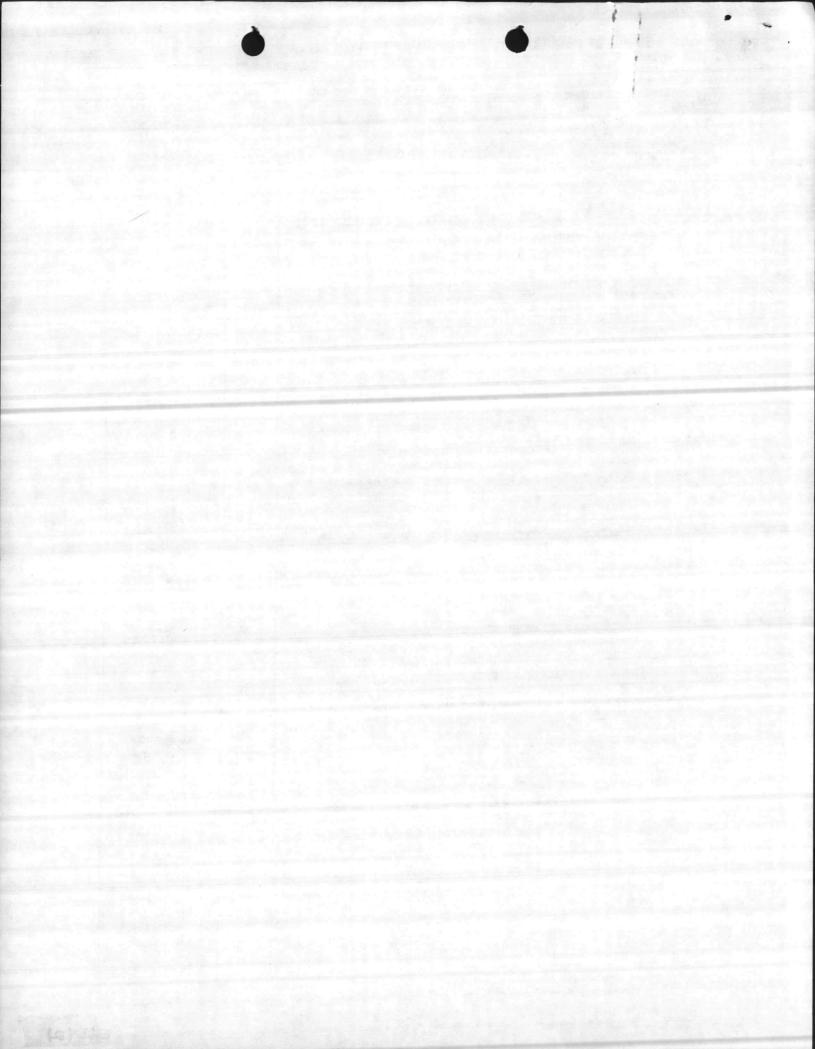
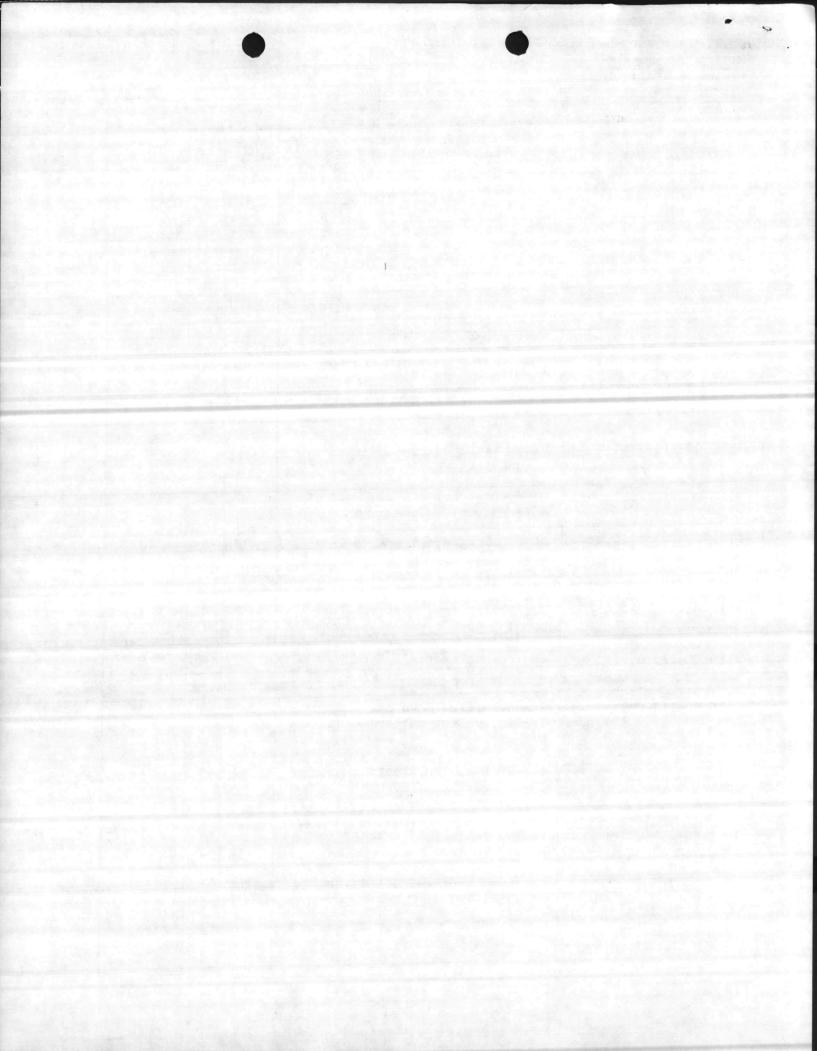
3 APR 1980

1: ACTIVITY (Name and Location)	WODEN GAROY TWA 205/2				
2 PROJECT TITLE	ONS MAINTENANCE SHOP (DIV HQ BN)				P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL
1. BUILT-IN EQUIPMENT TO BE MCON FUNDED	*Air-conditioning, heating, and ventilating systems *Plumbing system *Steam system (interior) *Compressed air system *Sprinkler system *Telephone, intercom & fire alarm system *Drinking water coolers *Crane, overhead - 5 ton capacity *Lockers *Locker-room benches, 6' long *Chalkboards, wall mounted *Board, bulletin, wall mounted *Counter, dispatchers *Blinds, Venetian *Exhaust system, overhead, fractional HP, 208V, 3 phase *Deluge shower, w/eye wash, CW *Acid resistant sink, CW, w/bench *Exhaust hood (over) w/fraction HP, 120V, 1 phase fan *Grounding system, electronic *Pass window, 4' wide, w/counter & "B" label roll down shutter w/fusible link *60/400 cycle electrical system with AC/DC power bus bar and transformers		EA EA EA EA EA EA EA EA EA EA EA		
*Equipment with associ	ated installation cost.				
2. EXPENSE ITEMS	Benches, work, portable 48"x28" x34"H	15	EA	225	3,375
2 200	Benches, work, portable, 72"x 28"x34"H	1,0	EA	281	2,810
1 / ne	Benches, work, stationary, 28"Dx 34"H, stl top, std, lead covered in battery shop	14	EA	352	4,928
	Parts bins, adj shelving, 14"x 24"D	5	EA	132	660
	Grinder, bench 7" w/buffer wheel	. 1	EA	424	424



1. ACTIVITY (Name and Location)

ROJECT TITLE ELECTRONICS/COMMUNICA	TIONS MAINTENANCE SHOP (DIV HQ BN)				P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	PRICE	COS
	Parts rota bins, 3' dia. multi bin	10	EA	380	3,80
	Battery charger, 6 & 12V selenium type; battery tester, 6 & 12V, 2.2 KW, 208V	3	EA	616	1,84
	12"W shelving w/adj stds. 6 shelves, 36"W & 84"H	20	EA	100	2,00
	14"W shelving w/adj stds	20	EA	176	3,52
	Student chairs, Heywood Wakefield Mod. HC-7730-PABS-PP	32	EA	44	1,40
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern, top, no overhang	3	EA	248	74
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	9	EA	176	1,58
7110-00-113-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	17	EA	103	1,75
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	9	EA	193	1,73
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	9	EA	87	78
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	5	EA	, <b>91</b>	45
	Typewriter, IBM electric 13-12" carriage, carbon ribbon, 10 pitch Model 833	5 .	EA	781	3,90
7110-00-497-2012	Filing cabinet, 5 drawer, legal size, w/o lock	7	EA	230	1,61
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-1/16"H	9	EA	152	1,36
7110-00-004-6764	Bookcase, base, 33"x13"x10"H	10	EA	14.30	14

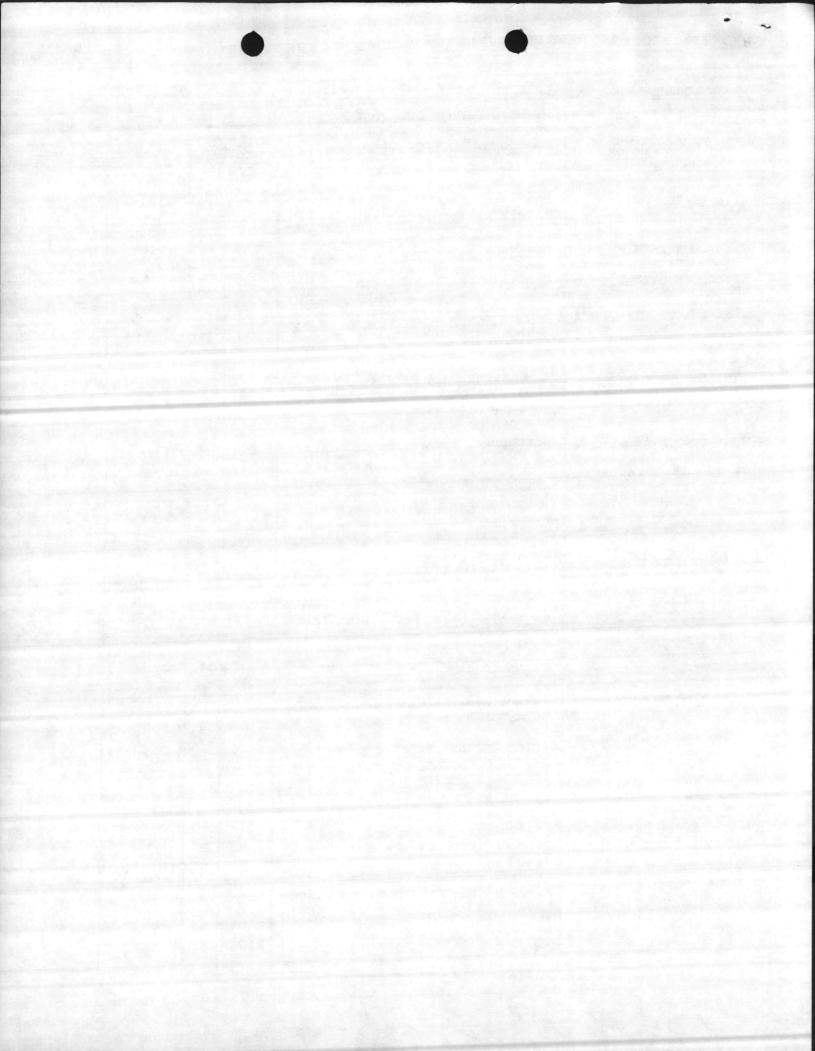


3 APR 1980

1. ACTIVITY (Name and Location)

28542

PROJECT TITLE ELECTRONICS/COMMUNICA	TIONS MAINTENANCE SHOP (DIV HQ BN)				P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12"x14"H	42	EA	32	1,344
7110-00-471-4039	Bookcase, top, 33"x13"x2½"H	10	EA	12	120
7110-00-190-7085	Chair, straight, w/o arms	50	EA	61	3,050
7195-00-004-0652	Costumer, wearing apparrel, contemporary, 4 dbl hooks, round pole w/rd base	. 12	EA	39	468
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base	5	EA	44	220
7520-00-285-5416	Wastepaper basket, dark brown, 14½"Hx13" dia. top	20	EA	5.50	110
	Draperies	99	PR	72	64
	Draperies	4	PR	83	33
6230-00-682-3423	Desk lamp	20	EA	43	86
	Adding machine, Monroe Model 1405	5	EA	286	1,43
	Bulletin board, cork, alum frame, 4'x6'	7	EA	73	51
	Portable easel	2	EA	66	13
7110-00-177-4902	Table, gen. purpose (classroom) 60"x30"x29½"H	7	EA	115	80
	TOTAL EXPENSE ITEMS				\$48,88
	Shipping, packing, handling, installation charges & contingenci	es - 1	.0%		4,88
3. INVESTMENT ITEMS	Benches, work, electronic, 60 cyc & 400 cyc. 28V	15	EA	1,452	21,78
	Security Rack for Mechanics' tool boxes, 24 openings	4	EA	3,168	12,67
	TOTAL INVESTMENT ITEMS				\$34,45



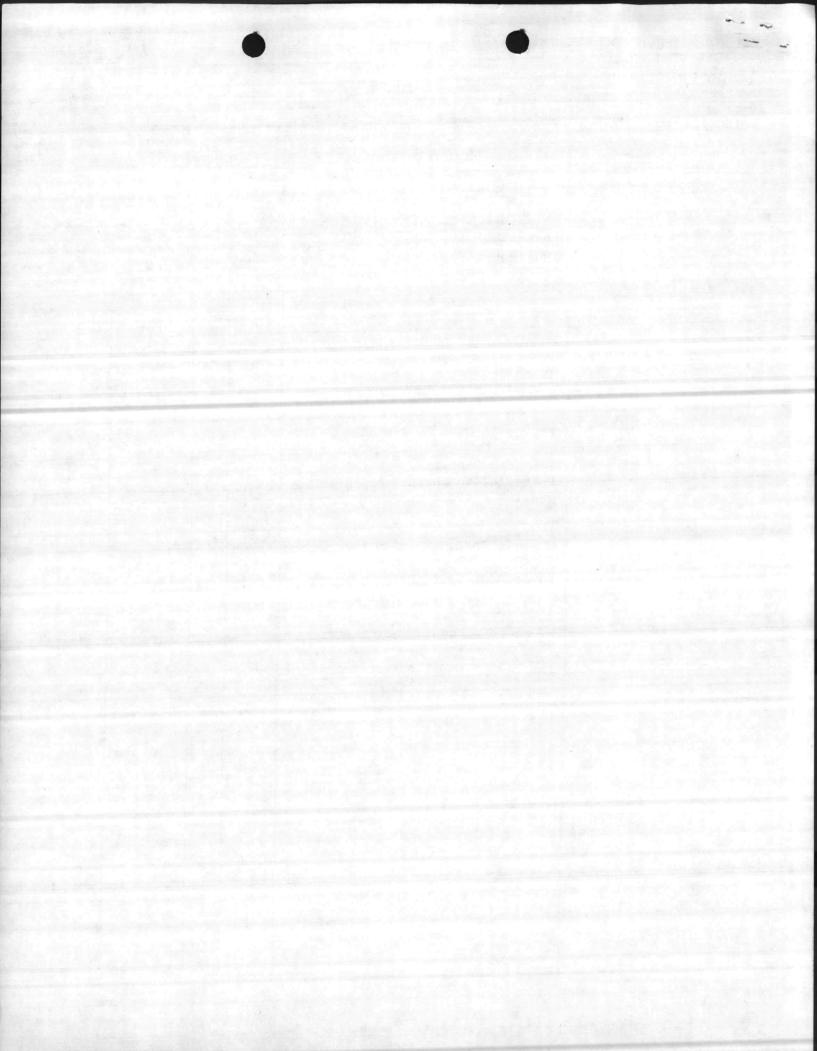
COLLATERAL EQUIPMENT REQUIRED ITS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE

P-175

1: ACTIVITY (Name and Location) MARINE CORPS BASE CAMP LETEUNE, NORTH CAROLINA 28542

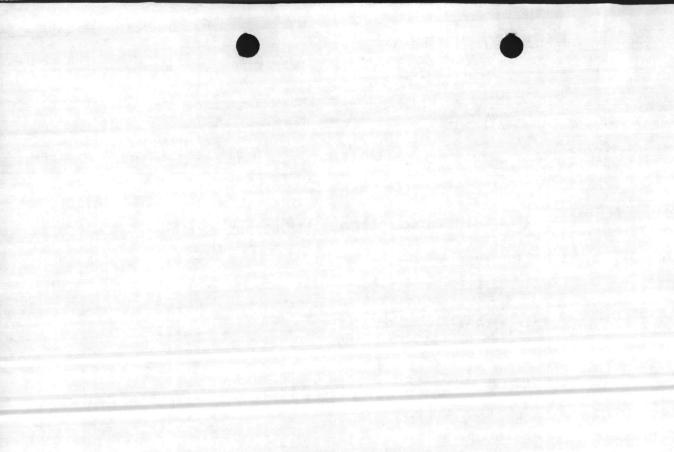
ROJECT TITLE LECTRONICS/COMMUNICAT	TIONS MAINTENANCE SHOP (DIV HQ BN)		T		P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTA
. INVESTMENT ITEMS	(continued)				
	Shipping, packing, handling, installation charges & contingencies - 10%				\$3,445
APA EQUIPMENT	None				
TRAINING EQUIPMENT	Movie projector	2	EA	693	1,386
	Movie screen	2	EA	132	264
	Overhead projector	2	EA	453	906
	TOTAL TRAINING EQUIPMENT				\$2,556
	Shipping, packing, handling, installation charges & contingencies - 10%				255
6. SUMMARY					\$53,771
	Expense Cost				\$37,897
	Investment Cost Training Cost				\$ 2,811
	GRAND TOTAL				\$94,479
	GIGNED TOTAL				
					1
		10-10-10-10-10-10-10-10-10-10-10-10-10-1			
			150		



3 APR 1980

MARINE CORPS BASE, CAME	LEJEUNE, NORTH CAROLINA 28542				
2 PROJECT TITLE	ONS MAINTENANCE SHOP (DIV HQ BN)				P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTAL COST
	*Air-conditioning, heating, and ventilating systems *Plumbing system *Steam system (interior) *Compressed air system *Sprinkler system *Telephone, intercom & fire alarm system *Drinking water coolers *Crane, overhead - 5 ton capacity *Lockers *Locker-room benches, 6' long *Chalkboards, wall mounted *Board, bulletin, wall mounted *Counter, dispatchers *Blinds, Venetian *Exhaust system, overhead, fractional HP, 208V, 3 phase *Deluge shower, w/eye wash, CW *Acid resistant sink, CW, w/bench *Exhaust hood (over) w/fraction		EA EA EA EA EA EA EA EA EA EA EA	FRICE	COST
	HP, 120V, 1 phase fan *Grounding system, electronic *Pass window, 4' wide, w/counter & "B" label roll down shutter w/fusible link *60/400 cycle electrical system with AC/DC power bus bar and transformers		EA EA EA		
*Equipment with associ	ated installation cost.			F-121 4	
2. EXPENSE ITEMS	Benches, work, portable 48"x28" x34"H	15	EA	225	3,375
	Benches, work, portable, 72"x 28"x34"H	1,0	EA	281	2,810
	Benches, work, stationary, 28"Dx 34"H, stl top, std, lead covered in battery shop	14	EA	352	4,928
	Parts bins, adj shelving, 14"x 24"D	5	EA	132	660
	Grinder, bench 7 w/buffer wheel	. 1	EA	424	424

ENGL (2)



