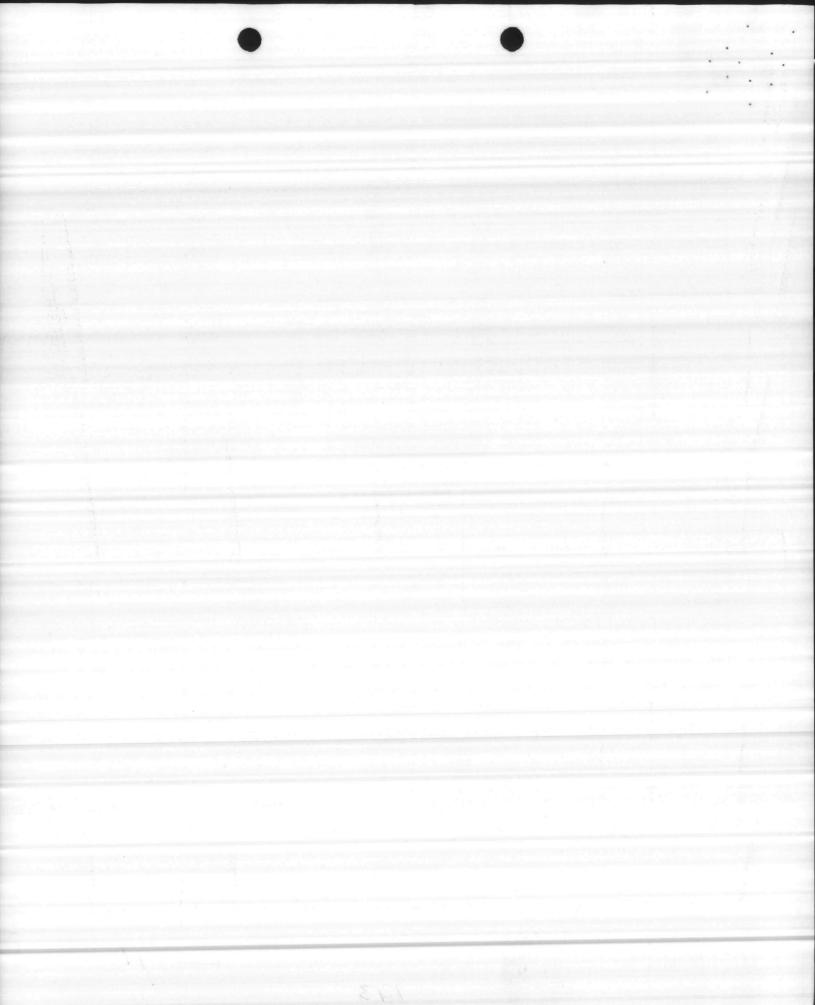
<u>P-NO</u> .	ACTIVITY	PROJECT	COST (\$000)
706 667 610 789	MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT MCAS, CHERRY POINT	ARMORY H&MS ORD FAC AIRCRAFT PARK APRONS INDUSTRIAL WASTE COLLECTION & TREAT- MENT	715 865 3,000 3,650
766	MCAS, CHERRY POINT	BULK LIME STORAGE &	200
761	MCAS, CHERRY POINT	HANDLING FACILITY INSULATION AND STORM WINDOWS	150
132	MCAS(H), NEW RIVER	ARMORY	490
368 369 349	MCAS, YUMA MCAS, YUMA MCAS, YUMA	ENGINE SHOP AIR-FRAME SHOP ORDNANCE HANDLING PAD	2,000 2,000 5,400
140 101 196	MCB, 29 PALMS MCB, 29 PALMS MCB, 29 PALMS	FIELD MAINT SHOPS BEQ MOD (969/57/0) STEAM AND CONDENSATE	4,450 7,300 1,800
195	MCB, 29 PALMS	SYSTEMS HEATING, VENTILATION, AIR CONDITIONING	100
273 216 019	MCAS, KANEOHE BAY MCAS, KANEOHE BAY MCAS, KANEOHE BAY	MAINTENANCE FAC ALTER HANGAR 103 GYMNASIUM	4,650 510 2,000
245	MCAF, CAMP PENDLETON	GSE SHOP	1,000
182 304 303 106	MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO MCDEC, QUANTICO	AUTOMATED DATA SYS FAC OCS DINING FAC OCS BEQ MOD (450 RCTS) WATER DISTRIBUTION	5,200 1,650 5,000 1,800
230	MCB, CAMP BUTLER	DINING FAC MOD	3,650
613 996	MCB, CAMP LEJEUNE MCB, CAMP LEJEUNE	BEQ (1014/42/9) INDUSTRIAL WASTE COLLECTION & TREAT- MENT	14,100 8,700
702	MCB, CAMP LEJEUNE	INSULATION & STORM WINDOWS	1,450
704	MCB, CAMP LEJEUNE	STEAM AND CONDENSATE SYSTEMS	410

13

ENCLOSURE (/)

34

Enclosure (4)

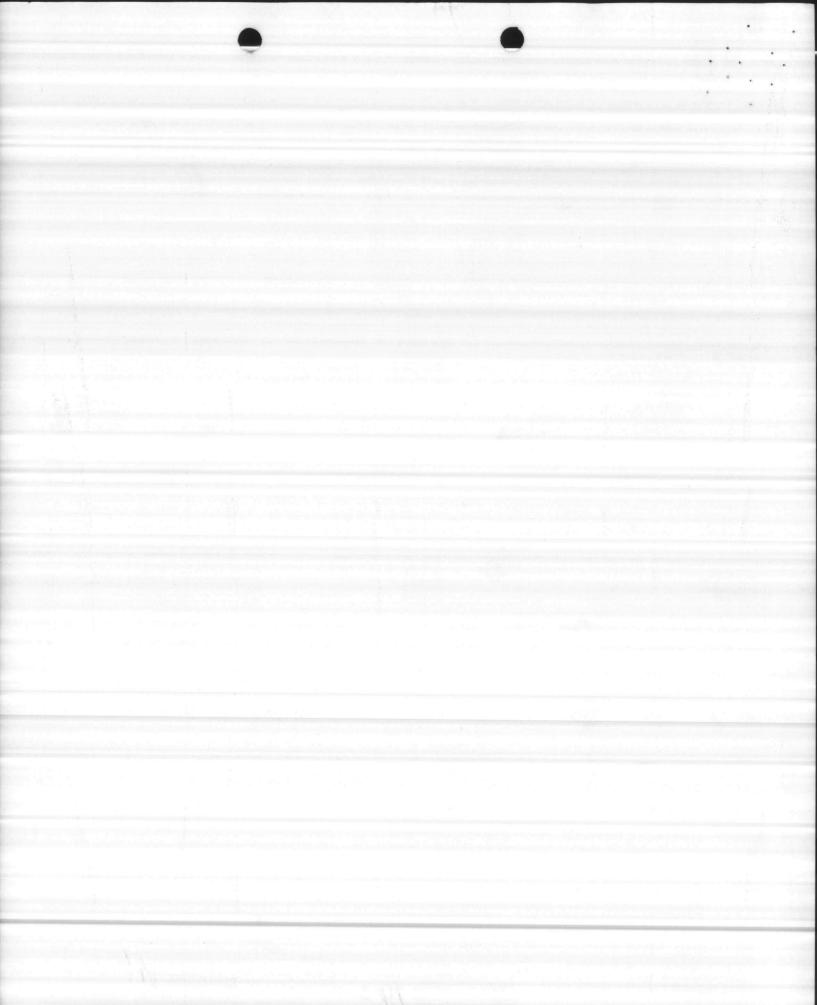


1				
	P-NO.	ACTIVITY	PROJECT	COST (\$000)
	872	MCB, CAMP PENDLETON	BEQ (1014/36/28)	13,000
	157	MCAS(H), SANTA ANA	BEQ (157/84/15)	\$ 2,800
	326	MCAS, EL TORO	BEQ (117/74/261)	9,700
	117	MCLSBPAC, BARSTOW	STEAM DISTRIB SYS	3,800

Enclosure (4) ENCLOSURE (1) -

.

14



. COMPONENT NAVY	FV 19.80 MILITARY CONSTRUCTIO				PR	OJECT DA	TA	JUN 1978
MARINE CORPS	BASE	ATION H CAROLINA 28542		ARM	IORY	FOR MCAS		
, PROGRAM ELEM	PROCHAM ELEMENT S. CATEGORY CODE 7. PROJE				BER	8. PROJ	ест соят 495	(\$000)
		9. C	OST ESTIMAT	ES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
TILITIES: EL & SEWER SYS PAVEMENT, FLE EROSION CONT ECURITY FENC OTAL COST ONTINGENCY - STIMATED CON UPERVISION, OTAL REQUEST	LEC, TH EXIBLE TROL CING & TO% HTRACT INSPEC		STEAM, WA APROVEMEN - 5.5%	TER	SF. LS LS	5,901	_55.60	328 47 28 23 426 43 469 26 495
					1.1.1	A REAL PROPERTY AND A REAL PROPERTY AND	The second second second second	

10. DESCRIPTION OF PHOPOSED CONSTRUCTION

One story armory facility of reinforced concrete on pile foundation with masonry walls, concrete floor, built-up roofing and insulation, fire protection, intrusion alarm, air conditioning, energy and pollution abatement consideration, and utility connections.

T1. REQUIREMENTS: 4,156 SF. ADEQUATE: 66 SUBSTANDARD: 2,832 SF. PROJECT: Provide armory for Marine Corps Air Station (Helicopter)/Fleet Marine Forces (FMF) units.

<u>REQUIREMENT</u>: To comply with DOD instructions for adequate maintenance and storage of small arms and other tactical ordnance for the Marine Air Wing and Fleet Marine Force units.

CURRENT SITUATION: No existing facility meets DOD requirements to store, maintain and issue weapons and ordnance used by personnel and aircraft. IMPACT IF NOT PROVIDED: Weapons and ordnance will continue to be stored in unsecured areas and highly susceptible to theft for individual use, resale, or by subversive elements.

DD 1 DEC 76 1391 5/N 0102-LF 001-3910 PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED UNTIL SCHOUSTED 17

ENCLOSURE

3414 2-1

ENCLOSURE



NAVY	PROCT DATA 2. DATE 30 Jun 191
3. INSTALLATION AND LOCATION	30 Jun 19.
MARINE CORPS AIR STATION (HELICOPTER), NEW RIVE	ER, JACKSONVILLE, NC 28545
	5. PROJECT NUMBER
ARMORY FOR MCAS/FMF UNITS, MCAS(H) AREA	P-132
1. <u>Project</u> . Provide a centralized armory of : Wing and Fleet Marine Force units.	5,901 SF for the Marine Air
2. Current and Planned Future Workload with Re facility will be used 100% of the time and the inite. There is no projected decrease in the n nance, and repair of weapons and aircraft ordna	duration of need is indef-
3. Description of Proposed Construction	
a. Type of Construction	
(1) Permanent building of reinforced construction on pilings with floors, roof, masonry ior and exterior utility system.	ncrete and masonry con- walls, insulation, inter-
(2) Pollution abatement and site improve security lighting.	ements, pavements and
b. <u>Replacement</u> . Not applicable. Existing rarily utilized to satisfy deficiencies until ne ted at which time they will be demolished.	facilities will be tempo- ew facilities are construc
c. Description of Work to be Done	
(1) Primary Facilities. Modular reinfor structure on pile foundation.	rced concrete/masonry
(a) <u>Support Facilities</u> . Rigid and f rity fending and lighting, utilities, and site i	flexible pavements, secu-
(2) <u>Energy Conservation</u> . Energy efficientation for maximum energy conservation will	ent equipment and building be utilized.
(3) <u>Collateral Equipment</u>	
* Air Conditioning	LS
* Climate Control (Dehumidifier)	LS
* Intrusion Alarm System	LS
Fire Exit Lights	LS
* Fire Alarm System	LS
Water Coolers	1
Overhead lighting/alarms	LS
* Venetian Blinds	*
* Intercom System	LS
* Rifle Racks (370 Rifles) (2 racks-	
1 for 150 - 1 for 220 rifles)	LS