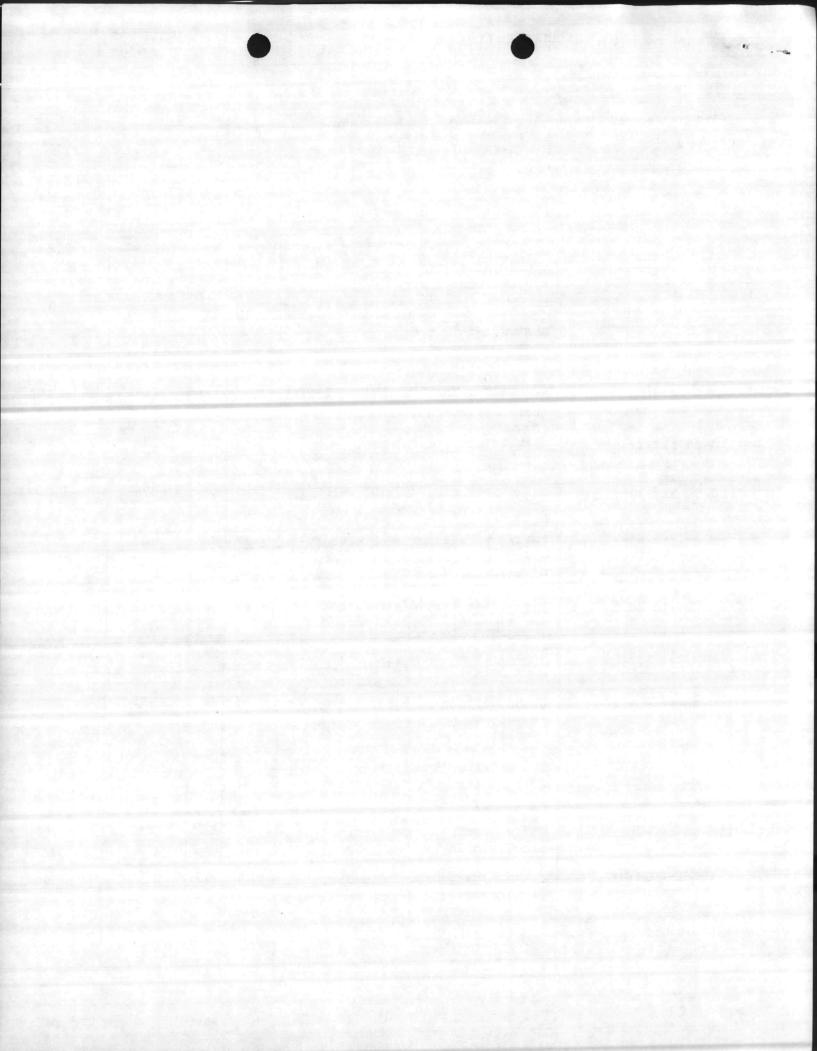
COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE

3 APR 1980

1. ACTIVITY (Name and Location)

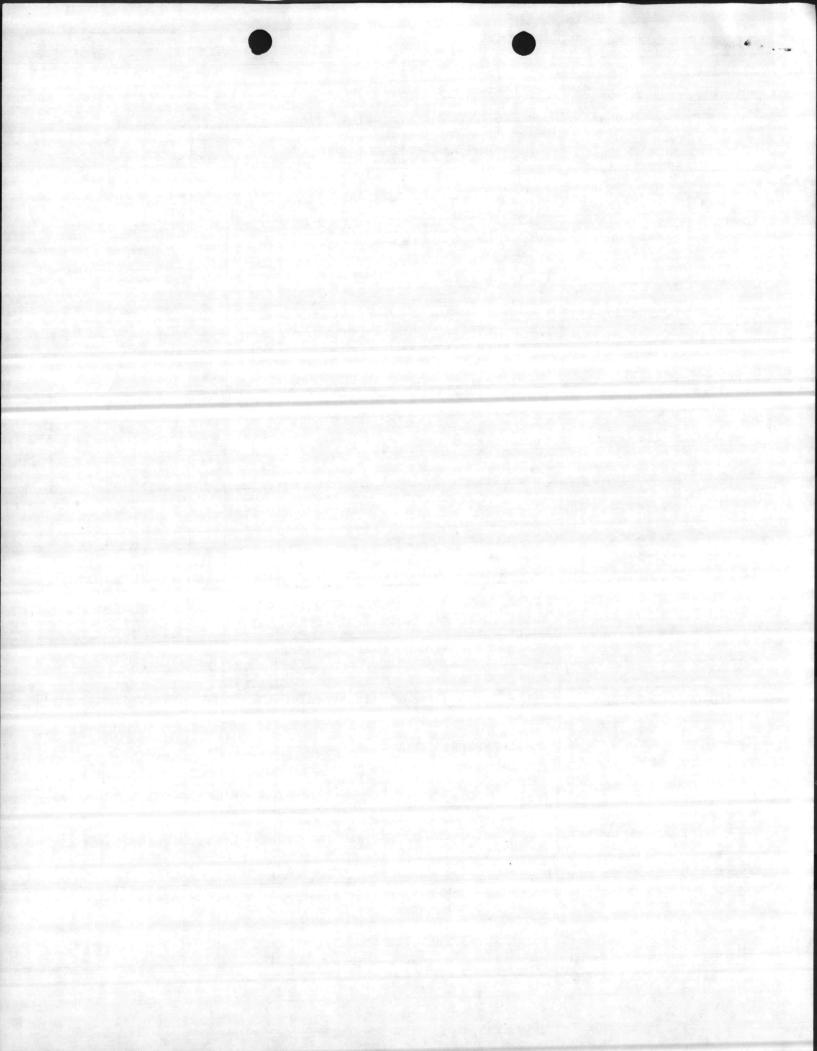
ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)						
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA	
	Parts rota bins, 3' dia. multi bin	10	EA	380	3,800	
	Battery charger, 6 & 12V selenium type; battery tester, 6 & 12V, 2.2 KW, 208V	3	EA	616	1,848	
	12"W shelving w/adj stds. 6 shelves, 36"W & 84"H	20	EA	100	2,000	
	14"W shelving w/adj stds	20	EA	176	3,520	
	Student chairs, Heywood Wakefield Mod. HC-7730-PABS-PP	32	EA	44	1,408	
7110-00-113-2744	Desk, flat top, db1 ped, 60"x30", walnut pattern, top, no overhang	3	EA	248	74	
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	9	EA	176	1,58	
7110-00-113-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	17	EA	103	1,75	
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	9	EA	193	1,73	
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	9	EA	87	78	
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	5	EA	91	45	
	Typewriter, IBM electric 13-12" carriage, carbon ribbon, 10 pitch Model 833	5	EA	781	3,90	
<b>7</b> 11 <b>0</b> –00–497–2012	Filing cabinet, 5 drawer, legal size, w/o lock	7	EA	230	1,61	
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-1/16"H	9	EA	152	1,36	
7110-00-004-6764	Bookcase, base, 33"x13"x10"H	10	EA	14.30	14	



## COLLATERAL EQUIPMENT REQUIRMENTS (Initial Outfitting) 5ND LANTDIV 4-11010/6 (NEW 2-79)

• DATE 3 APR 1980

ROJECT TITLE LECTRONICS/COMMUNICAT	TIONS MAINTENANCE SHOP (DIV HQ BN)				P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12"x14"H	42	EA	32	1,344
110-00-471-4039	Bookcase, top, 33"x13"x2½"H	10	EA	12	120
7110-00-190-7085	Chair, straight, w/o arms	50	EA	61	3,050
195-00-004-0652	Costumer, wearing apparrel, contemporary, 4 dbl hooks, round pole w/rd base	12	EA	39	468
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base	5	EA	44	220
7520-00-285-5416	Wastepaper basket, dark brown, 14½"Hx13" dia. top	20	EA	5.50	110
	Draperies	99	PR	72	648
	Draperies	4	PR	83	333
5230-00-682-3423	Desk lamp	20	EA	43	860
	Adding machine, Monroe Model 1405	5	EA	286	1,430
	Bulletin board, cork, alum frame, 4'x6'	. 7	EA	73	51
	Portable easel	2	EA	66	13
7110-00-177-4902	Table, gen. purpose (classroom) 60"x30"x29½"H	7	EA	115	80
	TOTAL EXPENSE ITEMS		l exercise		\$48,88
	Shipping, packing, handling, installation charges & contingenci	es - 1	0%		4,888
3. <u>INVESTMENT ITEMS</u>	Benches, work, electronic, 60 cyc & 400 cyc. 28V	15	EA	1,452	21,780
	Security Rack for Mechanics' tool boxes, 24 openings	4	EA	3,168	12,67
	TOTAL INVESTMENT ITEMS				\$34,45

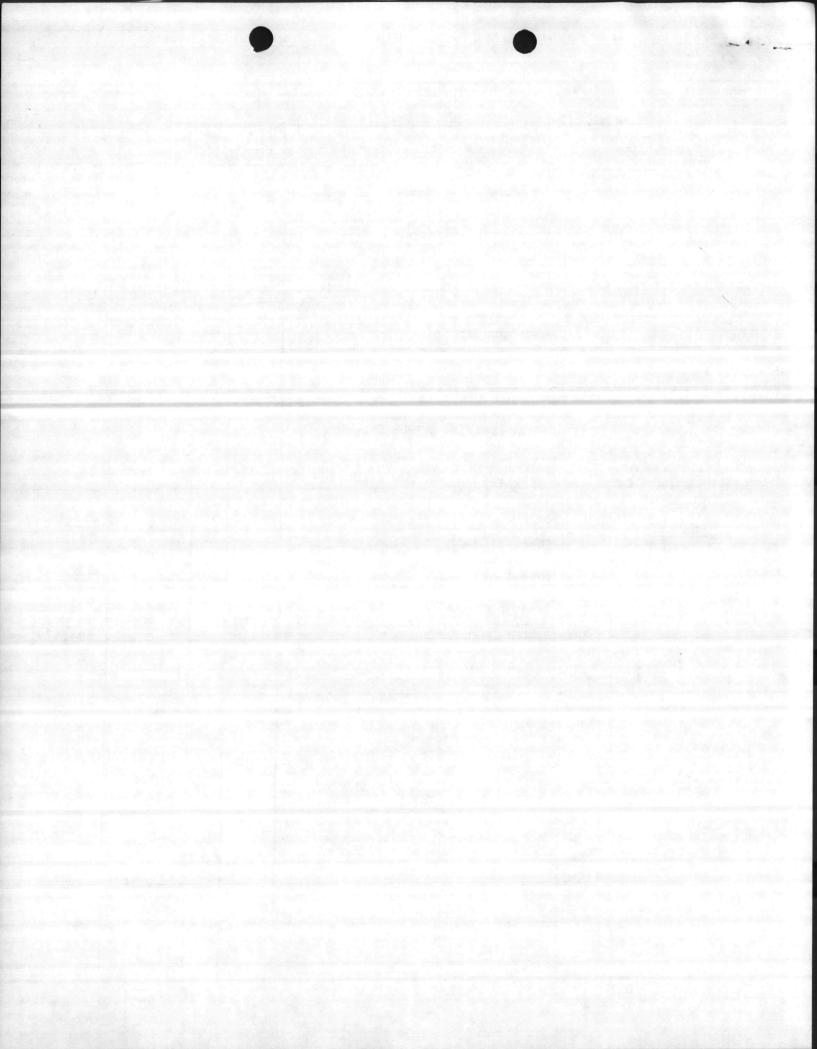


COLLATERAL EQUIPMENT REQUIR INTS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE P-175

1. ACTIVITY (Name and Location)
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

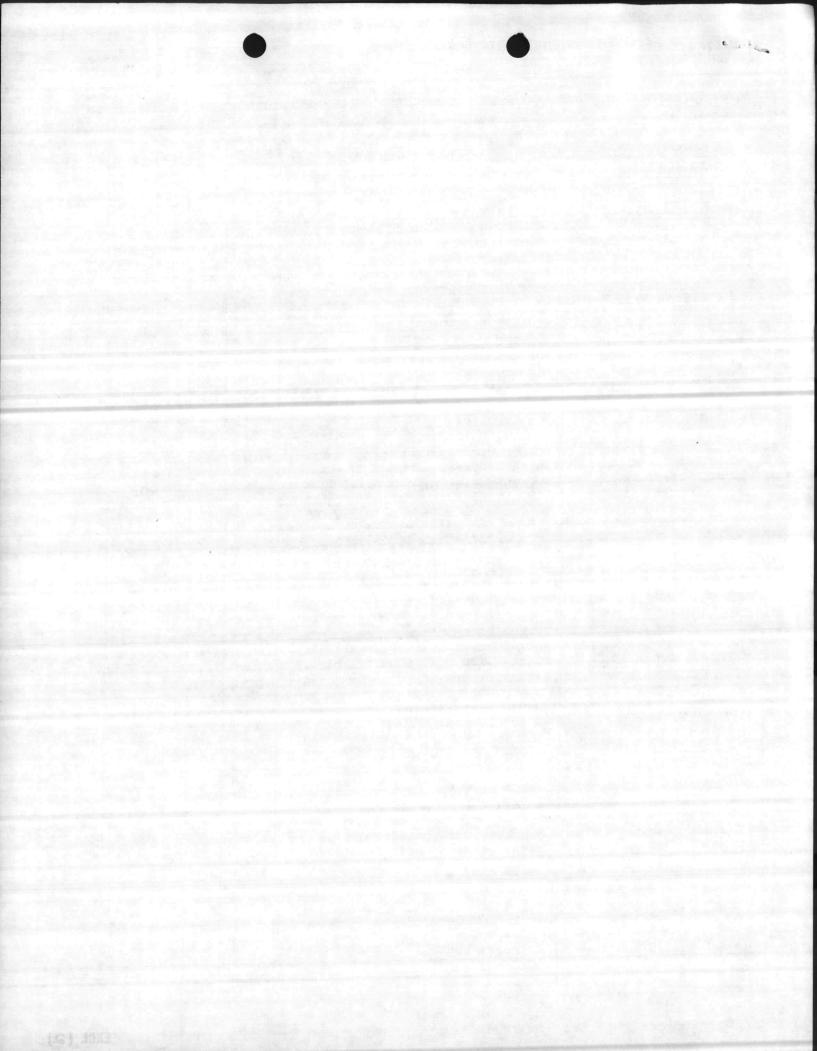
PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)						
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA	
3. INVESTMENT ITEMS	(continued)					
	Shipping, packing, handling, installation charges & contingencies - 10%				\$3,445	
4. APA EQUIPMENT	None					
5. TRAINING EQUIPME	Movie projector	2	EA	693	1,386	
	Movie screen	2	EA	132	264	
	Overhead projector	2	EA	453	906	
	TOTAL TRAINING EQUIPMENT				\$2,556	
	Shipping, packing, handling, installation charges & contingencies - 10%				255	
6. SUMMARY					\$53,771	
	Expense Cost				\$37,897	
	Investment Cost				\$ 2,811	
	Training Cost				\$94,479	
	GRAND TOTAL				394,479	
		1	+			
					10 mm m 10 mm m 10 mm m	



3 APR 1980

1. ACTIVITY (Name and Location)

PROJECT TITLE FLECTRONICS/COMMINICAT	TONS MAINTENANCE SHOP (DIV HO BN)	ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)						
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/ÉQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA			
. BUILT-IN EQUIPMENT		-						
TO BE MCON FUNDED								
TO BE HOOK TONDED	*Air-conditioning, heating, and							
	ventilating systems		EA					
			EA					
	*Plumbing system		EA					
	*Steam system (interior)		EA					
	*Compressed air system		EA					
	*Sprinkler system		EA					
	*Telephone, intercom & fire alarm							
	system		EA					
	*Drinking water coolers		EA		and the second second			
	*Crane, overhead - 5 ton capacity		EA					
	*Lockers		EA					
	*Locker-room benches, 6' long		EA					
	*Chalkboards, wall mounted		EA					
	*Board, bulletin, wall mounted		EA					
	*Counter, dispatchers		EA					
	*Blinds, Venetian		EA					
	*Exhaust system, overhead, frac-							
	tional HP, 208V, 3 phase		EA					
	*Deluge shower, w/eye wash, CW		EA					
	*Acid resistant sink, CW, w/bench		EA					
	*Exhaust hood (over) w/fraction							
	HP, 120V, 1 phase fan		EA					
	*Grounding system, electronic		EA					
	*Pass window, 4' wide, w/counter				The state of the s			
	& "B" label roll down shutter							
	w/fusible link		EA					
	*60/400 cycle electrical system		""					
	with AC/DC power bus bar and							
	그 사람들은 사람들은 사람들이 되었다면 살아야 하면 하면 하는데		EA					
	transformers	100	EA					
*Equipment with assoc	iated installation cost.			•				
2 EVDENCE THEMS	Benches, work, portable 48"x28"	15	EA	225	3,37			
2. EXPENSE ITEMS	х34"Н							
			-					
	Benches, work, portable, 72"x	1,0	EA	281	2,81			
	28"x34"H							
	Benches, work, stationary, 28"Dx	14	EA	352	4,92			
	34"H, stl top, std, lead covered							
	in battery shop							
				1 100				
	Parts bins, adj shelving, 14"x	5	EA	132	660			
	24"D							
		-		/0/	101			
	Grinder, bench 7" w/buffer wheel	1	EA	424	424			



5ND LANTDIV 4-11010/6 (NEW 2-79)

7110-00-113-9482

7110-00-113-2832

7110-00-118-8998

7110-00-113-0921

7110-00-497-2012

7125-00-764-6121

7110-00-004-6764

DATE

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9

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EA

EA

103

193

87

91

781

230

152

14.30

1.751

1,737

783

455

3,905

1,610

1,368

143

3 APR 1980

1. ACTIVITY (Name and Location) 28542 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA P. NO. PROJECT TITLE P-175 ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HO BN) UNIT COG. SYMBOL AND UNIT TOTAL QUAN-OF FED. STOCK NO. OR OTHER SOURCE ITEM/POUIPMENT DESCRIPTION COST TITY Parts rota bins, 3' dia. multi 10 EA 380 3,800 bin 616 1,848 Battery charger, 6 & 12V selenium 3 EA type; battery tester, 6 & 12V, 2.2 KW, 208V 100 2,000 20 EA 12"W shelving w/adi stds. 6 shelves, 36"W & 84"H 20 EA 176 3,520 14"W shelving w/adj stds Student chairs, Heywood Wakefield 32 EA 44 1,408 Mod. HC-7730-PABS-PP 744 Desk, flat top, db1 ped, 60"x30", 3 EA 248 7110-00-113-2744 walnut pattern, top, no overhang Desk, flat top, 45"x30" walnut 9 EA 176 1.584 7110-00-113-2817 pattern top, no overhang

Chair, rotary, tilting seat & back, adj. seat height, w/arms,

Desk, flat top, w/attach for

sec'l & gen. clerical purposes

Chair, secretarial, rotary adj.

seat height, w/arms, w/casters

Stand, office machine, 2 drop

13-12" carriage, carbon ribbon,

Filing cabinet, 5 drawer, legal

Cabinet, storage, dbl door,

Bookcase, base, 33"x13"x10"H

leaves, walnut pattern top,

Typewriter, IBM electric

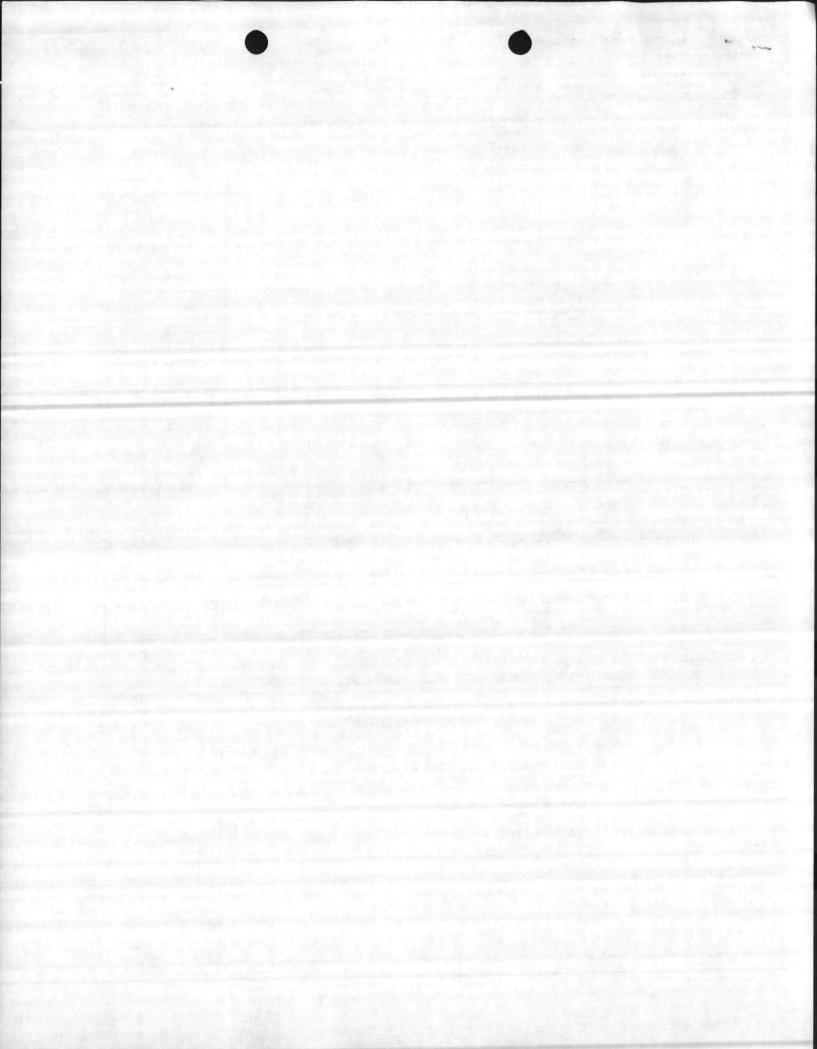
10 pitch Model 833

36"x18"x80-1/16"H

size, w/o lock

w/casters

w/casters



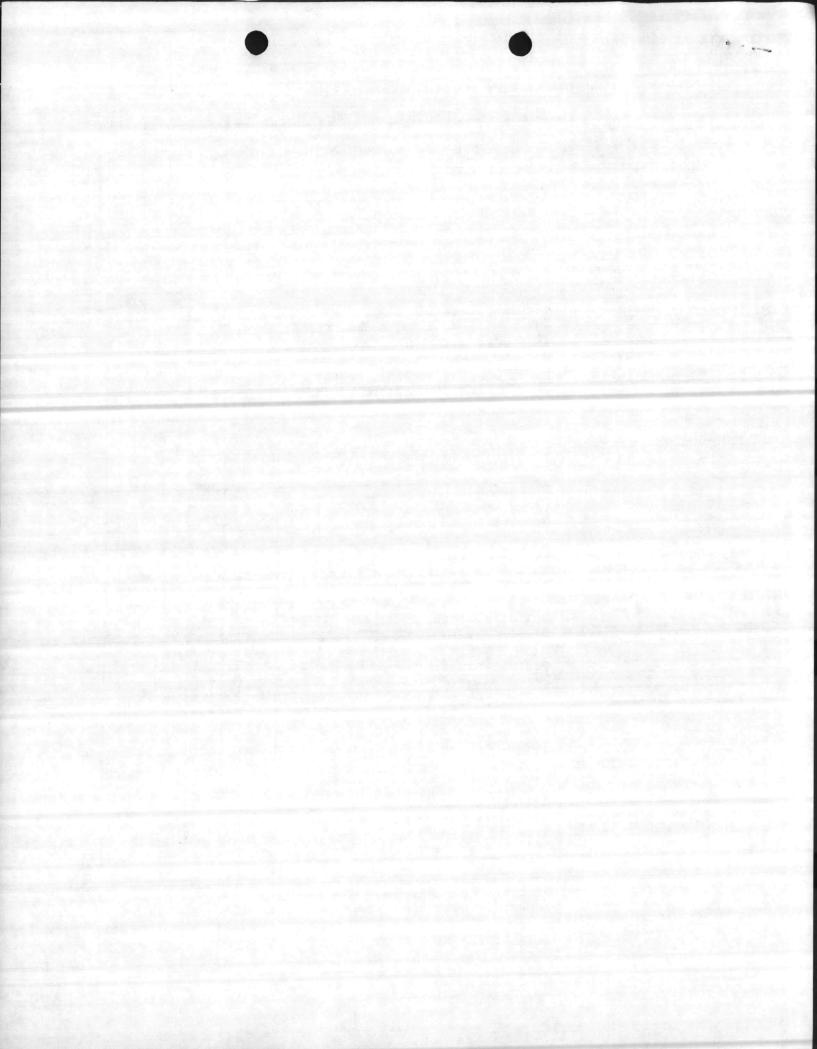
## COLLATERAL EQUIPMENT REQUIREMENTS (Initial Outfitting)

DATE

3 APR 1980

1. ACTIVITY (Name and Location)

PROJECT TITLE ELECTRONICS/COMMUNICA	TIONS MAINTENANCE SHOP (DIV HQ BN)				P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12"x14"H	42	EA	32	1,344
7110-00-471-4039	Bookcase, top, 33"x13"x2¼"H	10	EA	12	120
7110-00-190-7085	Chair, straight, w/o arms	50	EA	61	3,050
7195-00-004-0652	Costumer, wearing apparrel, contemporary, 4 dbl hooks, round pole w/rd base	12	EA	39	468
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base	5	EA	44	220
7520-00-285-5416	Wastepaper basket, dark brown, 14½"Hx13" dia. top	20	EA	5.50	110
	Draperies	99	PR	72	648
	Draperies	4	PR	83	333
6230-00-682-3423	Desk lamp	20	EA	43	860
	Adding machine, Monroe Model 1405	5	EA	286	1,430
	Bulletin board, cork, alum frame, 4'x6'	7	EA	73	51.
	Portable easel	2	EA	66	13:
7110-00-177-4902	Table, gen. purpose (classroom) 60"x30"x29 "H	7	EA	115	80.
	TOTAL EXPENSE ITEMS				\$48,88
	Shipping, packing, handling, installation charges & contingenci	es - 1	0%		4,88
3. INVESTMENT ITEMS					
	Benches, work, electronic, 60 cyc & 400 cyc. 28V	15	EA	1,452	21,78
	Security Rack for Mechanics' tool boxes, 24 openings	4	EA	3,168	12,67
	TOTAL INVESTMENT ITEMS				\$34,45



COLLATERAL EQUIPMENT REQUIRE TS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

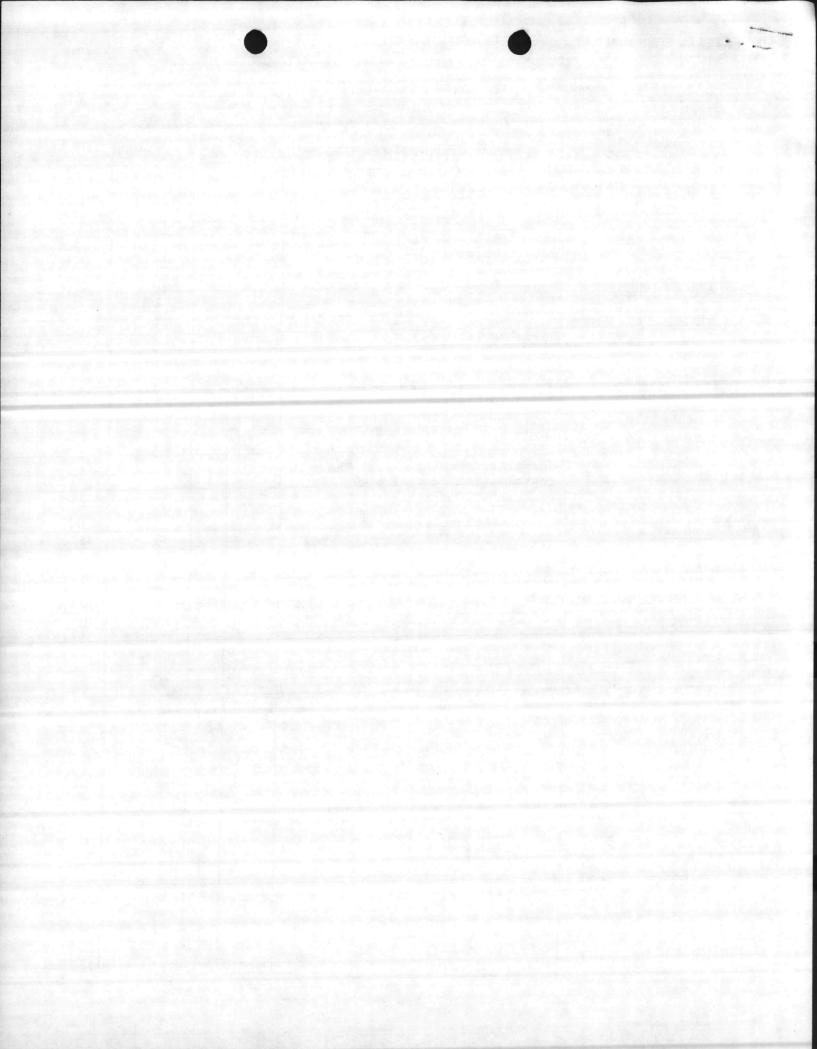
DATE

P-175

1. ACTIVITY (Name and Location)

28542

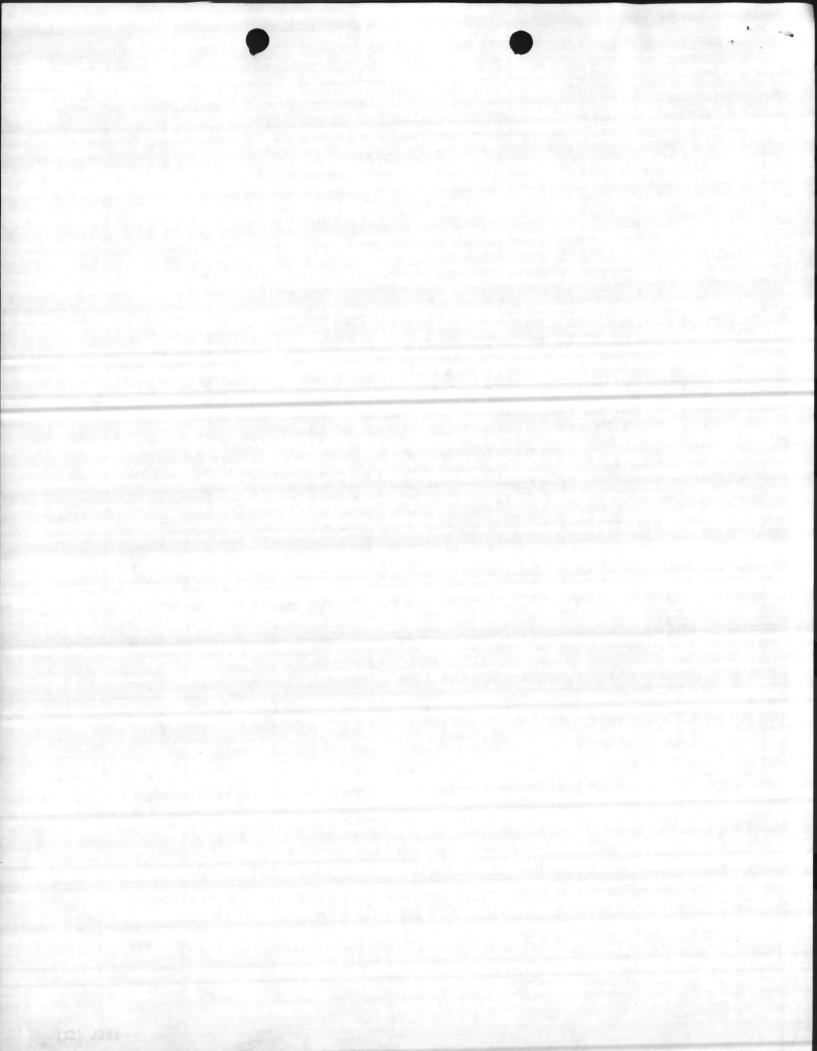
PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)						
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA	
3. INVESTMENT ITEMS	(continued)					
	Shipping, packing, handling, installation charges & contingencies - 10%				\$3,445	
4. APA EQUIPMENT	None					
5. TRAINING EQUIPME	NT			602	1 206	
	Movie projector	2	EA	693	1,386	
	Movie screen	2	EA	132	264	
	Overhead projector	2	EA	453	906	
	TOTAL TRAINING EQUIPMENT				\$2,556	
	Shipping, packing, handling, installation charges & contingencies - 10%				255	
6. SUMMARY	Expense Cost				\$53,771	
	Investment Cost				\$37,897	
					\$ 2,811	
	Training Cost					
	GRAND TOTAL				\$94,479	
				•		
				•		



3 APR 1980

1. ACTIVITY (Name and Location)

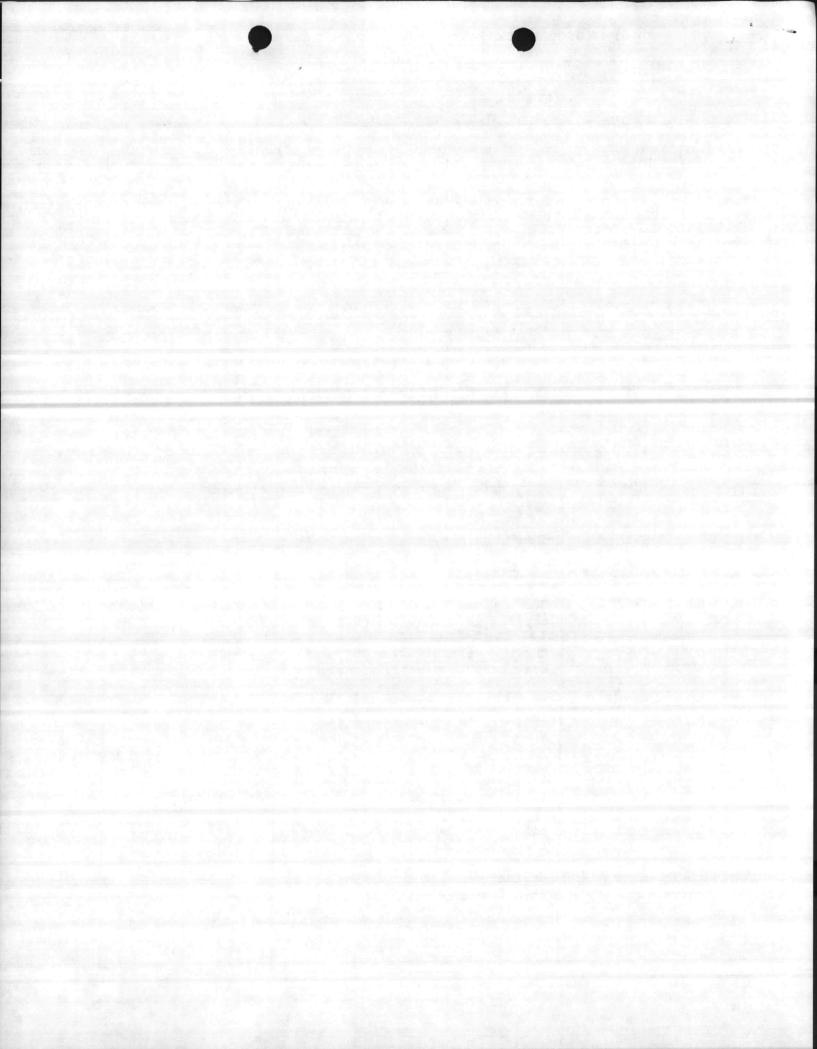
ELECTRONICS/COMMUNICAT	IONS MAINTENANCE SHOP (DIV HQ BN)			Control of the Control	P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA
1. BUILT-IN EQUIPMENT					
TO BE MCON FUNDED	Committee of the Commit				
*	*Air-conditioning, heating, and				
	ventilating systems		EA		
	*Plumbing system		EA		
	*Steam system (interior)		EA		
• ***	*Compressed air system		EA		
	*Sprinkler system		EA		
	*Telephone, intercom & fire alarm system		EA		
•	*Drinking water coolers		EA		
	*Crane, overhead - 5 ton capacity		EA		
	*Lockers		EA		
	*Locker-room benches, 6' long	100	EA		
	*Chalkboards, wall mounted		EA		
	*Board, bulletin, wall mounted		EA		
	*Counter, dispatchers		EA		
	*Blinds, Venetian		EA		
	*Exhaust system, overhead, frac-		-		
	tional HP, 208V, 3 phase		EA		
	*Deluge shower, w/eye wash, CW		EA		
	*Acid resistant sink, CW, w/bench		EA		
	*Exhaust hood (over) w/fraction				
	HP, 120V, 1 phase fan		EA		
	*Grounding system, electronic		EA		
	*Pass window, 4' wide, w/counter				
	& "B" label roll down shutter				
	w/fusible link		EA		
	*60/400 cycle electrical system				
	with AC/DC power bus bar and				
	transformers	3	EA		100
*Equipment with associ	ated installation cost.				
2. EXPENSE ITEMS	Benches, work, portable 48"x28" x34"H	15	EA	225	3,37
	Benches, work, portable, 72"x	1,0	EA	281	2,81
	28"x34"H		1		
	Benches, work, stationary, 28"Dx	14	EA	352	4,92
	34"H, stl top, std, lead covered				
	in battery shop				
were the second	Parts bins, adj shelving, 14"x 24"D	5	EA	132	660
		· · · · · · · · · · · · · · · · · · ·	The second of the second of the second		The second secon



3 APR 1980

1. ACTIVITY (Name and Location)

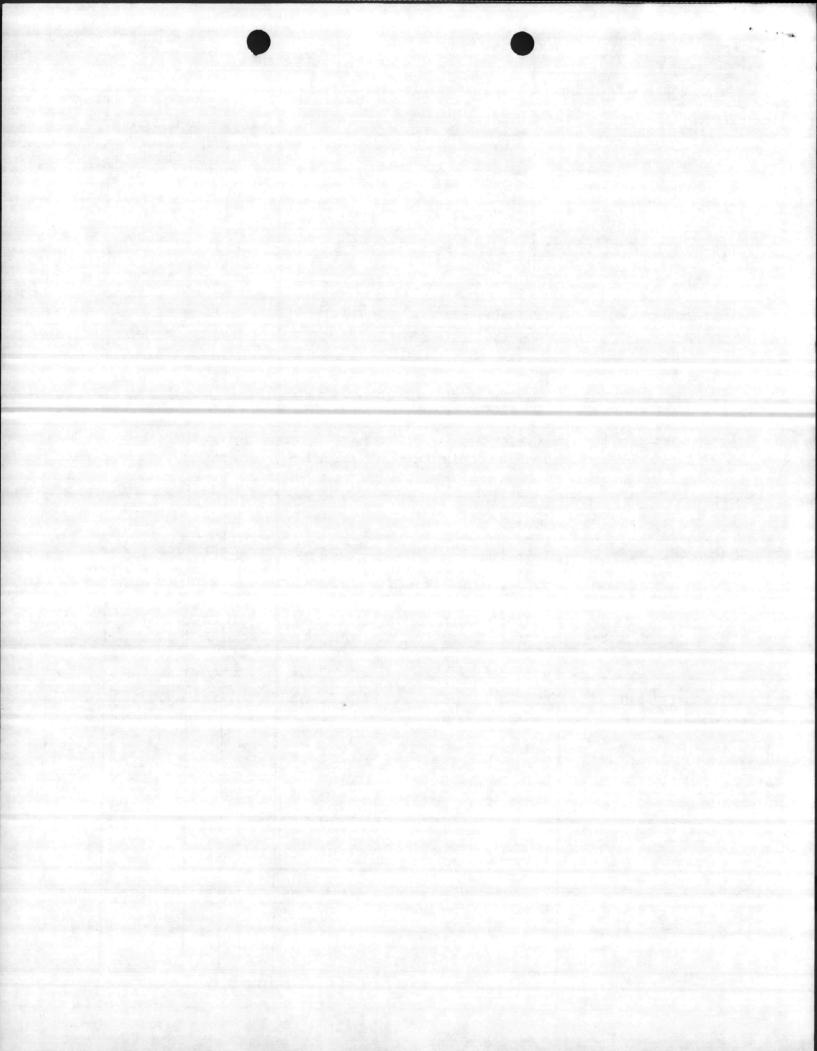
PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)					P. NO. P-175		
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	TOTA		
	Parts rota bins, 3' dia. multi bin	10	EA	380	3,800		
	Battery charger, 6 & 12V selenium type; battery tester, 6 & 12V, 2.2 KW, 208V	3	EA	616	1,848		
	12"W shelving w/adj stds. 6 shelves, 36"W & 84"H	20	EA	100	2,000		
	14"W shelving w/adj stds	20	EA	176	3,520		
	Student chairs, Heywood Wakefield Mod. HC-7730-PABS-PP	32	EA	44	1,408		
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern, top, no overhang	3	EA	248	744		
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	9	EA	176	1,58		
7110-00-113-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	17	EA	103	1,75		
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	9	EA	193	1,73		
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	9	EA	87	78		
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	5	EA	91	45		
	Typewriter, IBM electric 13-12" carriage, carbon ribbon, 10 pitch Model 833	5	EA	781	3,90		
7110-00-497-2012	Filing cabinet, 5 drawer, legal size, w/o lock	7	EA	230	1,61		
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-1/16"H	9	EA	, 152	1,36		
7110-00-004-6764	Bookcase, base, 33"x13"x10"H	10	EA	14.30	14		



3 APR 1980

1. ACTIVITY (Name and Location)

ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)					P. NO. P-175	
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN-	UNIT OF ISSUE	UNIT	COS	
7110-00-831-7430	Bookcase, section, w/o doors, 31"x12"x14"H	42	EA	32	1,34	
7110-00-471-4039	Bookcase, top, 33"x13"x2½"H	10	EA	12	120	
7110-00-190-7085	Chair, straight, w/o arms	50	EA	61	3,05	
7195-00-004-0652	Costumer, wearing apparrel, contemporary, 4 dbl hooks, round pole w/rd base	12	EA	39	46	
7195-00-004-6716	Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base	5	EA	44	22	
7520-00-285-5416	Wastepaper basket, dark brown, 14½"Hx13" dia. top	20	EA	5.50	11	
	Draperies	99	PR	72	64	
	Draperies	4	PR	83	33	
6230-00-682-3423 7110-00-177-4902	Desk lamp	20	EA	43	86	
	Adding machine, Monroe Model 1405	5	EA	286	1,43	
	Bulletin board, cork, alum frame, 4'x6'	7	EA	73	51	
	Portable.easel	2	EA	66	13	
	Table, gen. purpose (classroom) 60"x30"x29½"H	7	EA	115	80	
	TOTAL EXPENSE ITEMS				\$48,88	
	Shipping, packing, handling, installation charges & contingenci	es <b>-</b> 1	0%		4,88	
3. <u>INVESTMENT ITEMS</u>		1.5	1	1 /50	01 70	
	Benches, work, electronic, 60 cyc & 400 cyc. 28V	15	EA	1,452	21,78	
	Security Rack for Mechanics' tool boxes, 24 openings	4	EA	3,168	12,67	
	TOTAL INVESTMENT ITEMS				\$34,45	