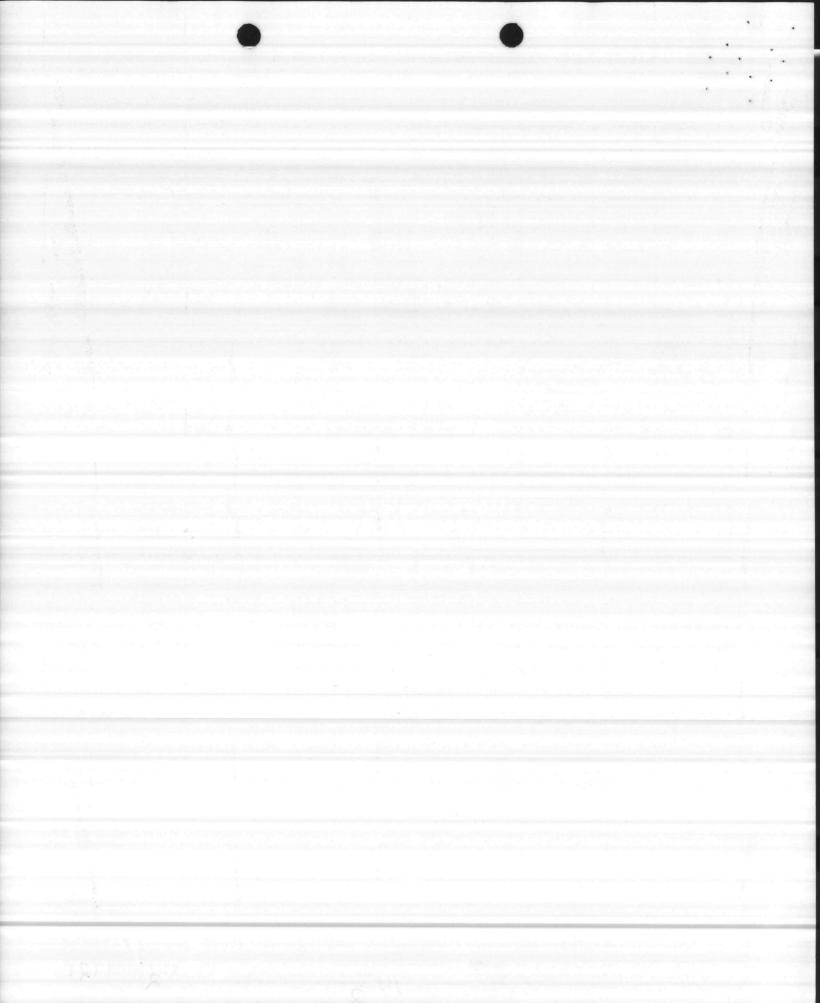
* A-Frame for M60 C

OD FORM 1999 PREVIOUS LOTTIONS MAN BE USED INTERNALLY

2

66

PARENCE (Q)



NAVY 3. INSTALLA	The second second	ND LOCATION	MAR-Deve - 85 ma	CONSTRUCTION PROJECT		3	0 Jun 19	78
							na do Barrow na nagrada na	
MARINE CO	RPS A	LR STATION (H	ELIC	OPTER), NEW RIVER, JACKSON	VILI	LE, 1	NC 2854.	5
A. FROJECT	1111.5				COM COMPANY AND ADD		NUMBER	
ARMORY FO	R MGAS	S/FMF UNITS,	MCAS	(H) AREA	P-1	32		
an ngu han sing per samangan persecut di Konte Jarbar	and an open seconds	C. Martine Construction of press of a statement of the	A TRADUCT AND A DESCRIPTION OF		and a second second		and which the first of the state of the stat	man
		A-Frame for M A-Frame for M		Au I				1
	ż I	istol Storag	e (2	050 pistols)** LS				
	*St	notgun Rack, H	SpSe	rv Weapons (40) 1				
	* 1	lir Compresso	r &	Air System , 1				
* Equipa	nent w	ith associate	ed in	istallation cost.				Tablecompany
* 3 sena	irate	nistal stora		acts such a field in the				
owing num	aber o	f pistols:	900,	nests each of which will co 950, and 200.	onta	in t	he fol-	
	(b)	Expense Iter	ns					Í.
	QQ	7195-00-926-5	5940	Sources of ALS				
	00	6645-00-530-3		metal rim	4		107.00	
	90	4210-00-720-1	815		4	EA	7.69	
der as in a		7230	010	Fire Extinguishers, water Drapes	4	EA	19.14	1
		7230		Hardware for Drapes	*			Pro-
		7110-00-143-0		Desk - single pedestal	3	EA	157.04	149
	9Q	7110-00-143-0	832	Desk, 3-drawer both sides	3	EA	214.24	-
	90	7110-00-273-8	793	Chair, Desk, swivel w/arm	s 4	EA		-
	ye	7110-00-273-8	195	Chair, Desk, swivel w/o	~			1
	90 :	7110-00-262-6	681	arms Bookcase, top	2		45.76 5.92	
	9Q 1	7110-00-262-6	673			EA		
	90 7	7430-00-286-9	023	Typewriter, manual	3	ΕA	218 00	1
	90 7	/110-00-551-5	493	Filing cabinets - 2 drawer	c 2	EA	73.84	1
	, ye	/110-00-286-3	/96	Filing Cabinets - 5 drawer				1
	90 7	110-00-273-8	772	(folders) Filing Cabinets - 1 drawer	1	EA	128.96	
1. A. 1. 1. 1.	and and the	11 to to a py	anter a	WW15x8 cardsh	650	FA	6.96	1
	and 1	123-00-033-8	121	Cabinet - Spare Parts	3	EA	91.52	
1	90 1	110-00-273-8	782	Chair - office		EA	36.40	
	an v	110-00-097-81 PEN PURCHASE	128		1	EA	136.24	1.
	0	TTA LOUCHADE		Cabinet, Personal Gun (24 shotguns)	1			
	9G 6	230-00-873-15	10	Fluorescent desk light	1			
				(w/optical piece)	1	EA	33.28	
	9Q 7	125-00-680-27	64	Wall locker, Reg, Clothing			00.20	
	- 0C A	210-00-202-78		Туре	1	EA	60.32	
	JU 4		58	Fire Extinguishers, 15	,			
	9G 7	105-00-935-32	70	lbs., CO2 Rack, sleeping (Guard Area	0	EA	60.32	
		#34K7384N		Refrigerator, small, Sears	11	EA .	04.48	
				2.5 CF	1	EA	147.99	
	01	PEN PURCHASE		Shotgun Rack (for 2 shot-				
				guns)			and the second	