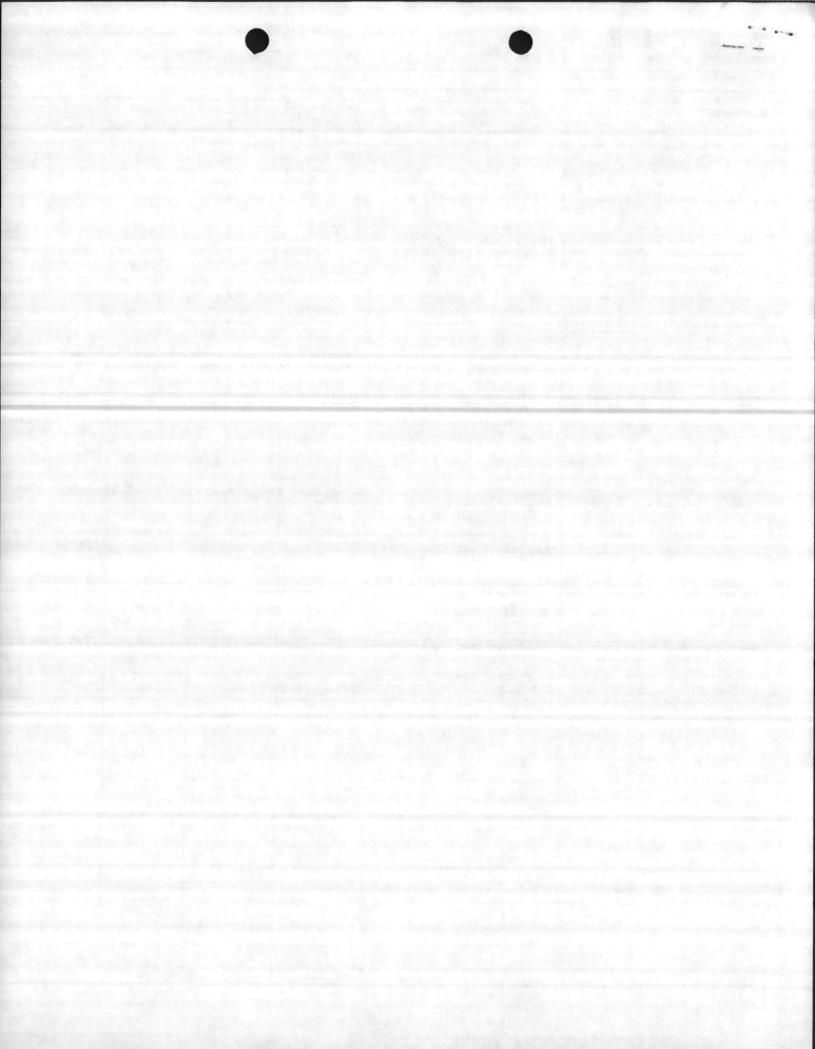
COLLATERAL EQUIPMENT REQUIR NTS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE

P-175

1: ACTIVITY (Name and Location)

PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)					
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT PRICE	TOTA
3. INVESTMENT ITEMS  4. APA EQUIPMENT	(continued)  Shipping, packing, handling, installation charges & contingencies - 10%  None				\$3,445
THE PROPERTY OF THE PARTY OF TH			1		
5. TRAINING EQUIPMEN	Movie projector	2	EA	693	1,386
	Movie screen	2	EA	132	264
	Overhead projector	2	EA	453	906
	TOTAL TRAINING EQUIPMENT				\$2,556
	Shipping, packing, handling, installation charges & contingencies - 10%				255
6. SUMMARY	Expense Cost				\$53,771
	Investment Cost				\$37,897
	Training Cost				\$ 2,811
	GRAND TOTAL				\$94,479
			1 1 100		



COLLETERAL EQUIPMENT REQUIREMENTS (Initial Outfitting) 5ND LANTDIV 4-11010/6 (NEW 2-79)

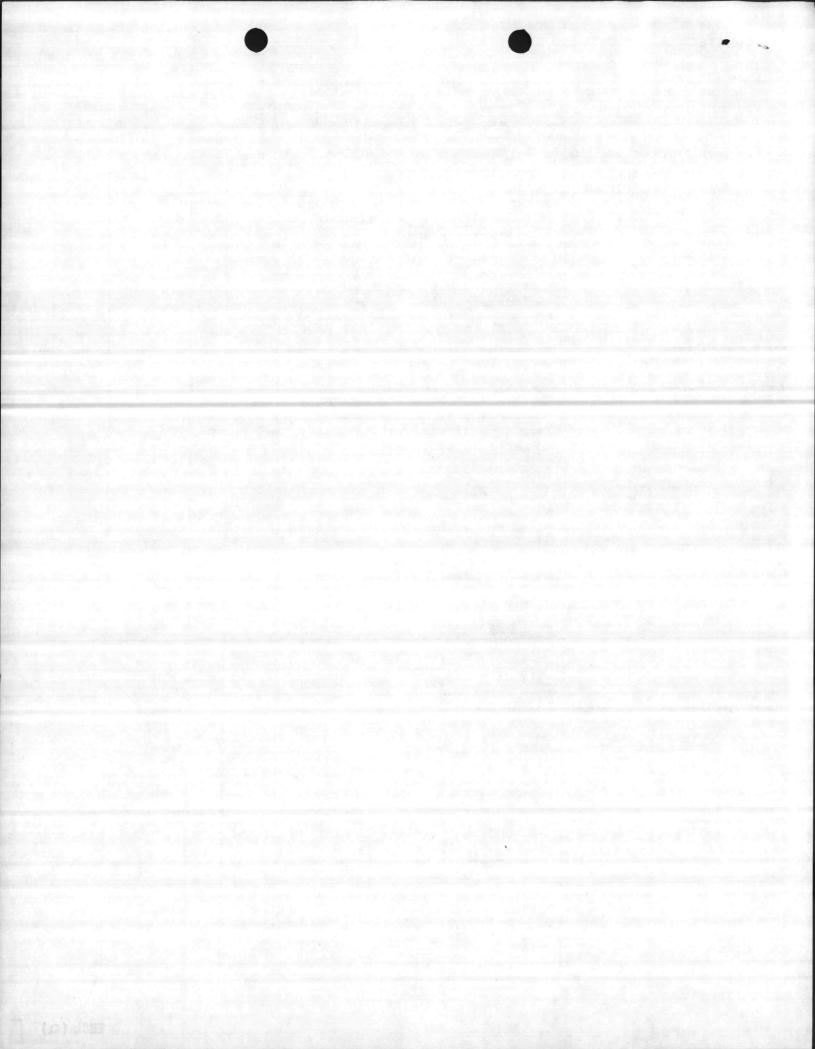
DATE

3 APR 1980

1. ACTIVITY (Name and Location)

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA P. NO. 2. PROJECT TITLE P-175 ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN) UNIT COG. SYMBOL AND QUAN-UNIT TOTAL ITEM/FOUIPMENT DESCRIPTION OF FED. STOCK NO. OR PRICE COST TITY ISSUE OTHER SOURCE BUILT-IN EQUIPMENT TO BE MCON FUNDED \*Air-conditioning, heating, and ventilating systems EA EA \*Plumbing system EA \*Steam system (interior) EA \*Compressed air system EA \*Sprinkler system \*Telephone, intercom & fire alarm EA system EA \*Drinking water coolers EA \*Crane, overhead - 5 ton capacity EA \*Lockers EA \*Locker-room benches, 6' long EA \*Chalkboards, wall mounted EA \*Board, bulletin, wall mounted \*Counter, dispatchers EA EA \*Blinds, Venetian \*Exhaust system, overhead, fractional HP, 208V, 3 phase EA EA \*Deluge shower, w/eye wash, CW \*Acid resistant sink, CW, w/bench EA \*Exhaust hood (over) w/fraction EA HP, 120V, 1 phase fan \*Grounding system, electronic EA \*Pass window, 4' wide, w/counter & "B" Label roll down shutter EA w/fusible link \*60/400 cycle electrical system with AC/DC power bus bar and transformers EA \*Equipment with associated installation cost. Benches, work, portable 48"x28" 15 EA 225 3,375 2. EXPENSE ITEMS x34"H 10 EA 281 2,810 Benches, work, portable, 72"x 28"x34"H Benches, work, stationary, 28"Dx 14 EA 352 4,928 34"H, stl top, std, lead covered in battery shop 5 EA 132 660 Parts bins, adj shelving, 14"x Grinder, bench 7" w/buffer wheel 424 1 EA 424

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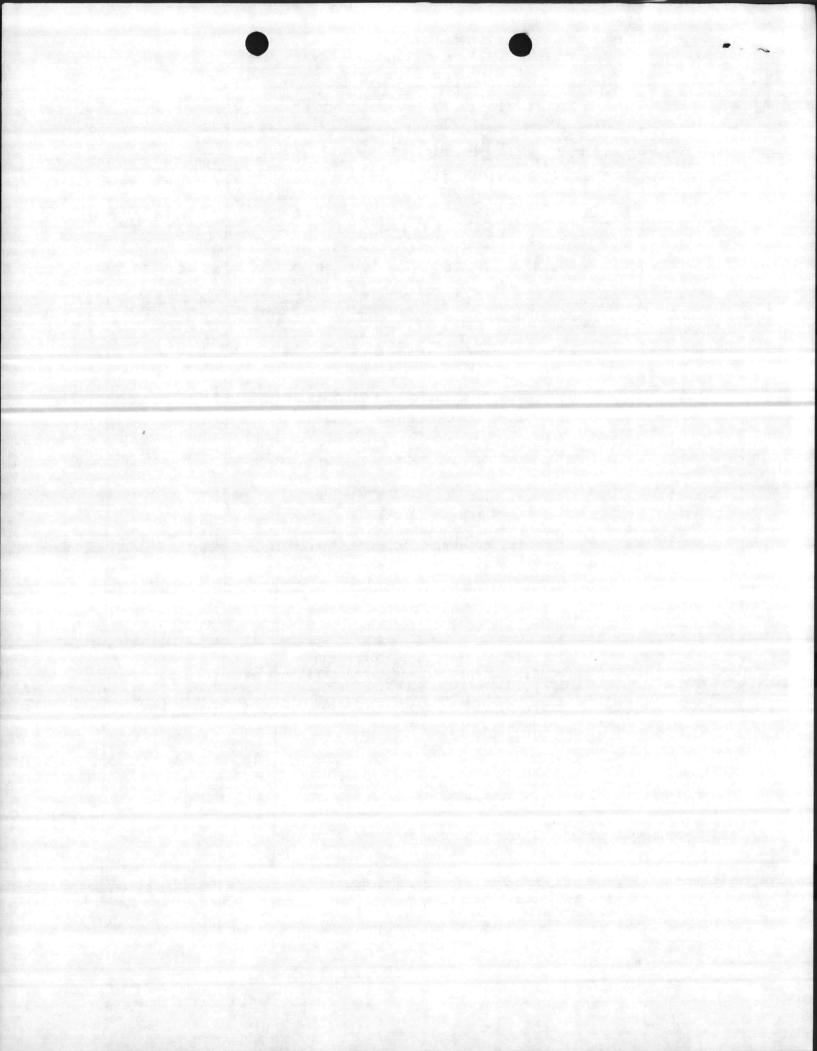
COLLATERAL EQUIPMENT REQUIR ENTS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

DATE

3 APR 1980

1. ACTIVITY (Name and Location)

PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)					P. NO. P-175		
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	ITEM/EQUIPMENT DESCRIPTION	QUAN- TITY	UNIT OF ISSUE	UNIT	COS		
	Parts rota bins, 3' dia. multi bin	10	EA	380	3,800		
	Battery charger, 6 & 12V selenium type; battery tester, 6 & 12V, 2.2 KW, 208V	3	EA	616	1,848		
	12"W shelving w/adj stds. 6 shelves, 36"W & 84"H	20	EA	100	2,000		
	14"W shelving w/adj stds	20	EA	176	3,520		
	Student chairs, Heywood Wakefield Mod. HC-7730-PABS-PP	32	EA	44	1,40		
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern, top, no overhang	3	EA	248	744		
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	9	EA	176	1,58		
7110-00-113-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters	17	EA	103	1,75		
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	9	EA	193	1,73		
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	9	EA	87	78		
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters	5	EA	91	45		
	Typewriter, IBM electric 13-12" carriage, carbon ribbon, 10 pitch Model 833	5	EA	781	3,90		
7110-00-497-2012	Filing cabinet, 5 drawer, legal size, w/o lock	7	EA	230	1,61		
7125-00-764-6121	Cabinet, storage, dbl door, 36"x18"x80-1/16"H	9	EA	152	1,36		
7110-00-004-6764	Bookcase, base, 33"x13"x10"H	10	EA	14.30	14		



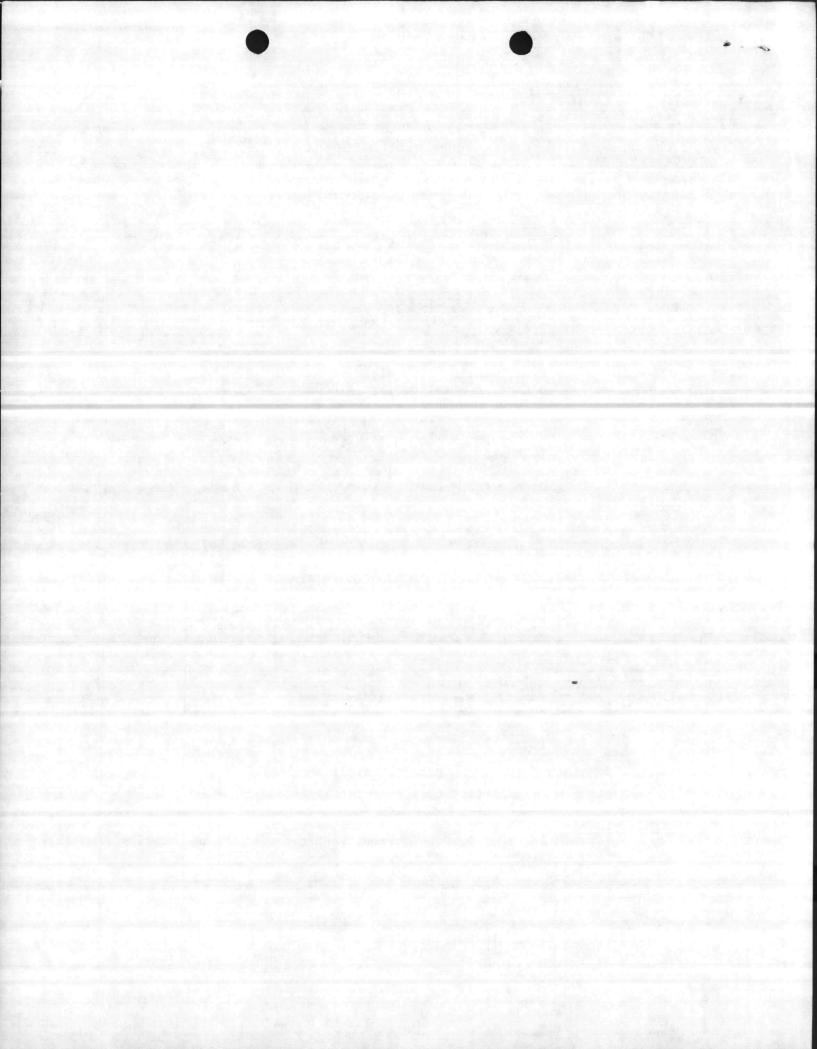
# COLLATERAL EQUIPMENT REQUIR ENTS (Initial Outfitting)

3 APR 1980

1. ACTIVITY (Name and Location)

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

P. NO. P-175 ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN) UNIT COG. SYMBOL AND QUAN-UNIT TOTAL FED. STOCK NO. OR OTHER SOURCE OF ITEM/EQUIPMENT DESCRIPTION PRICE TITY COST 1,344 42 EA 32 Bookcase, section, w/o doors, 7110-00-831-7430 31"x12"x14"H Bookcase, top, 33"x13"x21"H 120 10 EA 12 7110-00-471-4039 61 3.050 Chair, straight, w/o arms 50 EA 7110-00-190-7085 12 EA 3.9 468 Costumer, wearing apparrel, 7195-00-004-0652 contemporary, 4 dbl hooks, round pole w/rd base 5 EA 44 220 7195-00-004-6716 Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base 20 EA 5.50 110 7520-00-285-5416 Wastepaper basket, dark brown, 14½"Hx13" dia. top 72 648 19 PR Draperies PR 83 332 4 Draperies 20 EA 43 860 6230-00-682-3423 Desk lamp 286 1,430 5 EA Adding machine, Monroe Model 1405 511 73 7 EA Bulletin board, cork, alum frame, 4'x6' 2 132 Portable .easel EA 66 Table, gen. purpose (classroom) 7 805 7110-00-177-4902 EA 115 60"x30"x291/2"H \$48,883 TOTAL EXPENSE ITEMS Shipping, packing, handling, installation charges & contingencies - 10% 4,888 INVESTMENT ITEMS 15 EA 1.452 21,780 Benches, work, electronic, 60 cyc & 400 cyc. 28V EA Security Rack for Mechanics' tool 4 3,168 12,672 boxes, 24 openings \$34,452 TOTAL INVESTMENT ITEMS



COLLATERAL EQUIPMENT REQUIRE ITS (Initial Outfitting)
5ND LANTDIV 4-11010/6 (NEW 2-79)

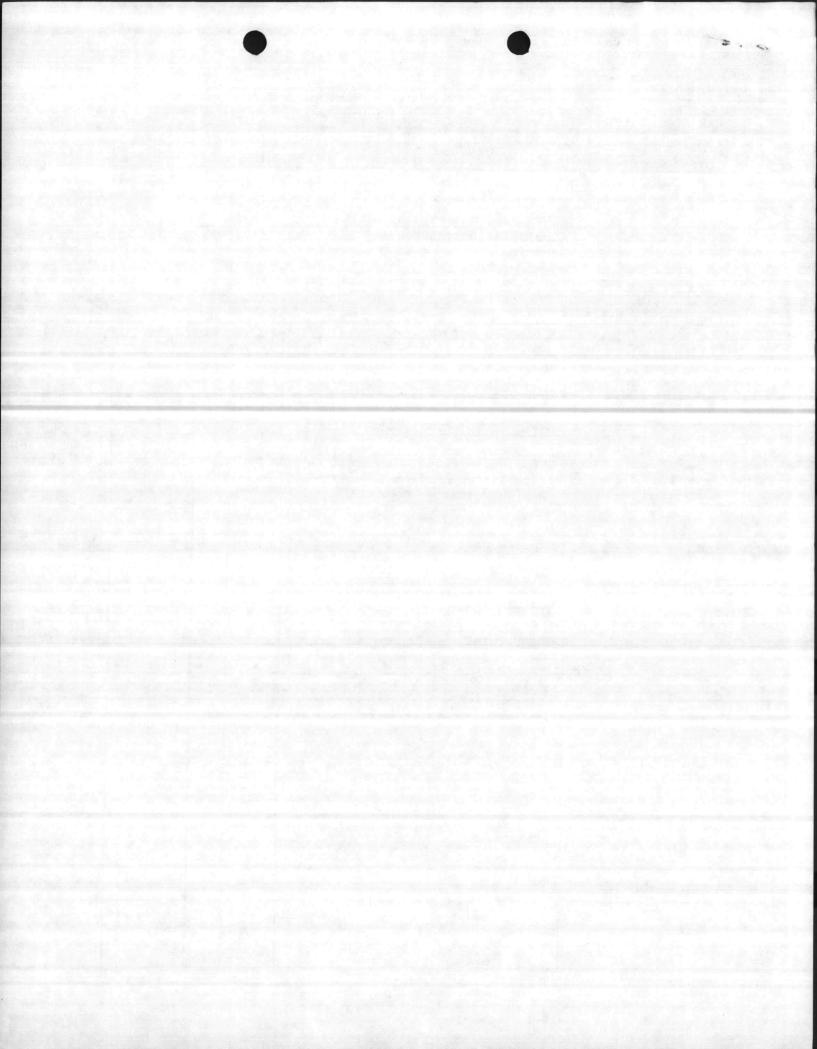
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DATE