1.4

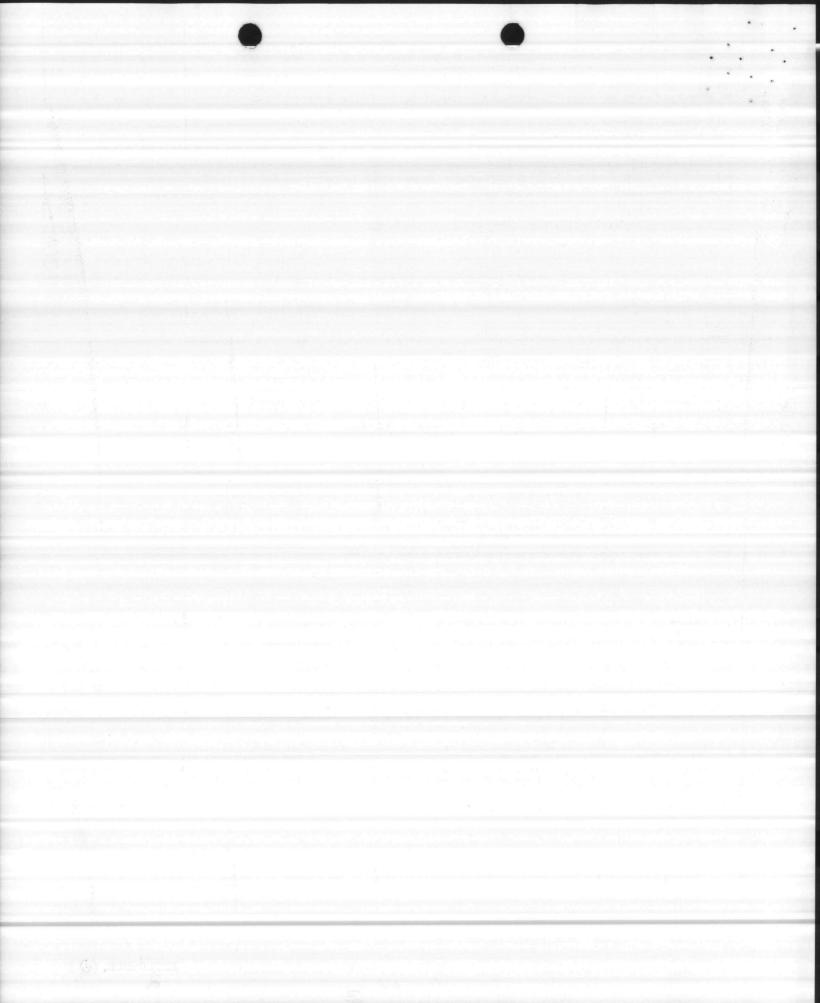
and the second second second second

Alter all have been such

and annu a File

.

3 1 .



CONPONENT	CONSTRUCTION PREC	T DATAL	2. DATE
3. INSTALLATION AND LOCATION	an gaarah waxaa ee waxaa a dab beenaa a ada waxaa a dabaraa ay aa dabara daga ka baba ya daba ya daba ya daba y	В0	Jun 1978
trip renergening production in the second			Contraction of the Contraction o
MARINE CORPS AIR STATION (HELIC	COPTER), NEW RIVER, JACKS	SONVILLE,	NC 28545
4 PROJECT THEE	an ne no cultur (geo ne neco) ne trocat transparon na fite do gradificativativativativativativativativativativ	5. PROJECT	
ARMORY FOR MCAS/FMF UNITS, MCAS	G(H) AREA	P-132	
OPEN PURCHASE	Locker, personal weapo (for 35 shotguns)	ns 1	n (Senis a Contraction and Senis and Senis and Senis and
90 7110-00-262-6650	Bookcase, glass front, metal	1610.5320 2 E	A 26.52
90 7125-00-269-8534	Cabinet, storage, (for office supplies w/sh	elv-	
90 7110-00-143-0835	ing) Desk Typing	3 E.	
9D 7210-00-139-6424	Mattress, Bed 36"x75",	1 . E.	A 220.48

* Quantities will not be known until 30% completion of plans and specs by A & B.

for rack

(4) <u>Supporting Facilities</u>. Special piling, foundation, solar hot water system, collateral equipment, site improvement, pollution abatement, etc. No facilities will be demolished for this project.

4. Cost Estimate. Area cost factor for Camp Lejeune, N. C., is 1.00, NAVFAC P-448 (Feb 1976), Military Construction Cost Engineering Data. The book data is escalated to FY 1980 to provide the cost for the proposed facility. The contingency factor is 10% and the cost growth factor is computed at 10% per year with an estimated award date of Jan. 1980.

Instification for Project and for Scope of Project

. Justification for Project

(1) Project. Proposed facility is required to provide the Marine Air Wing and Fleet Marine Forces an adequate and secure facility to perform weapons and ordnance storage, maintenance, and repairs.

(2) Current Situation. Personnel are working in substandard and makeshift facilities which do not meet DoD or Marine Corps criteria for Armory, Category Code 143-45.

(3) Impact if Not Provided. Personnel will continue to function in substandard and makeshift facilities resulting in time consuming and inefficient operations resulting in loss of work time and wasted energy.

b. Justification for Scope of Project. The project scope is the minimum size facilities that can meet the deficiency requirements of 5,901 SF of space to replace the existing facilities presently in use.

5. Equipment Provided from Other Appropriations. Not applicable.

in the second the second second

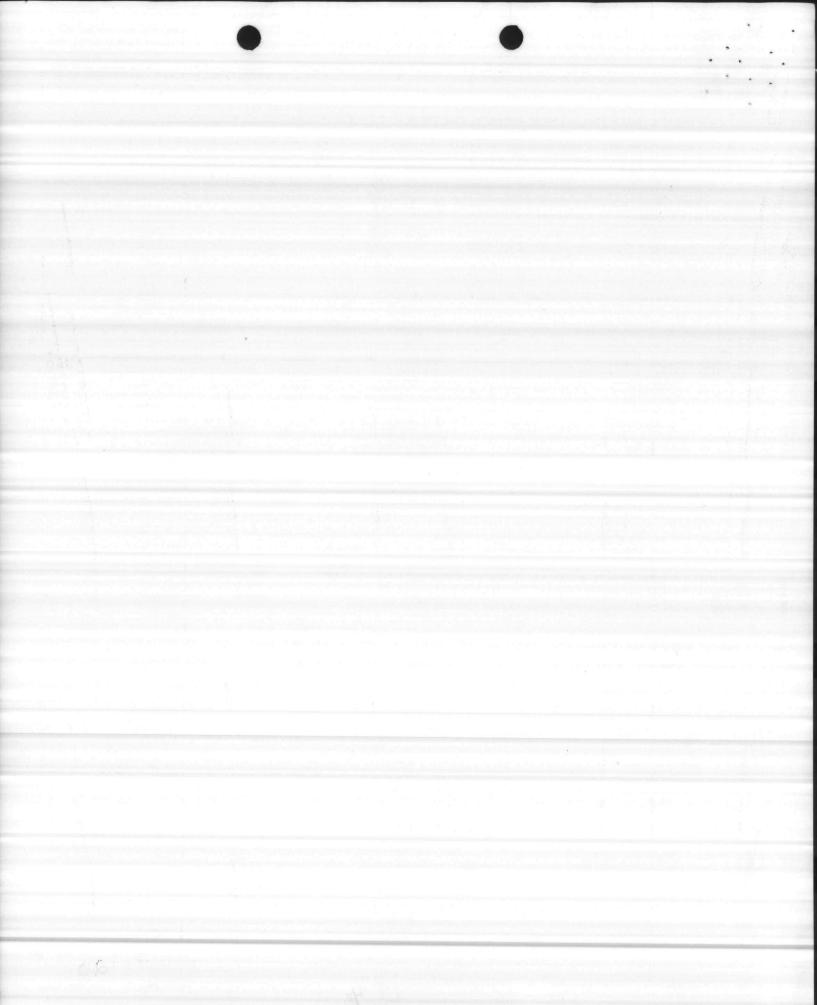
PREVIOUS LOITIONS MAY BE USED INTERNALLY