P-175

1. ACTIVITY (Name and Location)
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

ROJECT TITLE	UNICATIONS MAINTENANCE SHOP (DIV HQ BN	)			P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. O OTHER SOURCE		OHAN			TOTAL
3. INVESTMENT I	TEMS (continued)				
	Shipping, packing, handling, installation charges & contingencies - 10%				\$3,445
4. APA EQUIPMEN	<u>T</u> None				
5. TRAINING EQU	IPMENT				1 200
	Movie projector	2	EA	693	1,386
	Movie screen	2	EA	132	264
	Overhead projector	2	EA	453	906
	TOTAL TRAINING EQUIPMENT				\$2,556
	Shipping, packing, handling, installation charges & contingencies - 10%				255
6. SUMMARY	Expense Cost				\$53,771
	Investment Cost				\$37,897
	Training Cost				\$ 2,811
	GRAND TOTAL				\$94,479
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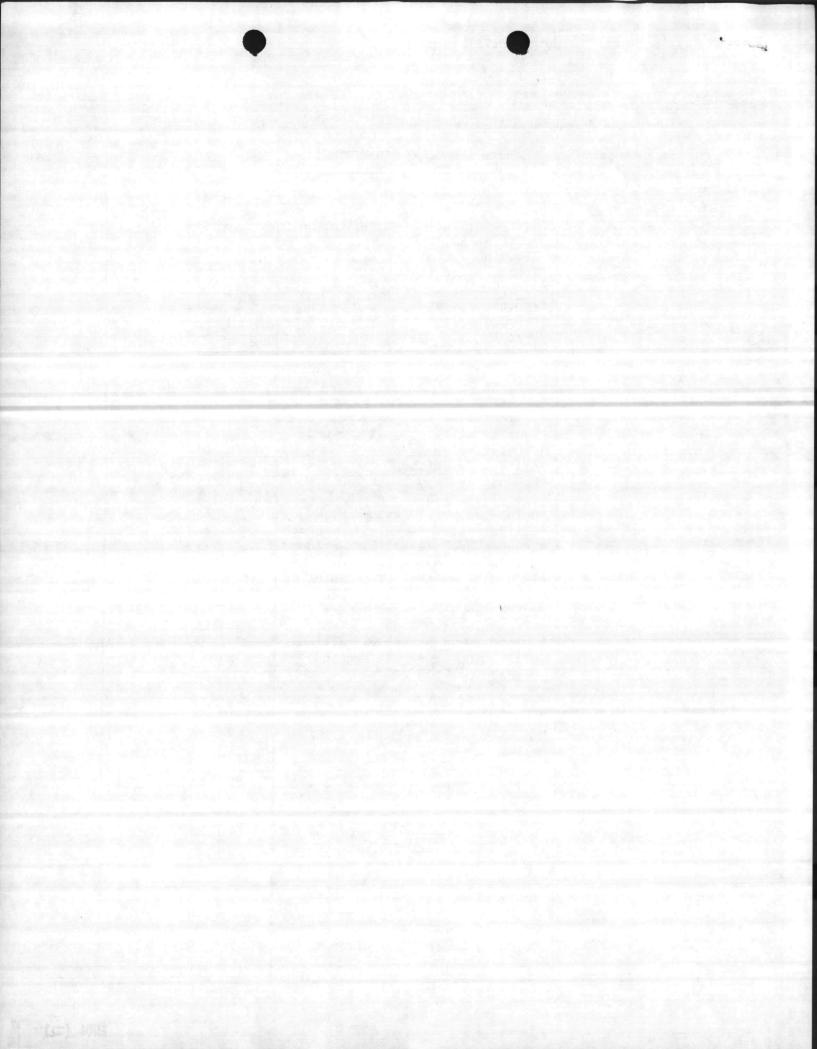
3 APR 1980

1. ACTIVITY (Name and Location)

		MARINE	CORPS	BASE,	CAMP	LEJEUNE,	NORTH	CAROLINA	28542	
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ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN)						
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE			QUAN- TITY OF ISSUE		TOTA	
. BUILT-IN EQUIPMENT						
TO BE MCON FUNDED						
10 21 110011 1 011012	*Air-conditioning, heating, and					
	ventilating systems		EA			
	*Plumbing system		EA			
4.1	*Steam system (interior)		EA		11	
	[1] [10:40] [2] [10:20] [10:2		EA			
	*Compressed air system		EA			
	*Sprinkler system		EA			
	*Telephone, intercom & fire alarm					
	system		EA			
	*Drinking water coolers		EA			
	*Crane, overhead - 5 ton capacity		EA		8 8 9	
	*Lockers		EA			
	*Locker-room benches, 6' long		EA			
	*Chalkboards, wall mounted		EA			
	*Board, bulletin, wall mounted		EA			
	*Counter, dispatchers		EA			
	*Blinds, Venetian		FA			
	*Exhaust system, overhead, frac-					
	tional HP, 208V, 3 phase		EA			
	*Deluge shower, w/eye wash, CW		EA			
	경우 마이트 보다 보고 있다고 되었다. 그는 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있다. 그리고 있는데 그리고 있는데 그리고 있는데 그리고 있다. 그리고 있는데 그리고 있는데 그리고 있다.		EA			
	*Acid resistant sink, CW, w/bench		EA			
	*Exhaust hood (over) w/fraction		FA			
	HP, 120V, 1 phase fan	uttapi enit	EA			
	*Grounding system, electronic		EA			
	*Pass window, 4' wide, w/counter					
	& "B" label roll down shutter					
	w/fusible link		EA			
	*60/400 cycle electrical system					
	with AC/DC power bus bar and					
	transformers		EA			
*Equipment with assoc	iated installation cost.					
2. EXPENSE ITEMS	Benches, work, portable 48"x28"	15	EA	225	3,37	
Z. EATENSE TIEMS	х34"Н					
	Benches, work, portable, 72"x	1,0	EA	281	2,81	
		10	LA	201	2,01	
	28"x34"H					
	n 1 colle	11	F.4	250	, , , ,	
	Benches, work, stationary, 28"Dx	14	EA	352	4,92	
	34"H, stl top, std, lead covered					
	in battery shop				The what con-	
	Posts bing old shall-ton 1/11-	5	EA	132	660	
	Parts bins, adj shelving, 14"x	)	EA	132	000	
	24"D					
	Grinder, bench 7" w/buffer wheel	1	EA	424	424	
	I CHINGON DONOR / TI/BUTTOY WHOO!					

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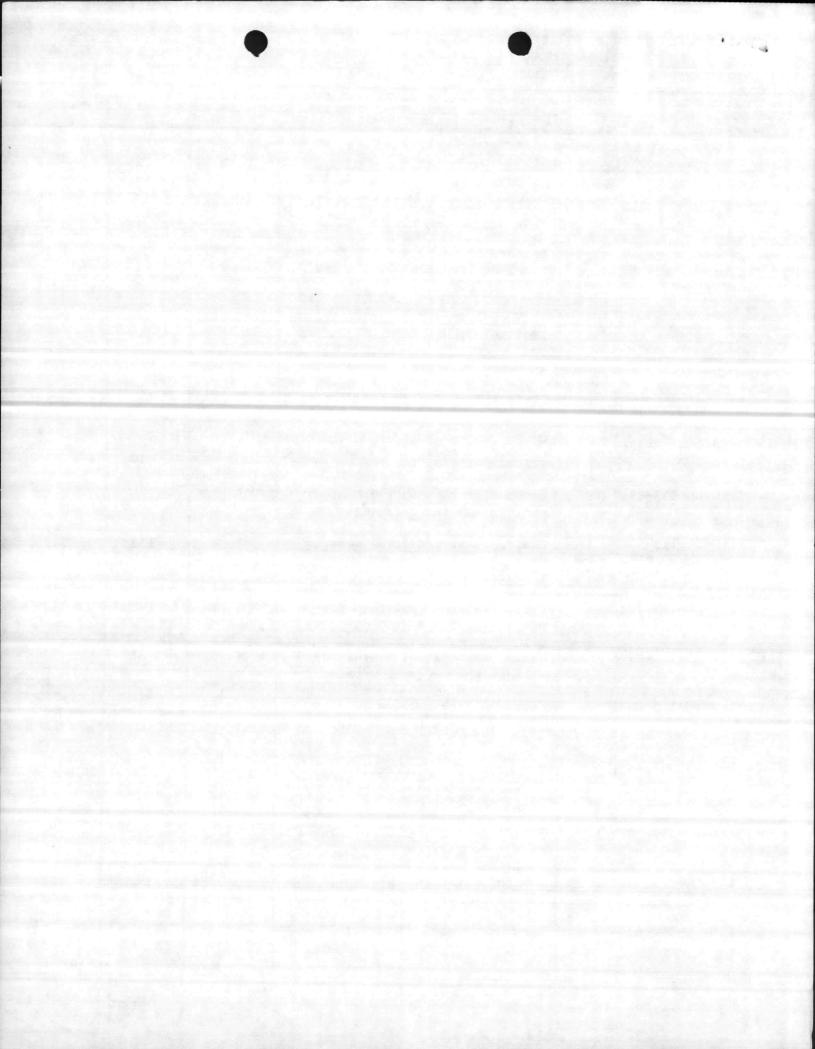
DATE

3 APR 1980

1. ACTIVITY (Name and Location)

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

PROJECT TITLE ELECTRONICS/COMMUNICA	TIONS MAINTENANCE SHOP (DIV HQ BN)				P. NO. P-175
COG. SYMBOL AND FED. STOCK NO. OR OTHER SOURCE	SYMBOL AND STOCK NO. OR ITEM/EQUIPMENT DESCRIPTION		UNIT OF ISSUE	UNIT	TOT
	Parts rota bins, 3' dia. multi bin	10	EA	380	3,80
	Battery charger, 6 & 12V selenium type; battery tester, 6 & 12V, 2.2 KW, 208V	3	EA	616	1,84
	12"W shelving w/adj stds. 6 shelves, 36"W & 84"H	20	EA	100	2,00
	14"W shelving w/adj stds	20	EA	176	3,52
	Student chairs, Heywood Wakefield Mod. HC-7730-PABS-PP	32	EA	44	1,40
7110-00-113-2744	Desk, flat top, dbl ped, 60"x30", walnut pattern, top, no overhang		EA	248	74
7110-00-113-2817	Desk, flat top, 45"x30" walnut pattern top, no overhang	9	EA	176	1,58
7110-00-113-9482	Chair, rotary, tilting seat & back, adj. seat height, w/arms, w/casters		EA	103	1,75
7110-00-113-2832	Desk, flat top, w/attach for sec'l & gen. clerical purposes	9	EA	193	1,73
7110-00-118-8998	Chair, secretarial, rotary adj. seat height, w/arms, w/casters	9	EA	87	78
7110-00-113-0921	Stand, office machine, 2 drop leaves, walnut pattern top, w/casters		EA	91	45
	Typewriter, IBM electric 13-12" carriage, carbon ribbon, 10 pitch Model 833	5	EA	781	3,90
7±10-00-497-2012	Filing cabinet, 5 drawer, legal size, w/o lock		EA	230	1,61
7125-00-764-6121	Cabinet, storage, db1 door, 36"x18"x80-1/16"H	9	EA	152	1,36
7110-00-004-6764	Bookcase, base, 33"x13"x10"H	10	EA	14.30	14



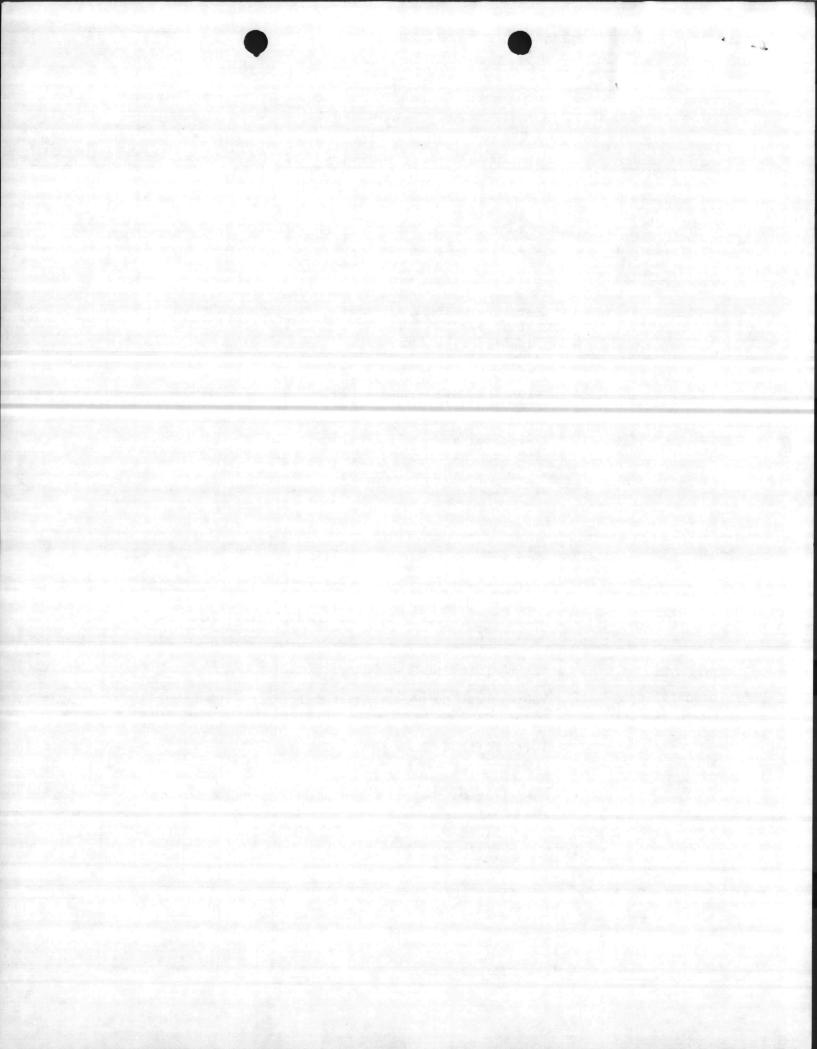
DATE

3 APR 1980

1. ACTIVITY (Name and Location)

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

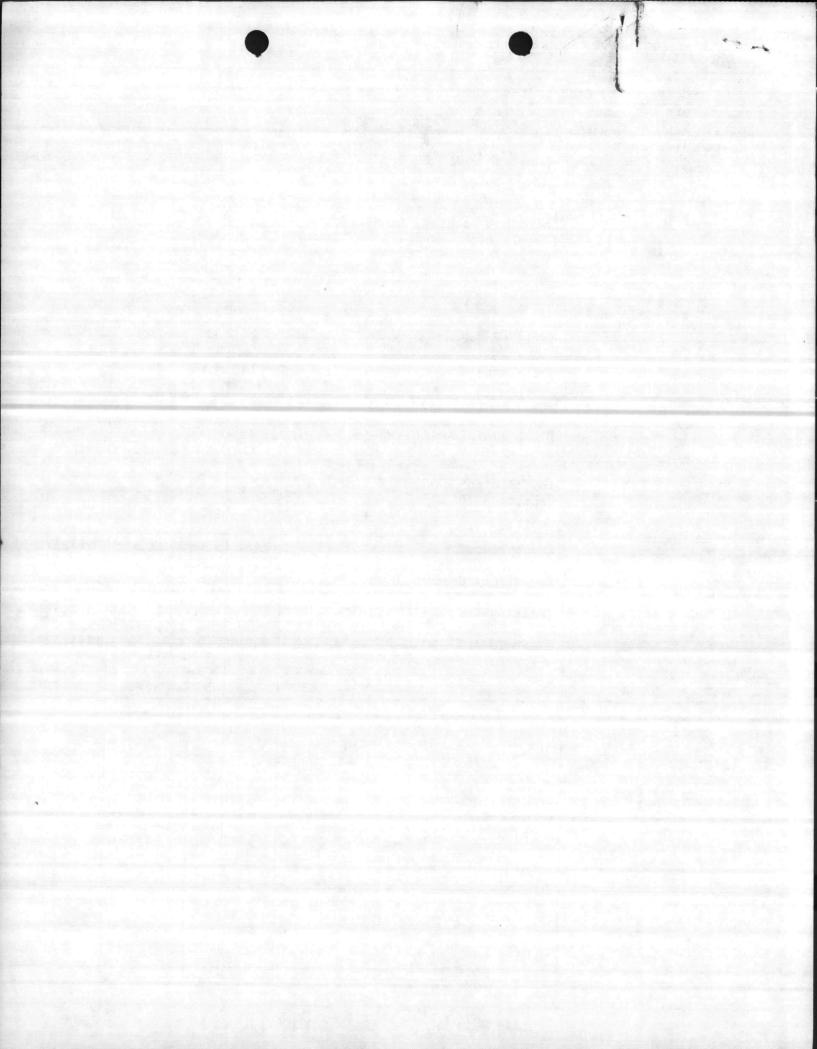
P. NO. ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HO BN) P-175 UNIT COG. SYMBOL AND TOTAL UNIT QUAN-OF ITEM/POUIPMENT DESCRIPTION FED. STOCK NO. OR OTHER SOURCE PRICE COST TITY 32 1,344 Bookcase, section, w/o doors. 42 EA 7110-00-831-7430 31"x12"x14"H 10 EA 12 120 Bookcase, top, 33"x13"x214"H 7110-00-471-4039 50 EA 3,050 Chair, straight, w/o arms 61 7110-00-190-7085 EA 39 468 12 7195-00-004-0652 Costumer, wearing apparrel, contemporary, 4 dbl hooks, round pole w/rd base 44 220 5 EA 7195-00-004-6716 Rack, wearing apparel, contemporary, 6 metal hangers, 78"Hx 30"Lx20"D at base 5.50 20 EA 110 Wastepaper basket, dark brown, 7520-00-285-5416 145"Hx13" dia. top 648 19 PR 72 Draperies 83 PR 332 Draperies 43 860 20 EA Desk lamp 6230-00-682-3423 286 1,430 5 EA Adding machine, Monroe Model 1405 511 73 7 EA Bulletin board, cork, alum frame, 4'x6' 132 2 EA 66 Portable easel 7 805 Table, gen. purpose (classroom) EA 115 7110-00-177-4902 60"x30"x2912"H \$48,883 TOTAL EXPENSE ITEMS Shipping, packing, handling, installation charges & contingencies - 10% 4,888 INVESTMENT ITEMS 1,452 Benches, work, electronic, 60 cyc 15 EA 21,780 & 400 cyc. 28V 4 EA 3,168 12,672 Security Rack for Mechanics' tool boxes, 24 openings \$34,452 TOTAL INVESTMENT ITEMS



# COLLATERAL EQUIPMENT REQUIRE TS (Initial Outfitting) SND LANTDIV 4-11010/6 (NEW 2-79)

DATE P-175

1. ACTIVITY (Name and Location) MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 P. NO. 2. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP (DIV HQ BN) P-175 UNIT UNIT COG. SYMBOL AND QUAN-TOTAL OF ITEM/EQUIPMENT DESCRIPTION FED. STOCK NO. OR OTHER SOURCE COST (continued...) INVESTMENT ITEMS Shipping, packing, handling, installation charges & \$3,445 contingencies - 10% APA EQUIPMENT None TRAINING EQUIPMENT EA 693 1,386 2 Movie projector 132 264 2 EA Movie screen 906 453 2 EA Overhead projector \$2,556 TOTAL TRAINING EQUIPMENT 255 Shipping, packing, handling, installation charges & contingencies - 10% SUMMARY \$53,771 Expense Cost \$37,897 Investment Cost \$ 2,811 Training Cost \$94,479 GRAND TOTAL



#### DEPARTMENT OF THE NAVY

### UNITED STATES MARINE CORPS

### ENVIRONMENTAL IMPACT ASSESSMENT

ELECTRONIC/COMMUNICATIONS MAINTENANCE SHOP
(Project Title)

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542 (Military Installation)

1 JUNE 1979 (Date)

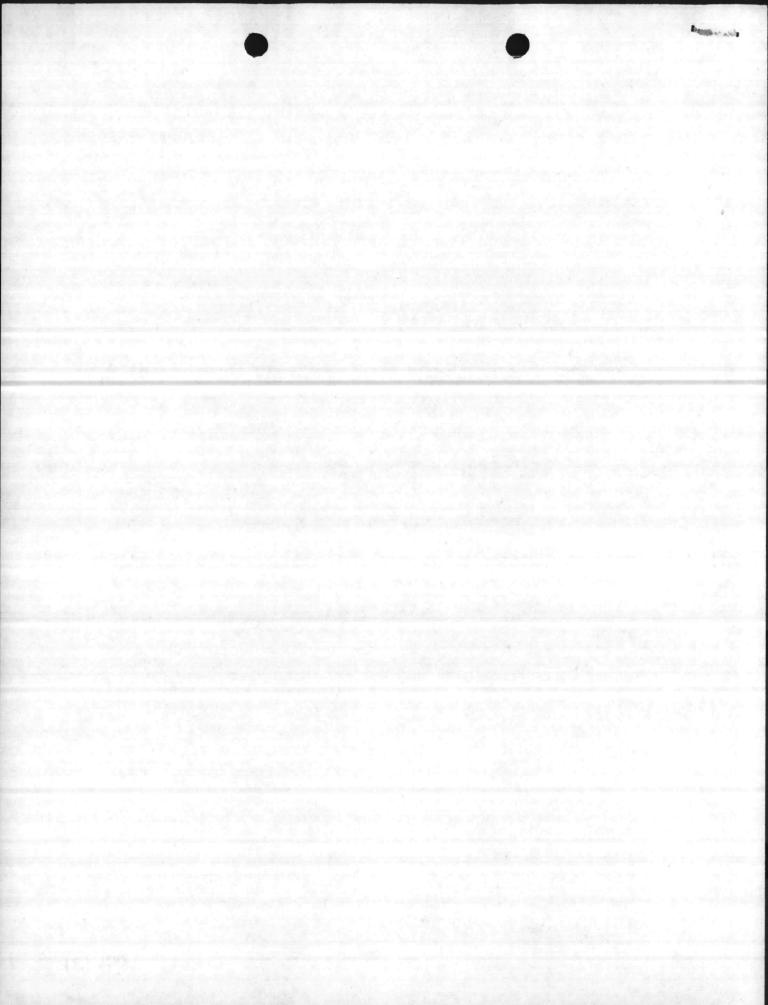
Prepared by: R. L. PRUETT

Approved by:

R. L. PRUETT, CAPT., G-4, 2D MARDIV (Title)

(Chairman, Environmental Impact Review Board)

(Installation Commander or Representative)



## ENVIRONMENTAL IMPACT ASSESSMENT

Submitting DoD Component: Department of the Navy

Installation: Marine Corps Base, Camp Lejeune, N. C. 28542

Project Title:

O and

Date of Submission: JUN 3 0 1979

### 1. Introduction

a. Project Description: The project consists of constructing a
Structure to serve as an electronic/communication maintenance
facility for an infantry regiment. The environs will be landscaped with grass and shrubs included. There will be walks and parking
areas included in the project to serve the occupants. Steam
service will be provided from the Camp's Central Plant.

b.