ENCLOSURE (2)

Penterin 3

1 EA

66.00



NANY	IFY OB	O MILITARY CO	NSTRUCTI	ON PIDECT	DATA	2. DAT	7
3. INSTAL	LATION AND LOCA	TION	ananun alle eta a sun penangun Bandaucites comp	ne ur ag a guile aig a thairean guilg is grant ein a sunaine Briegganag	all financishi shu ang	Joo Juli	1970
MARINE (CORPS AIR STA	TION (HELICOPTE	R), NEW R	IVER, JACKSO	ONVILLE	, NC 28	8545
4. PROJEC	OT TITLE	non an with A destructions as an off of this makes was a to reached to the give announced BCD togeth	40053/004403.004001940-52334-5238999999424	nnghanaranan karanganan karanganan karangan	5. PROJE	CT NUMBER	7
ARMORY I	FOR MCAS/FMF	UNITS, MCAS(H)	AREA		P-13	2	
7. Con support	mon Support t facilities	Facilities. No available in th	t applica e Marine	ble. There Corps Air St	are no tation a	common area.	
sonnel	presently wo:	project will e rking in widely	disperse	d facilities	. Prot	posed co	n-
structi situati	ion should be ion and comply	responsive to y with the requ plemented by NA	the chall irements of	enges presen of Executive 4100.5A.	ited by	the ene	rgy
structi situati 20 July	ion should be ion and comply / 1977 and imp	responsive to y with the requ plemented by NA	the chall irements (VFACINST 4	enges presen of Executive 4100.5A.	ited by	the ene	rgy
structi	ion should be ion and comply	responsive to y with the requ plemented by NA	the chall irements (VFACINST 4	enges presen of Executive 4100.5A. nts	ited by	the ene	rgy
structi situati 20 July	ion should be ion and comply / 1977 and imp / Electricity	responsive to y with the requ plemented by NA Utility Consumption Peak Demand	the challe irements (VFACINST (Requirement 37,620 20	enges presen of Executive 4100.5A. <u>hts</u> <u>KWHR/yr</u> KW	ited by	the ene	rgy
structi situati 20 July a.	ion should be ion and comply / 1977 and imp / Electricity	responsive to y with the requ plemented by NA <u>Utility</u> Consumption Peak Demand Avg Demand	the challe irements (VFACINST (Requirement 37,620 20	enges presen of Executive 4100.5A. <u>nts</u> <u>KWHR/yr</u> <u>KW</u> KW	ited by	the ene	rgy
structi situati 20 July a. b.	ion should be ion and comply / 1977 and imp / Electricity	responsive to y with the requ plemented by NA <u>Utility</u> Consumption Peak Demand Avg Demand Consumption	the challe irements of VFACINST of Requirement 37,620 20 16 363,148 130	enges presen of Executive 4100.5A. <u>hts</u> <u>KWHR/yr</u> <u>KW</u> KW <u>Ibs/yr</u> <u>Ibs/yr</u>	ited by	the ene	rgy
structi situati 20 July a. b.	on should be on and comply 1977 and imp Electricity Steam	responsive to y with the requ plemented by NA <u>Utility</u> Consumption Peak Demand Avg Demand Consumption Demand	the challe irements of VFACINST of Requirement 37,620 20 16 363,148 130 gal/	enges presen of Executive 4100.5A. <u>hts</u> <u>KWHR/yr</u> KW KW <u>1bs/yr</u> <u>1bs/yr</u> <u>1bs/hr</u> 'yr	ited by	the ene	rgy
structi situati 20 July a. b. c. d.	on should be on and comply 1977 and imp Electricity Steam 0il Adequate uti	responsive to y with the requ plemented by NA <u>Utility</u> Consumption Peak Demand Avg Demand Consumption Demand 2,419,4	the challe irements of VFACINST of Requirements 37,620 20 16 363,148 130 gal/ nts are av	enges presen of Executive 4100.5A. <u>nts</u> <u>KWHR/yr</u> <u>KW</u> <u>1bs/yr</u> <u>1bs/hr</u> /yr vailable.	ited by	the ene	rgy

11. Economic Analysis. These facilities are being constructed in a developed area of the Base and the economic saving will be in nominal energy consumption savings to be realized from efficient operations. This is a military operational project which must support an operational mission.

12. Environmental Impact. The project will not cause any additional air or water pollution and energy conservation measures and features have been considered to enhance the design and economics of the facility.

13. Quantitative Data

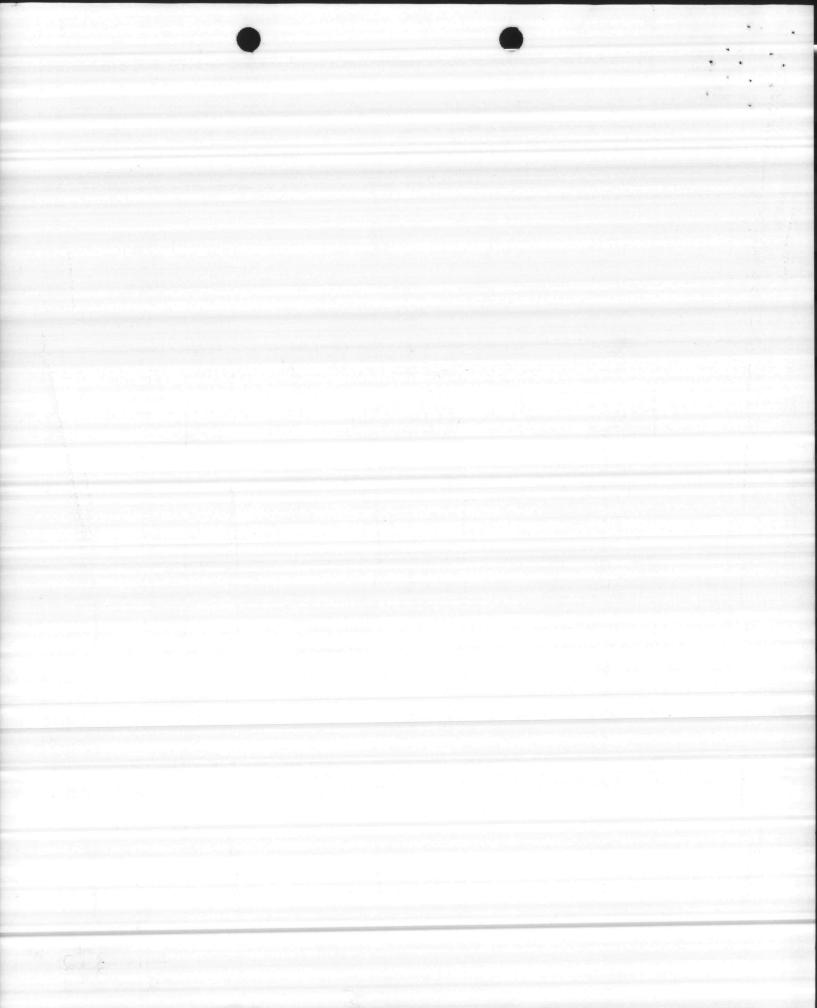
a. <u>BPRL Requirement</u> (MCAS(H); New River Area (LA)); _NAVFAC_P-80 states that the requirement for Category Code 143-45 shall be computed on the organizations and number of persons using the facility. The total requirements are 5,901 GF.

ND FORM 1999-

PREVIOUS LAITIONS MAY BE USED INTERNALLY

ENCLOSURE (D)

Pareno 4



L. CONPONENT NAVY 3. INSTALLATION AND LOCA		NSTRUCTION PROFECT DATA 2. DATE 30 Jun 197
		ER), NEW RIVER, JACKSONVILLE, NC 28545
ARMORY FOR MCAS/FMF	INTTO MCACTO	5. PROJECT NUMBER
b. Existing As:	an galan di baran makamini mangar Persis Padagat Kongres awat kana ang ong	AREA
international in the distribution of the distribution of the distribution of the state		
(1) <u>Substan</u>	lard	
Bldg. No	Area	Remarks
AS-130 AS-4120 AS-518		Substandard - convert to other use. Substandard - convert to other use. Substandard - convert to other use.
Subtotal	2,832 SF	
(2) Adequate		
Bldg. No	. Area	Remarks
AS-4010	66 SF	Convert to other use.
Subtotal	66 SF	
c. <u>Planned Faci</u>	lities	
Proj. No.	Area (SF)	Organization
P-132	5,901	MCAS(H)/FMF Units New River
Subtotal	5,901	Planned Facility
	0	Exist adequate/under construction.

BFRL Total Requirements: 4,156 SF.

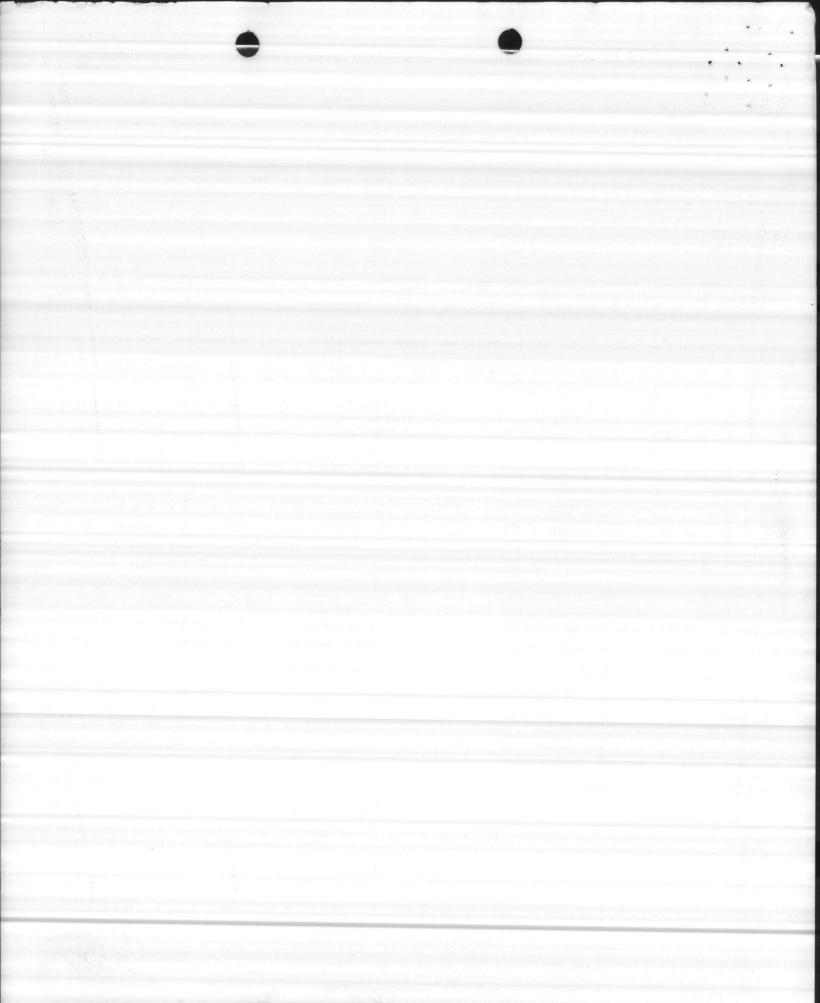
(Increased space requirements approved by HQMC (LFF-1)).