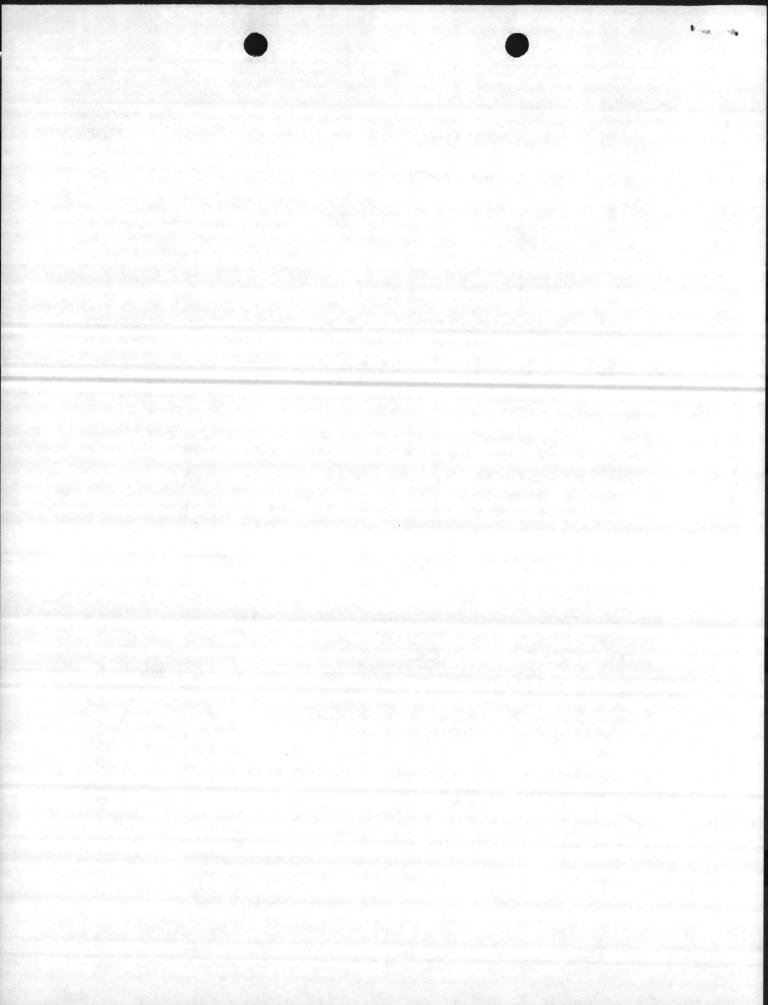
2. Relationship of Proposed Action to Land Use Plans, Policies and
Controls for the Affected Area:

Conforms No Plans Conflicts
With For Area With

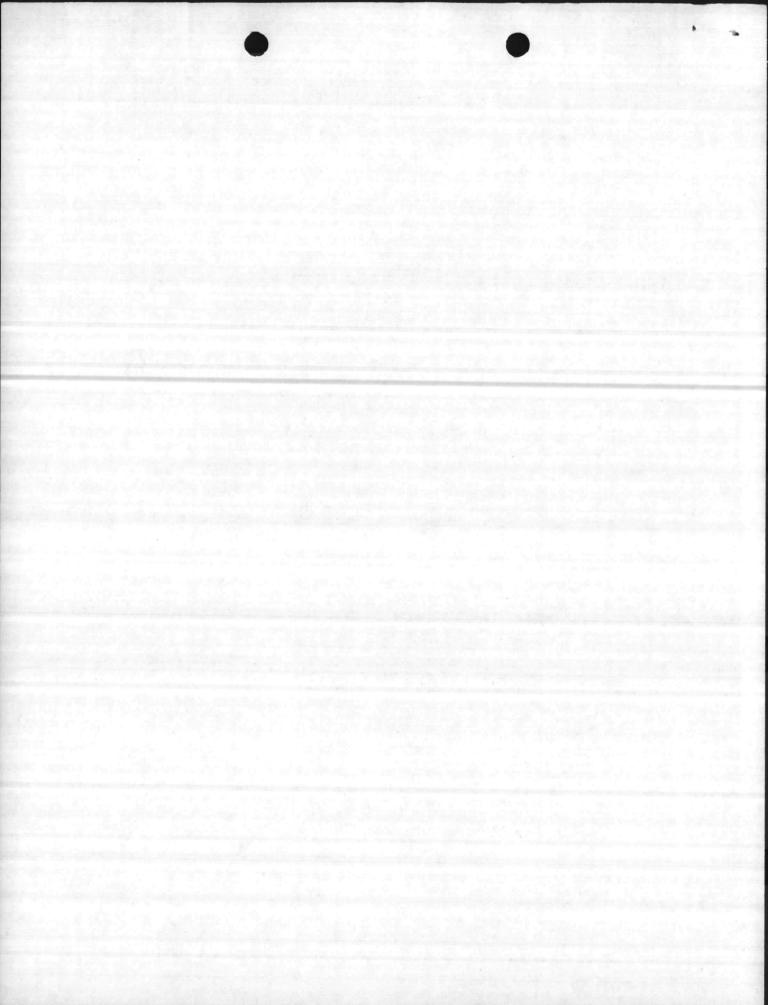
a. Land Use Plans

b. Clear Air Control

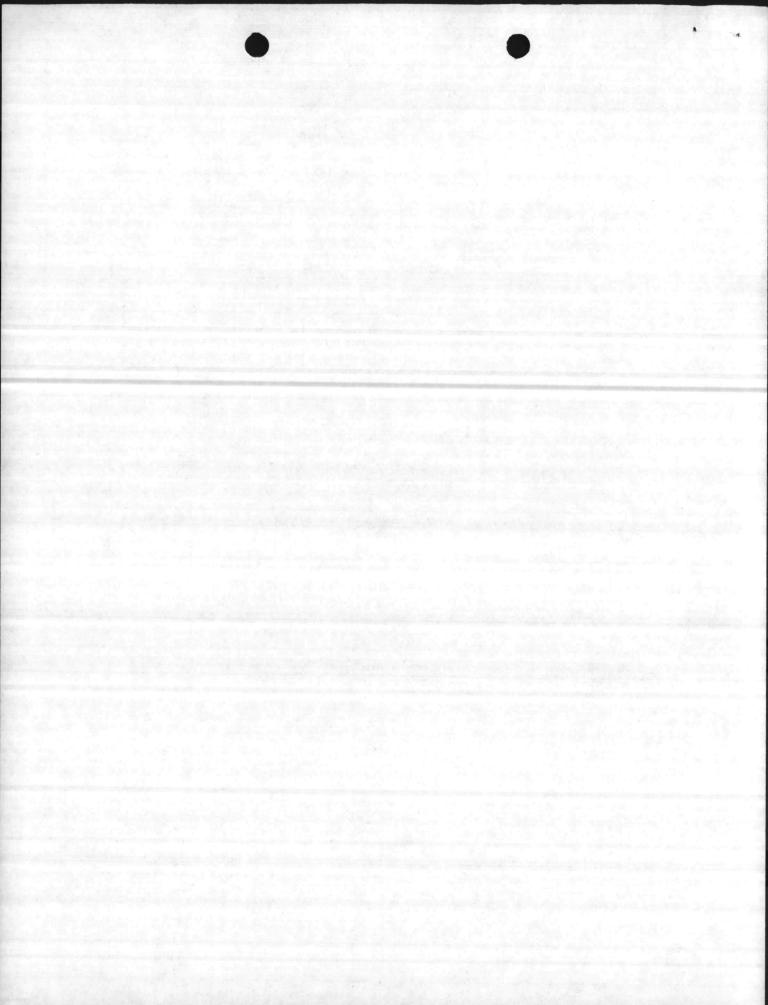
c. Federal Water Pollution
Control Act



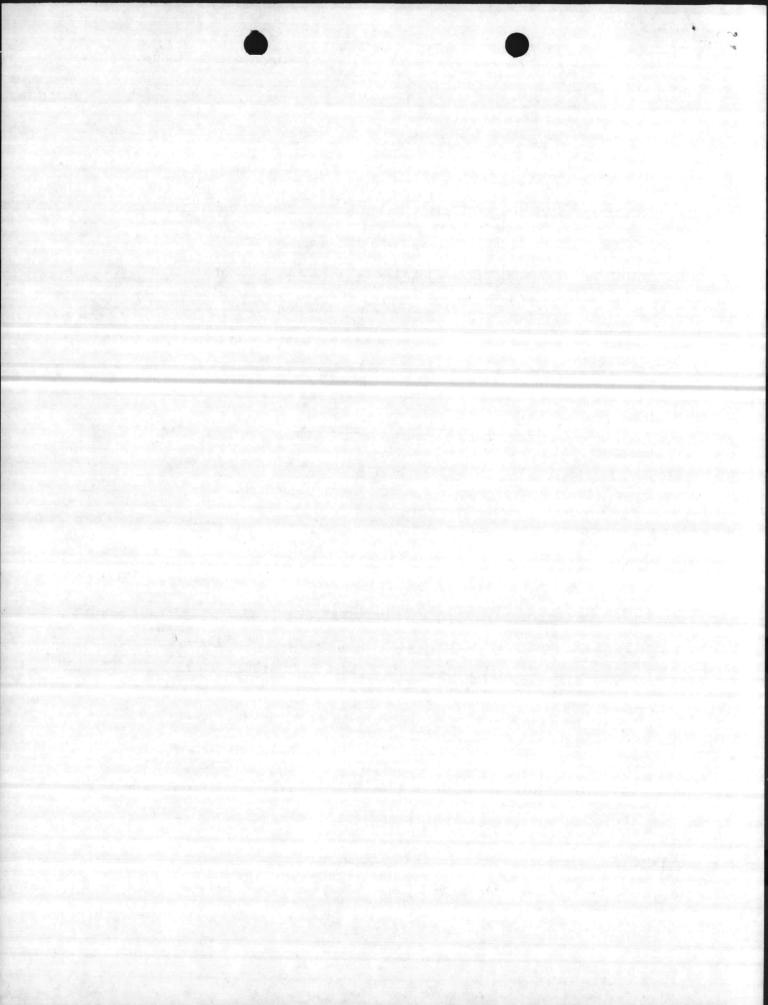
- 3. The probable Impact of the Proposed Action on the Environment:
- a. Assessment of the positive and negative effects of the proposed action as it affects both the national and/or the international environment. The potentially significant effect of this action is that it:
- (1) Will-will not cause emissions into the atmosphere of toxic or hazardous substances or significant amounts of other pollutants. It will-met significantly reduce the amount of pollution in the atmosphere?
- (2) Will not cause the creation of excessive noise, when considering the proximity and likely effects of the noise on humans or wildlife?
- (3) Will/will not introduce toxic or hazardous substances or significant amounts of chemicals, organic substances or solid wastes into bodies of water, on land or otherwise effect water or soil quality?
- (4) \\daggerightarrow{H-1-1}/\will not significantly alter the rate of sediment deposit or temperature of a body of water?
- (5) Hill/will not require the use of non-renewable energy sources, e.g., fossil fuels, etc., in apparently excessive or disproportionate amounts?
- (6) 441-1/will not result in a significant destruction of vegetation, wild or marine life?
- (7) #ill/will not affect, beneficially or adversely, other forms of life or the ecosystems of which they are a part?
- (8) ### will not result in contamination or deterioration of food or food sources?
  - (9) Will not affect population density and congestion?
- (10) Will not cause a major change in landscape, extensive clearing, paving or excavation?
- (11) ### will not affect, beneficially or adversely, neighborhood character (aesthetic qualities) and zoning?
  - (12) ### will not alter area hydrologic properties?



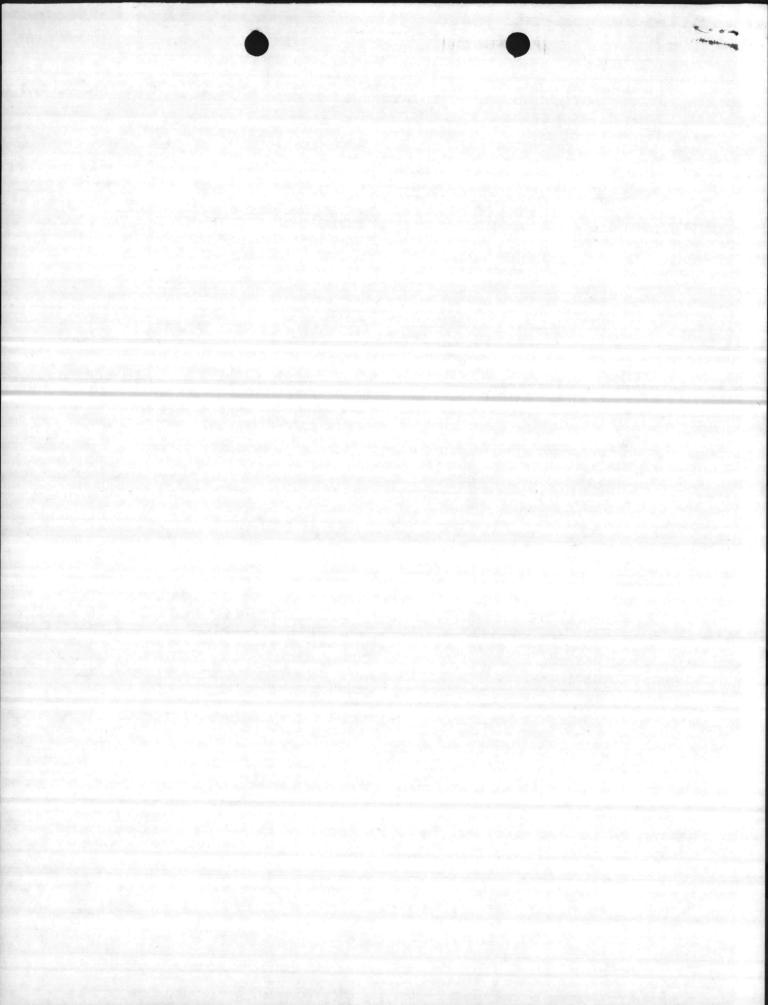
b. on the fo	The proposed action will have	a potential	lly signifi	cant effect
on the ro	ITEM	Favorable	Adverse	No Effect
	Traffic	x	님	
	Community Facilities	H		X
	Schools	H	H	[X]
	Waste Treatment Facilities	님		
	Utilities	X	. H	H
	Land Management	X	님	
	Solid Waste Disposal	Ц	$\vdash$	X
	Area Appearance	X	Ш	
	Other (See Attachment	_)		
5. Any	There is no feasible all Only feasible alternative of this alternative are Various alternatives an Attachment  Probable Adverse Environment	ve is to tak discussed i d their effe	cts are di	scussed in
Should	The Proposal Be Implemented			
x	No adverse effects on			
	Probable adverse effec			
6. Rel Mainter	ationship Between Local Shor nance and Enhancement of Long	t-Term Uses -Term Produc	of the Env	ironment and the
	No change in short-ter	m use.		



X	No change in the maintenance and/or enhancement of long-term productivity.
$\mathbf{x}^{\prime}$	Adverse effects on the environment will occur only during the construction period and these will/will not create permanent or long-lasting adverse effects.
X	The proposed action will enhance the short-term use of resources by:
	Abating existing or potential pollution.
	Enhancing the area appearance.
	Reducing utility requirements
	Improvements in operational efficiency.
	Improvements in habitability of existing facilities.
	Other:
	Long-term productivity will be enhanced by:  X Abating existing or potential pollution. (Dust)  X Reducing utility requirements.  X Improvement in operational efficiency.
	Other:
7. <u>Ir</u> Involv	reversible and Irretrievable Commitments of Resources Which Would Be yed in the Proposed Action Should It Be Implemented
X	No significant irreversible or irretrievable commitment of resources.
X	No destruction of identified archeological sites or sites having possible historic or architectural interests.
X	No effect on known endangered species of wildlife.



	X	No signitant change in land use.
		Potentially significant irreversible or irretrievable commitments or resources are discussed in Attachment
		Other:
8.	Con	siderations That Offset the Adverse Environmental Effects
		This course of action as compared to adverse environmental of alternatives (Section 4) are discussed in Attachment
	b.	Cost benefit analysis of proposed action is Attachment
9.	Summ	
	X	It is concluded that the proposed action will have no sig- nificant adverse effects on the environment.
	x	There has not been, nor is there currently, any known controversy concerning the proposed action.
		Based on this assessment, it is concluded that an Environmental Impact Statement must be prepared prior to implementation of the proposed action.



2. DATE 1. COMPONENT FY 1978 MILITARY CONSTRUCTION PROJEC 1 MAY 1978 NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ELECTRONICS/COMMUNICATIONS MARINE CORPS BASE MAINTENANCE SHOP, 2D DIV. CAMP LEJEUNE, NORTH CAROLINA 28542 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 5. PROGRAM ELEMENT P-175 1,532 217-10 9. COST ESTIMATES QUANTITY UNIT COST ITEM ELECT/COMM MAINT SH W/PILE FOUNDATION, FALL-51.18 SF 24,500 1,257 OUT PROTECTION AREA 20 PAVING (PARKING) LS 25 LS UTILITIES LS 18 SITE WORK, FENCING, AREA LIGHTING, ETC. 1,320 LS TOTAL COST 132 LS CONTINGENCY - 10% 1,452 ESTIMATED CONTRACT COST LS SUPERVISION, INSPECTION, OVERHEAD - 5.5% TOTAL REQUESTED LS 80 LS 1,532

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

INSTALLED EQUIP OTHER APPROPRIATIONS

Construct a permanent one-story electronics/communications maintenance shop with concrete foundation and floors, masonry walls, built-up roof over insulation, and air-conditioning in training and administrative areas. Provide paved parking area and security fencing with lighting. Utilities connected.

REQUIREMENTS: 178,174 SF. ADEQUATE 0 SUBSTANDARD PROJECT: Construct an electronics/communications maintenance shop for 2d Marine Division Headquarters Battalion.

REQUIREMENT: A maintenance facility for organizational electronics/ communications equipment.