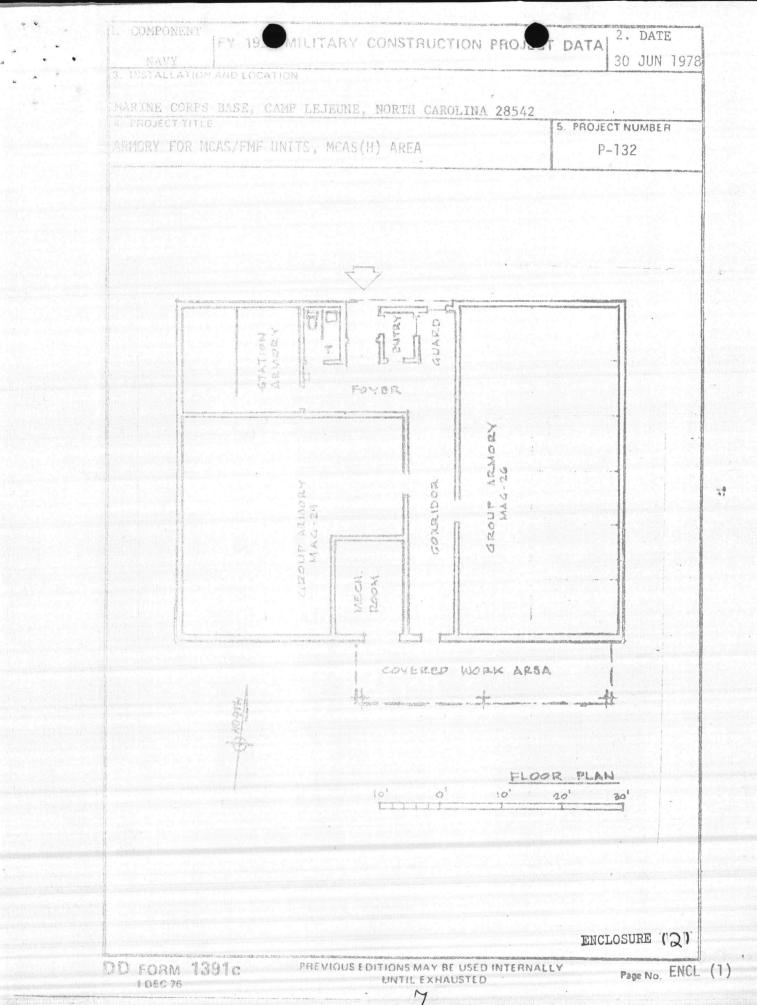
()D FORM 1391-

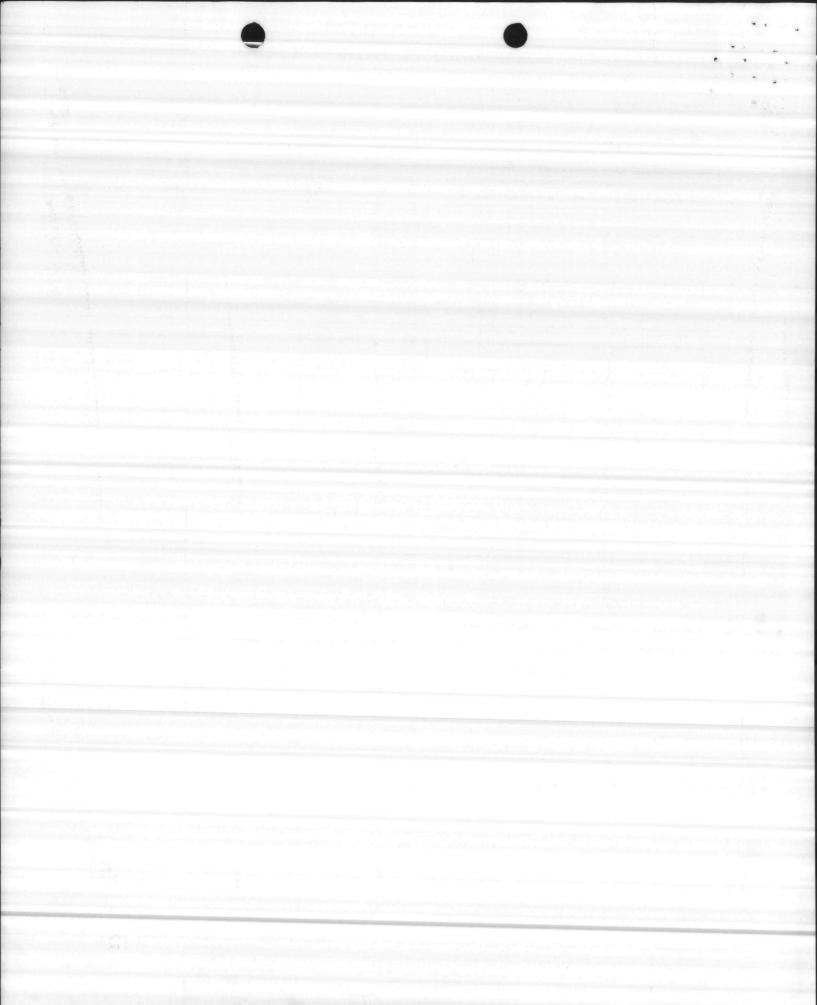
6

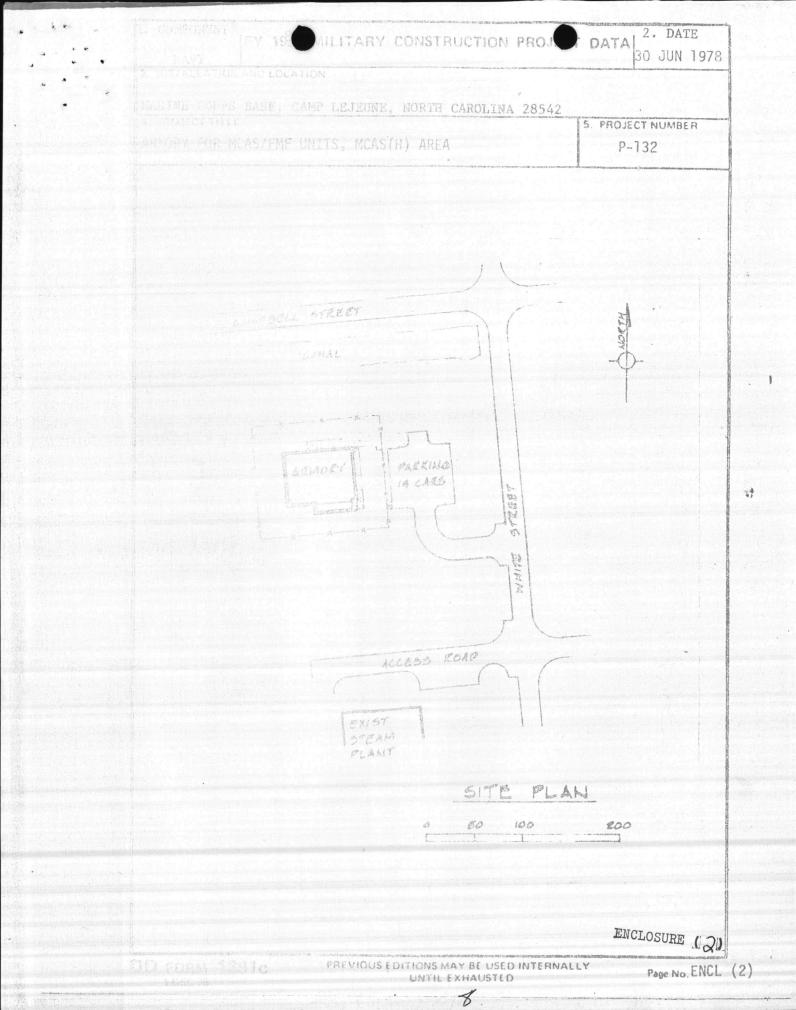
ENCLOSURE () Partelio

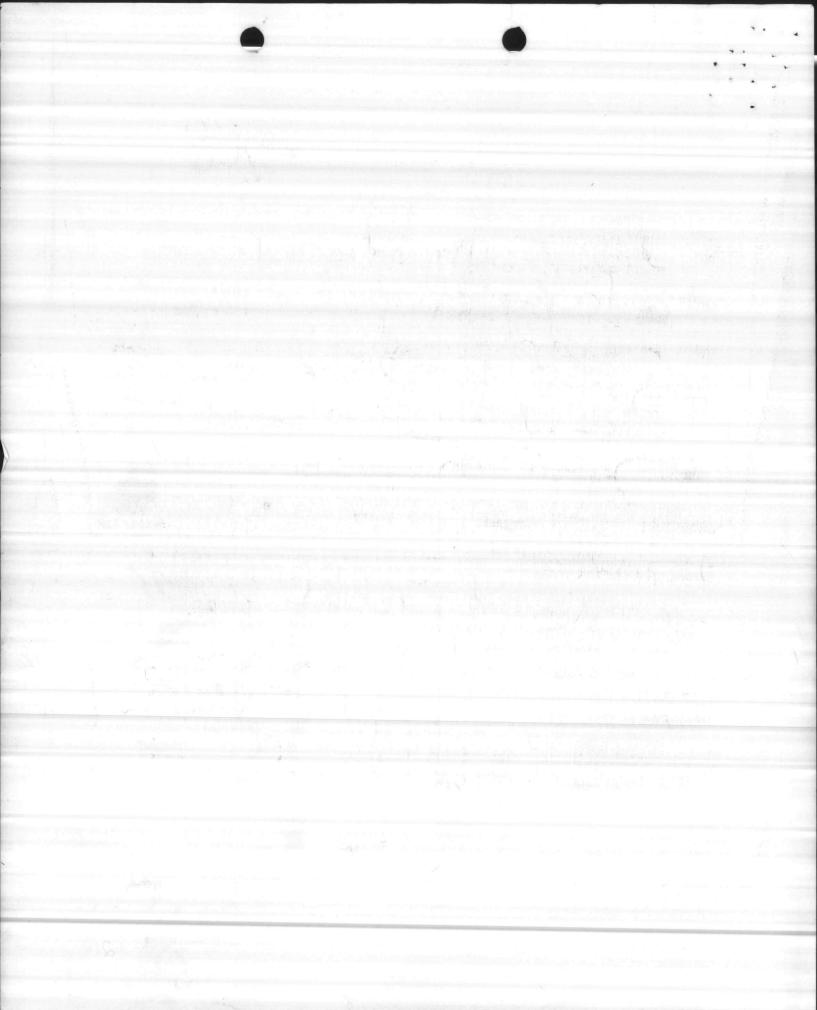
5











UNITED TES MARINE CORPS Marine Trps Air Station (Helicopter) New River, Jacksonville North Carolina 28545

> 204:BJB:cbm 11000 19 Oct 1978

From: Commanding Officer

- To: Commanding General, Marine Corps Base, Camp Lejeune, N. C. 28542 (Base Maintenance Officer)
- Subj: Supplemental Information Requested by Congress for Fiscal Year 1980 Military Construction Program
- Ref: (a) FONECON btwn Mr. D. DILLON (Maint Ops, MCB, CLNC) and Mrs. Betty J. BLAKE (Fac, MCAS(H), NR) of 18 Oct 1978
- Encl: (1) CMC ltr LFF-1-LAW:bab of 12 Oct 1978
 (2) Planning Documents for FY 80 MCON Project P-132, Armory, MCAS(H), New River

1. Subject information is requested by enclosure (1) to reach Headquarters Marine Corps (LFF) not later than 15 November 1978.

2. This activity has one project, P-132, Armory, for the Fiscal Year 1980 Military Construction Program. Enclosure (2) is attached for your information.

3. It is requested that assistance be furnished this activity on the following information required by enclosure (1) as discussed in reference (a).

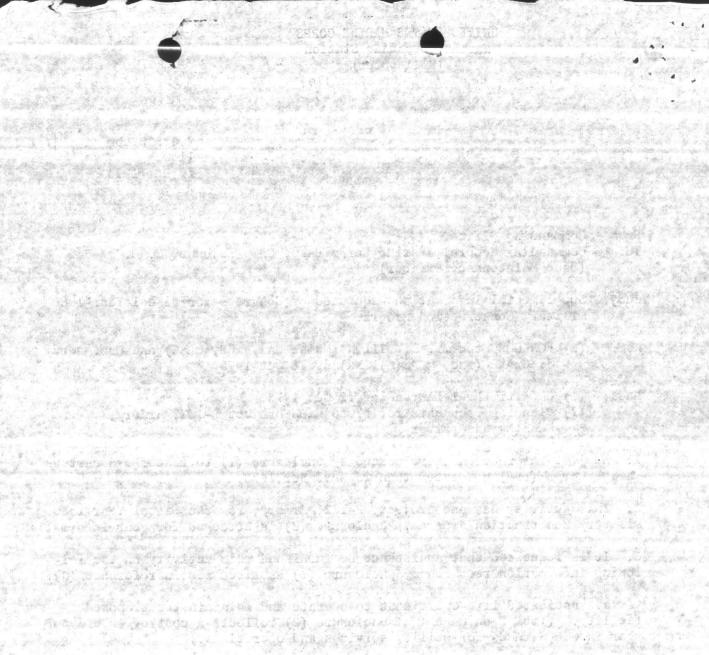
a. Estimated life-cycle cost to operate and maintain the proposed facility. (Item 8 on page 4 of enclosure (2) reflects a cost of \$2,013 per year in O&M,N funds for utility services and operations.)

b. Estimated life-cycle cost to operate and maintain the existing facility if new facility is a replacement. (The new central Armory will replace the areas used for armory space in existing facilities as identified on page 5 of enclosure (2)).

4. It is requested that the above information be furnished this activity prior to 8 November 1978 so that this activity can respond to enclosure (1) prior to 15 November 1978 as directed.

> P. F. ANGLE By direction

Copy to: CG, MCB, CENC (AC/S FAC)



and the transmission of the second second