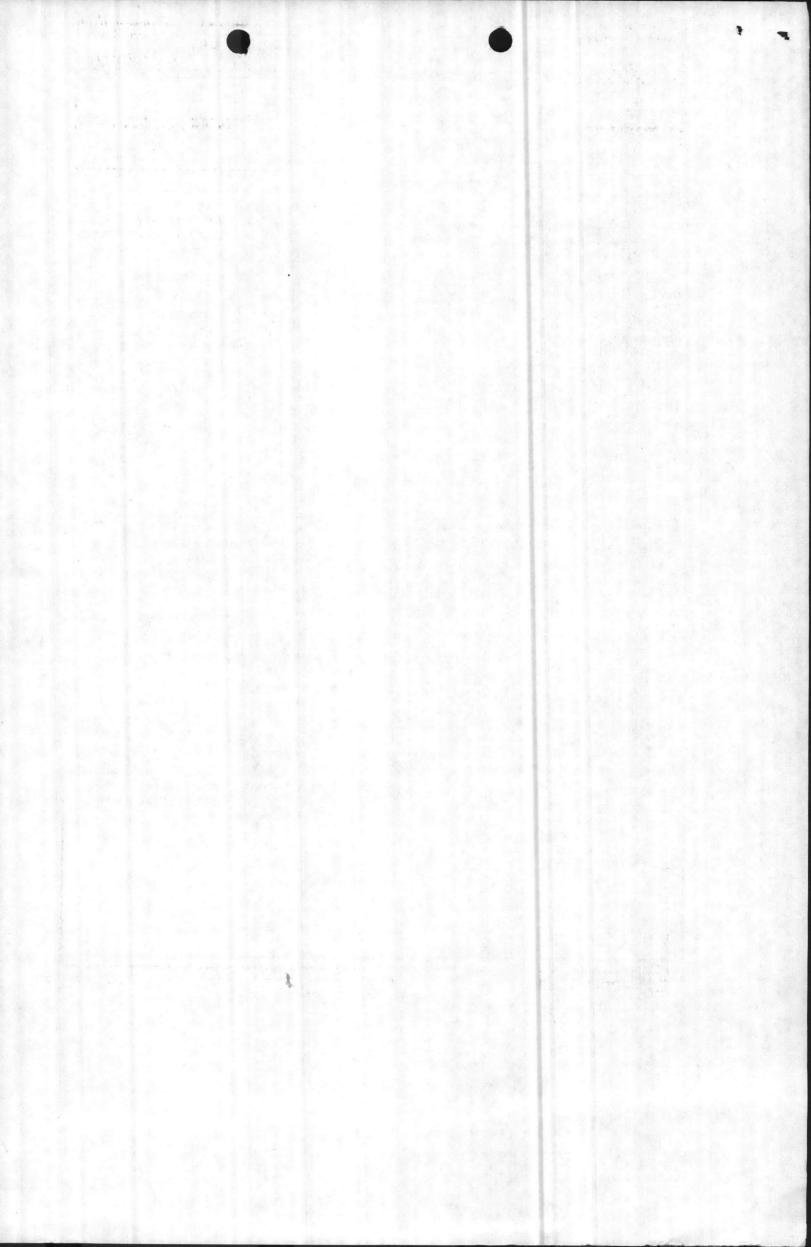
CURRENT SITUATION: The electronics/communications maintenance shops are located in makeshift, temporary metal and semi-permanent wood/concrete block facilities that were constructed for warehousing.

IMPACT IF NOT PROVIDED: Troops will continue to perform maintenance in the existing makeshift facilities, severely disrupting and/or reducing the combat readiness of the organizational electronics/communications equipment.

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.



1. COMPONENT

NAVY

3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP, 2D DIV.

P-175

#### FACILITY STUDY

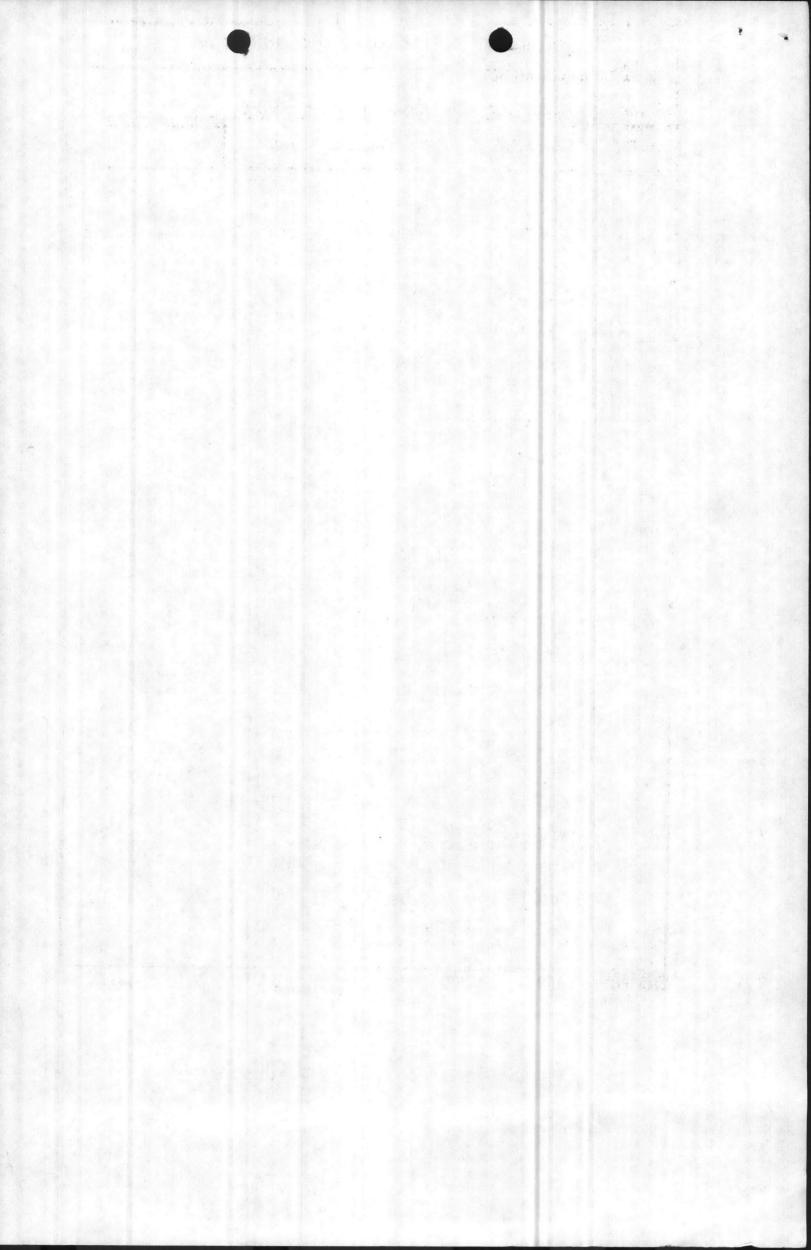
- 1. <u>Project Purpose</u>. This project will provide for the maintenance of the electronics and communications T/E equipment assigned to Headquarters Battalion, 2d Marine Division.
- 2. Current and Planned Future Workload with Regard to this Project. Duration of need is indefinite and the facility will be utilized 100 percent of the time. An average of ten hours per day for a five-day workweek is spent in the shop. After training exercises or deployments, the maintenance workload increases; consequently, many nights and weekends are required to perform the additional maintenance. The organization is responsible for performing first and second echelon maintenance on all items of electronics and communications equipment authorized by the T/E. The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.
- 3. Description of Project. Provide a modern permanent electronics and communications maintenance shop with concrete foundation and floors, masonry walls, built-up roof over insulation with architectural motif similar to other shops in the area. Air conditioning in training and administrative areas. Additional required facilities: Construct roads, walks, parking areas; security fencing and lighting; special foundations (treated timber piling); fallout protection; etc. Utilities connected. Building 1812 to be demolished.
  - a. <u>Collateral Equipment</u> (MCON Funded)
    - (1) Deluge Shower w/eye wash
    - (2) Acid Resistant Sink
    - (3) Exhaust Hood
    - (4) Pass Window, 4'0" wide, w/counter and "B" label roll-down shutter (w/fusible link)
    - (5) Exhaust System, underground (generator, auto, etc.)
    - (6) Water Cooler (electrical)
  - b. Collateral Equipment not Included in Line Item
    - (1) Portable Work Benches, 28" x 34" x 6'
    - (2) Stationary Work Benches, 28" x 34" x 4'

DD FORM 1391c

40

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Page No. 1 of 5



Justification for the Project. The proposed facility will replace the present substandard, makeshift facility (temporary WW-II, Butler type metal building, open bay with oil space heaters and no head) located in the Hadnot Point area. The new electronics and communications facility will provide a modern shop for first and second echelon maintenance, minor repairs, and replacement of minor component parts to the organizational T/E equipment. The following are some of the deficiencies in the existing facility:

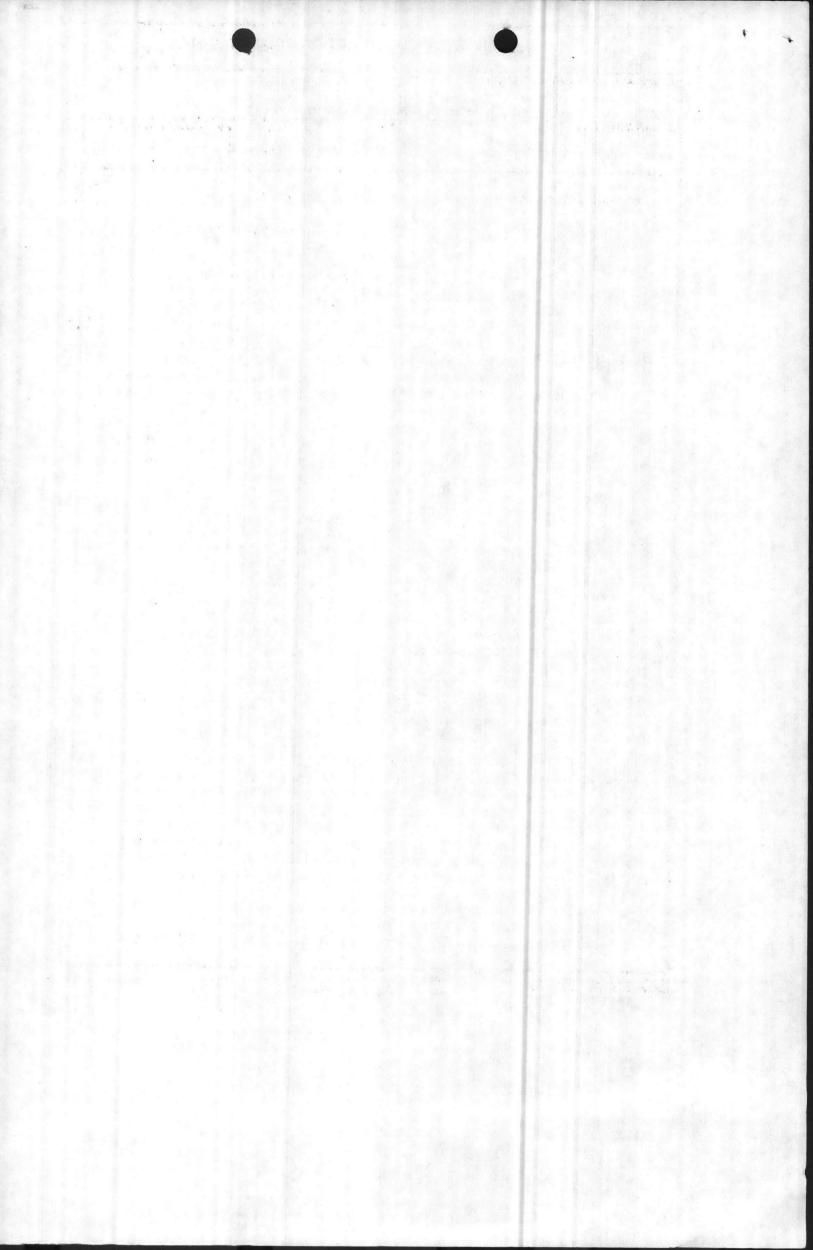
a. Space. Bench space is restricted; parts stockrooms and toolrooms are inadequate in space, storage and security. Office and heads, in most cases, are nonexistent. Repair areas are inadequate in that the structures

DD FORM 1391c

EXTEN ?

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

Page No.2 of 5



were primarily built as temporary buildings in 1942-1943.

- b. <u>Power</u>. The facilities were constructed with a minimum of electrical power.
- c. <u>Lighting</u>. Lighting in most areas consists of naked incandescent bulbs hanging from the ceiling.
- d. <u>Heating</u>. Heating is with oil space heaters which fail to adequately heat the areas. These heaters are also a safety hazard.
- e. Parking. Parking areas are inadequate and mostly dirt becoming mud during rainy weather.
- 6. <u>Justification for Scope of Project</u>. The scope of the requested facility is based on the mission of the Headquarters Battalion and the authorized T/E approved by CMC, and approved definitive drawing #1293358 in NAVFAC P-272, Part IV.
- a. BFRL Requirement (Hadnot Point Area (DA)) is 178,174 SF. NAVFAC P-80 states that the requirement for this category code (21,-10) is determined from definitive drawings given in NAVFAC P-272, Part IV.

NAVFAC Dwg. No.	Area
1293355	36,280 SF
1293357	8,048 SF
1293358	24,500 SF
1293359 (3 x 29,775)	89,325 SF
1293360	6,316 SF
1293366	3,300 SF
1293368	4,305 SF
1293361	6,100 SF

TOTAL on wide, w coun 178, 174 SF

b. Existing Facilities.

Bldg. No.	Area	, nderground (generator, auto Remarks
(6)116 a ce	(1,089)	Substandard - to be converted back to
439	(3,240)	Substandard - to be converted back to
307*	(22,786)	Substandard - to be converted back to
234*	(1,947)	Substandard - to be converted back to storage.

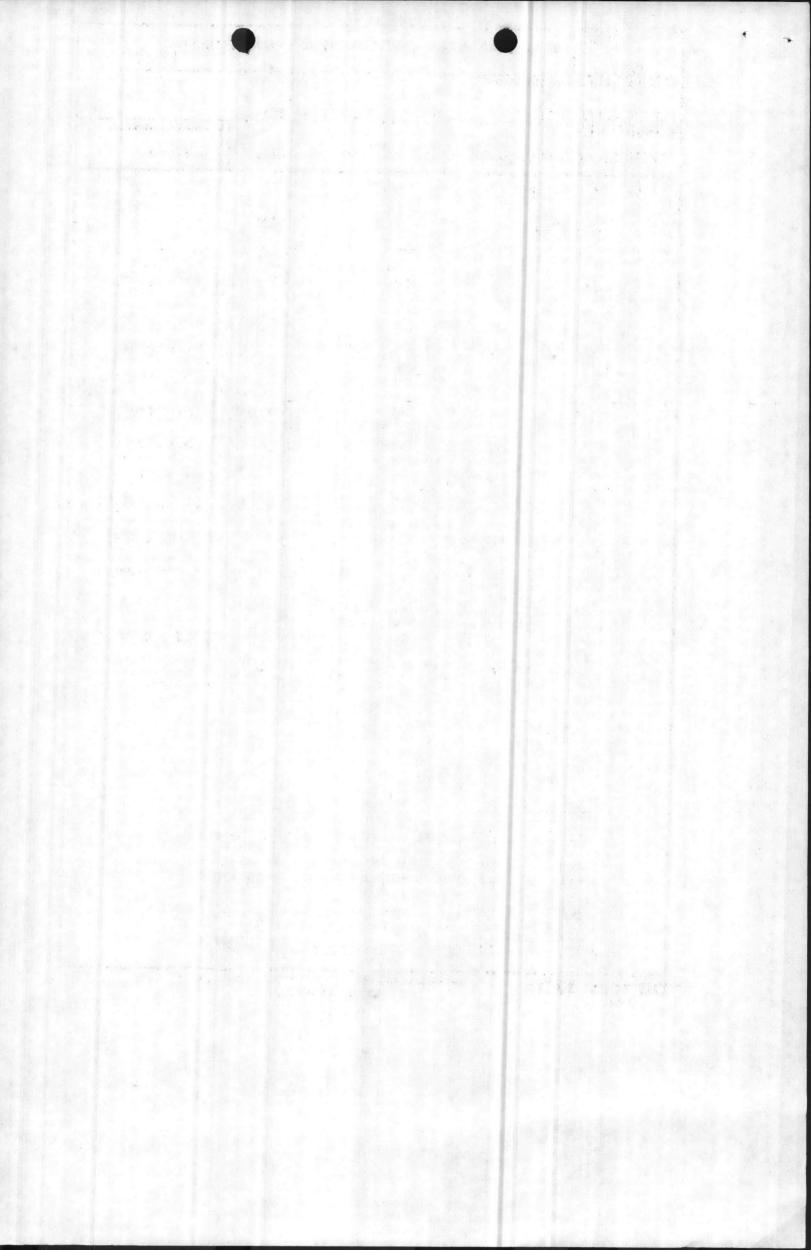
DD FORM 1391c

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4

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UNTIL EXHAUSTED

Page No. 3 of 5



3. INSTALLATION AND LOCATION

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE 5. PROJECT NUMBER

ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP, 2D DIV.

P-175

b. Existing Facilities (con	tinued)
-----------------------------	---------

Bldg. No.	Area(SF)	Remarks
505*	(2,145)	Substandard - to be converted back to storage.
532	(3,729)	Substandard - to be converted back to storage.
534*	( 270)	Substandard - to be converted back to storage.
414	(3,663)	Substandard - to be demolished upon start of P-625.
599	(2,000)	Substandard - to be demolished upon completion of P-508 & P-572.
134	(3,729)	Substandard - to be converted back to storage.
816	(4,800)	Substandard - to be demolished upon completion of P-507 & P-175.
329	(3,729)	Substandard - to be converted back to storage.
005*	(11,960)	Substandard - to be converted back to storage.
530*	(2,212)	Substandard - to be demolished by MCB.
1309	(4,396)	Substandard - to be converted to vehicle maintenance.
442*	(1,705)	Substandard - to be converted back to storage.
444*.	(2,160)	Substandard - to be converted back to storage.
S-23	(2,156)	Substandard - to be retained & building building redesignated to category code 833-09.

SUBTOTAL 0

\* Multi-use building

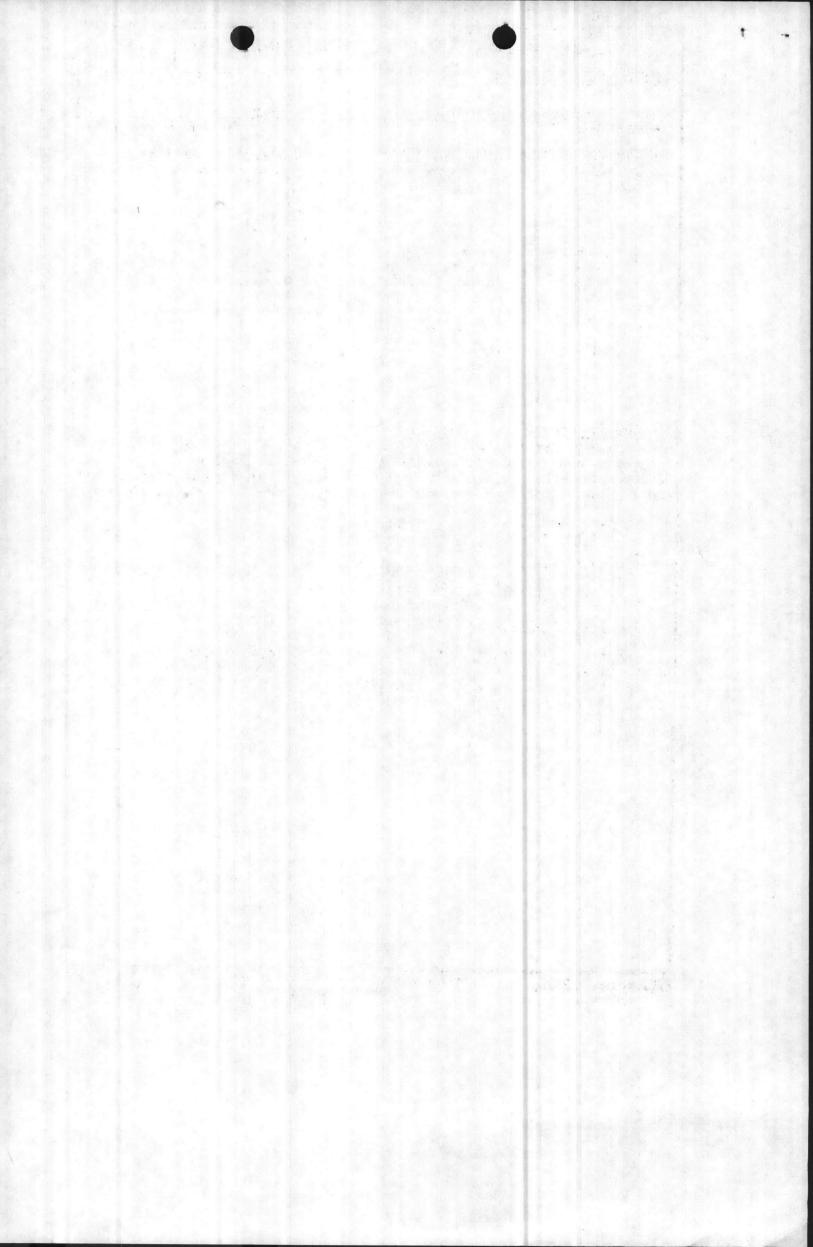
#### c. Planned Facilities

Proj. No.	Area(SF)	2d Marine Division Organizations
P-643	29,775	Marine Infantry Regiment
P-527	29,775	Marine Infantry Regiment
P-644	29,775	Marine Infantry Regiment
P-229	36,280	4th Battalion, 10th Marines
P-229	3,300	Motor Transport Battalion
P-175	24,500	Headquarters Battalion

DD FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY

Page No. 4 of 5



MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA 28542

4. PROJECT TITLE

ELECTRONICS/COMMUNICATIONS MAINTENANCE SHOP, 2D DIV.

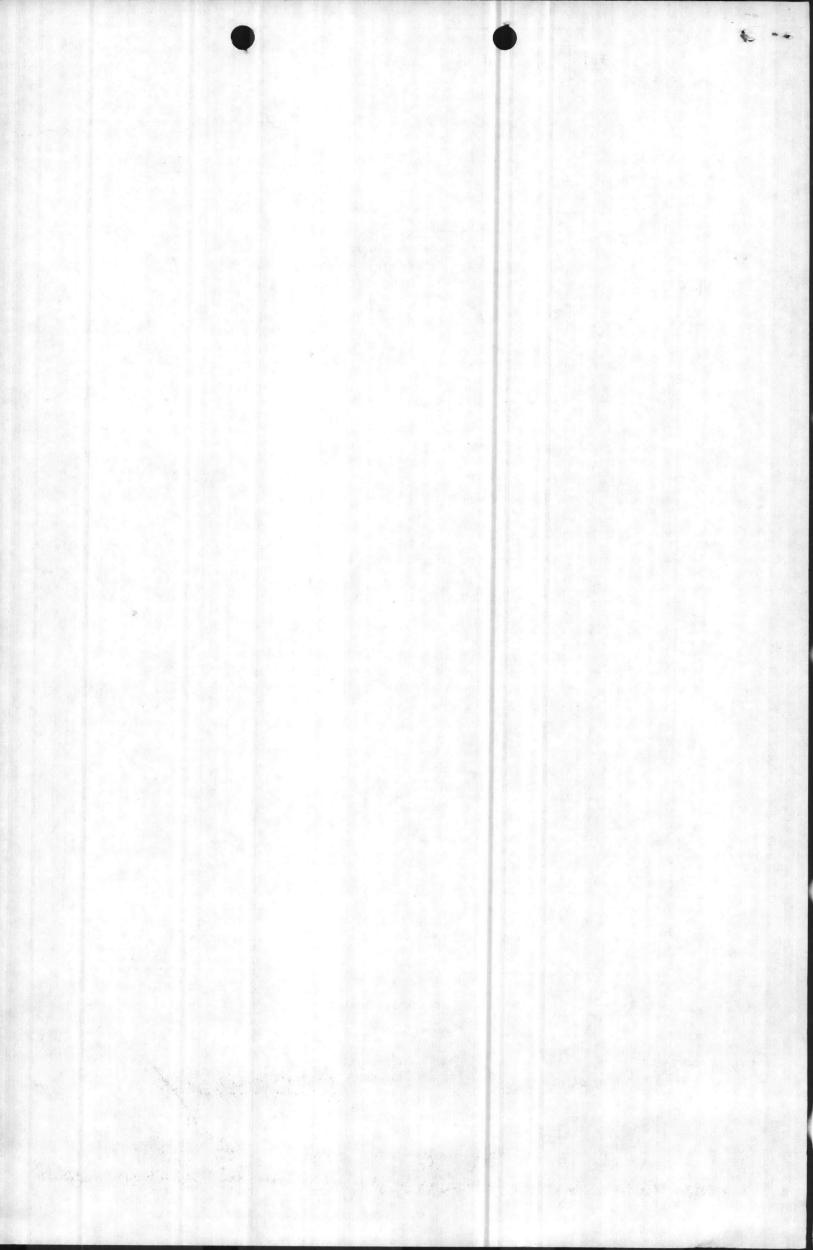
5. PROJECT NUMBER
P-175

	Proj. No.	Area(SF)	2d Marine Division Organizations
	P-653 P-564	8,048 6,100	Service Battalion Shore Party Battalion
	P-565 P-569	4,305 6,316	Engineer Battalion Reconnaissance Battalion
	SUBTOTAL	178,174 SF	
d.	Existing Facilities Planned Facilities		- 0 - 178,174 SF
	BFRL TOTAL		178,175 SF

- 7. Common Support Facilities. An analysis has been made by the requesting organizations and it was determined that a mutual agreement to share a common-use facility with other 2d Marine Division units within the Hadnot Point area was not feasible. This decision was based on the amount and type of equipment these organizations rate by T/E and the missions.
- 8. Effect on Other Resources. None
- 9. Siting of the Project. Enclosure (1)
- 10. Other Graphic Presentations. Not applicable.

29.776

- 11. Economic Analysis. Not applicable.
- 12. Environmental Impact Statement. An environmental impact assessment has been made and it has been determined that this project will have neither a significant impact on the environment nor is it highly controversial. Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.





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

IN REPLY REFER TO

LFF-1-WFP:rs 18 MAR 1977

From: Commandant of the Marine Corps

To: Commanding General, Marine Corps Base, Camp Lejeune,

North Carolina 28542

Subj: Guidance for Military Construction Planning and Programming

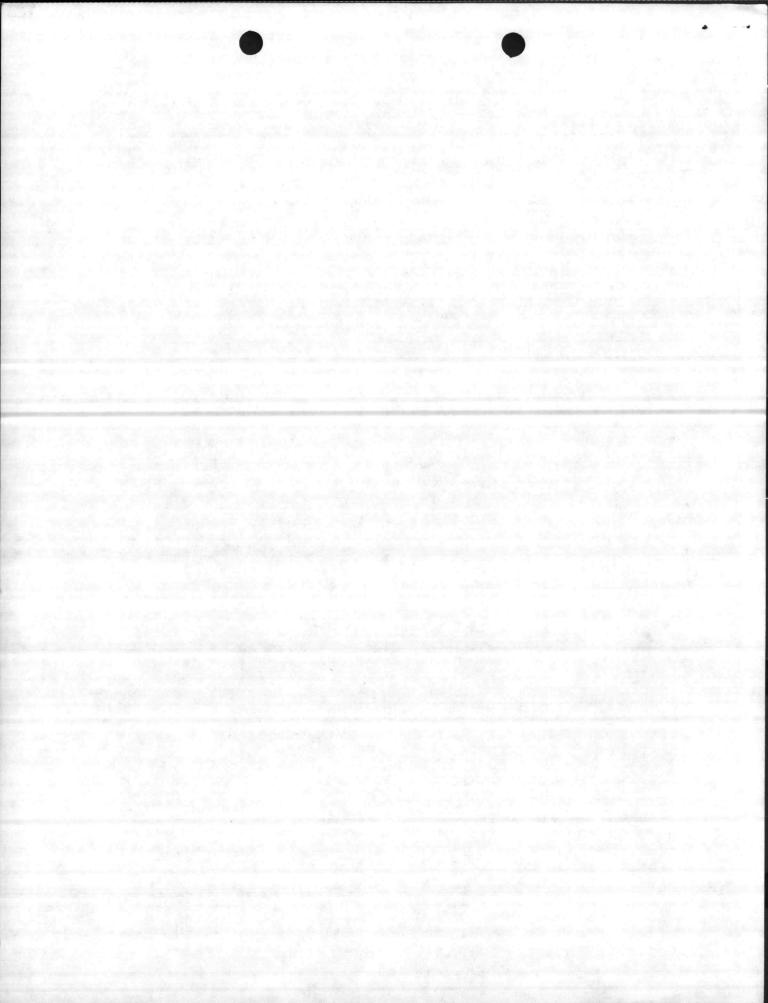
Ref: (a) MCO P11000.12A

(b) CMC ltr LFF-1-MMS:dc of 4 Feb 76

Encl: (1) Shore Activity Military Construction Program (FY-78 thru FY-82)

(2) Example Format

- 1. This letter provides the annual guidance for Military Construction (MCON) programming in accordance with paragraph 0801 of reference (a) and supersedes reference (b). Requirements and actions pertaining to facility planning for other than MCON projects will be the subject of separate correspondence.
- 2. Review of the FY 1978 and FY 1979 MCON programs by OSD/OMB resulted in approximately \$30 million previously programmed in FY 1978 being deferred to the FY 1979 MCON program. Accordingly, the FY 1978 MCON program as shown on enclosure (1) has been submitted to the Committees of Congress for authorization and appropriation and is not subject to revision. The FY 1979 program has also received its first critical review, therefore, this letter primarily concerns programming actions for the FY 1980 through FY 1983 program years. It should be recognized that the impact of OSD/OMB actions on the FY-79 program will ultimately be reflected in the follow-on programs, therefore enclosure (1) reflects the best estimate by this Headquarters at this time for the program years (FY78-FY82).
- 3. Should a requirement exist for a project which is not shown on enclosure (1), a DD 1391 and a facility study should be submitted and the project inserted at an appropriate priority on an updated NAVMC 10956. Projects programmed for FY 1981 and FY 1982 should be reviewed for scope and price accuracy and revised DD 1391's submitted. The scope and priority of projects listed on an activity's NAVMC 10956 should reflect the base loading figures and mission assignments as published in the activity's latest Facilities Support



Subj: Guidance for Military Construction Planning and Programming

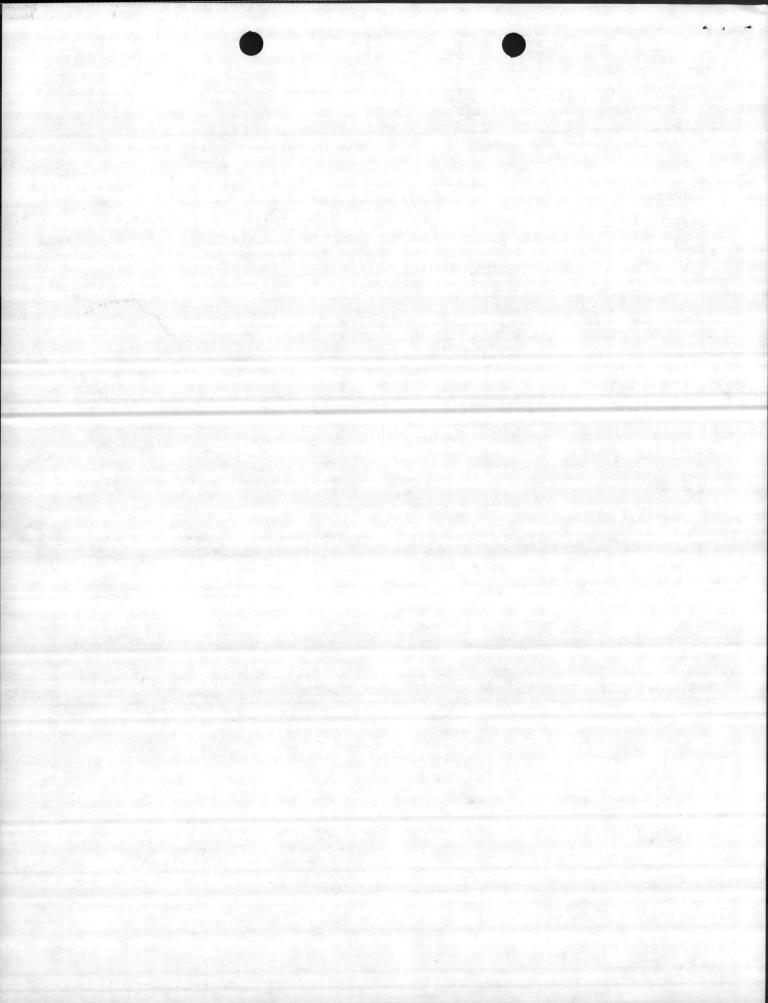
Requirements (FSR) planning document. In addition to other data required by paragraph 0807 of reference (a), the detailed tabular quantitative data should be shown in the facility study in the format of enclosure (2).

- 4. Costs reflected on project documentation should be in accordance with the cost guidance published in the current edition of the applicable NAVFAC P-432. Project costs for Bachelor Enlisted Quarters shall not exceed the statutory cost limitations established by DOD.
- 5. Updated General Development maps, NAVMC Forms 10801 and 10956 and OPNAV Forms 11000-5 shall be prepared and submitted in accordance with reference (a). The criteria for a requirement to be included on these forms must be emphasized. Only real and tangible Marine Corps needs are to be included on the above forms as facility requirements. Unprogrammed projects are to be prioritized to allow the Marine Corps MILCON Backlog to be more effectively analyzed and to assist in the formulation of the FY-1983 MCON Program.
- 6. Submission of the above requested documentation should be made so as to reach this Headquarters (Code LFF) no later than 1 May 1977.

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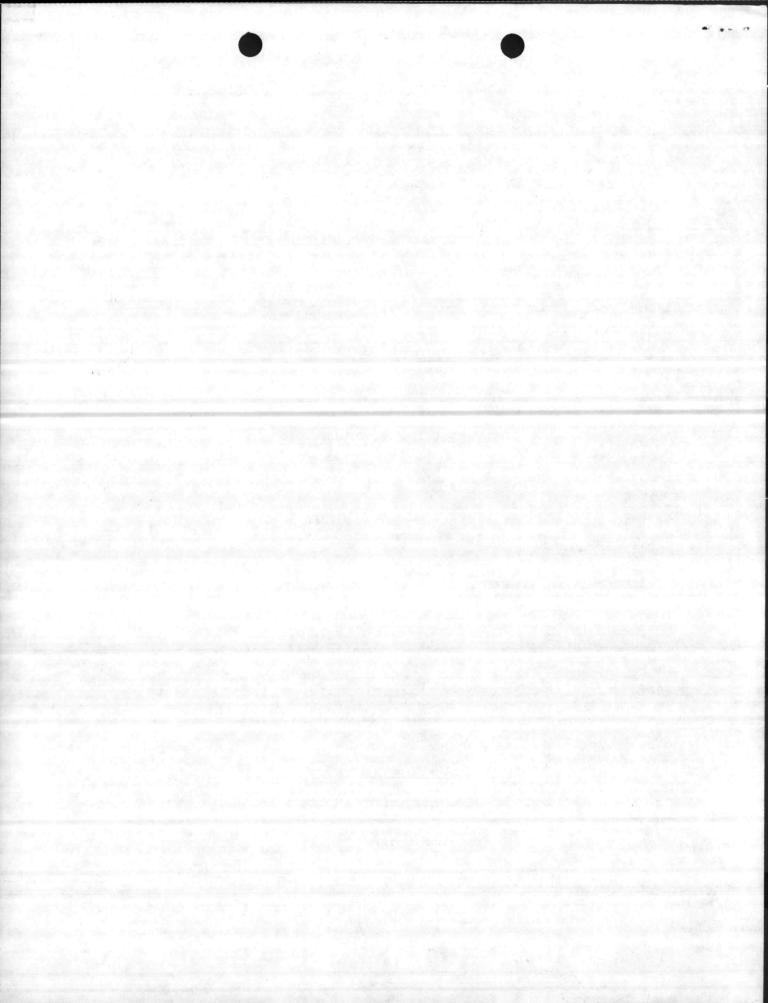
W. G. BATES

By direction



# SHORE ACTIVITY MILITARY CONSTRUCTION PROGRAM

Activity: MC	CB Camp Lejeune		Date of Last 1391
Project No.	Item FY78	Scope	Submitted
P-138	Combat Veh. Maint. Fac.	42,500SF	30 Sep 76
P-243	BEQ (1152 MN) 1	86,624SF	30 Sep 76
	Fiscal Year 1979		
P-255	Combat Vehicle Maint Shops	64,000SF	8 Nov 76
P∸065	Physical Fitness Center	9,200SF	-30 Sep 76
P-216	BEQ (1152 MN) 1	.97,715SF	11 Mar 76
	Fiscal Year 1980		
P-613	BEQ (1440 MN) 2	33,280SF	12 Nov 76
	Fiscal Year 1981		••
. P-175	Comm/Elect. Maint.	24,500SF	11 Mar 76
P-445	Auto. Org. Shop	30,840SF	11 Mar 76
P-611	BEQ (1584 MN) 1	197,715SF	11 Mar 76
	Fiscal Year 1982		
P-117	Communication Center	c 24,820SF	25 Jun 75
P-506	FLD Maint. Shop (Para)	4,250SF	11 Mar 76



## EXAMPLE FORMAT

## 9-175, Automotive Organizational Shop, Category Code 214-51

### A. BFRI, REQUIREMENT

100,000 SF

NAVFAC P-80 states that the requirement for this category code is determined from definitive drawings given in NAVFAC P-272, Part IV. The total requirement is 100,000 SF.

## NAVFAC Drawing No.

17264		20,000 8	SF
17265		15,000 \$	SF
17267		10,000 8	SF
17268		15,000_	3
17269		10,000	55
17270		30,000 3	SF
100 B	en para la	100,000 ,	SF

30,000 SF

## B. EXISTING ASSETS

## Building No.

6		20,000 8	SF	Adequate
7				Substandard - to be demolished
		(35,000 \$		upon completion of P-175.
8	•	(20,000 \$	SF)	Substandard - to be retained
				and bldg. redesignated to
			•	category code 740-43.
9		10,000 8	SF	Substandard - to be retained and modernized.

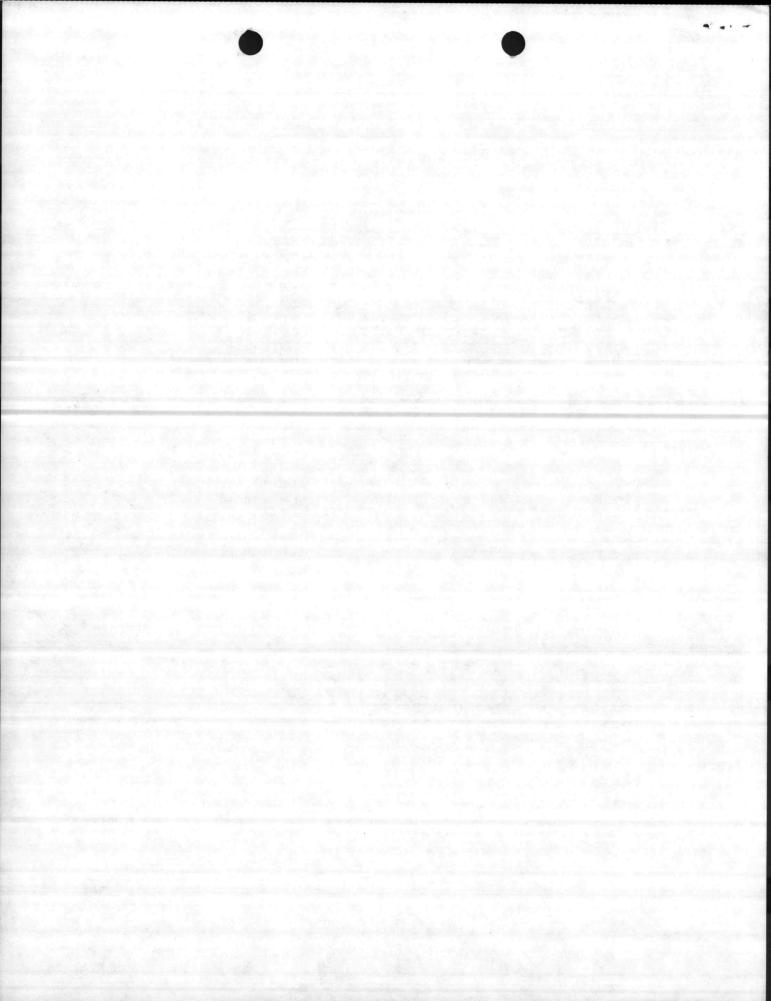
## C. PLANNED FACILITIES

## Project No.

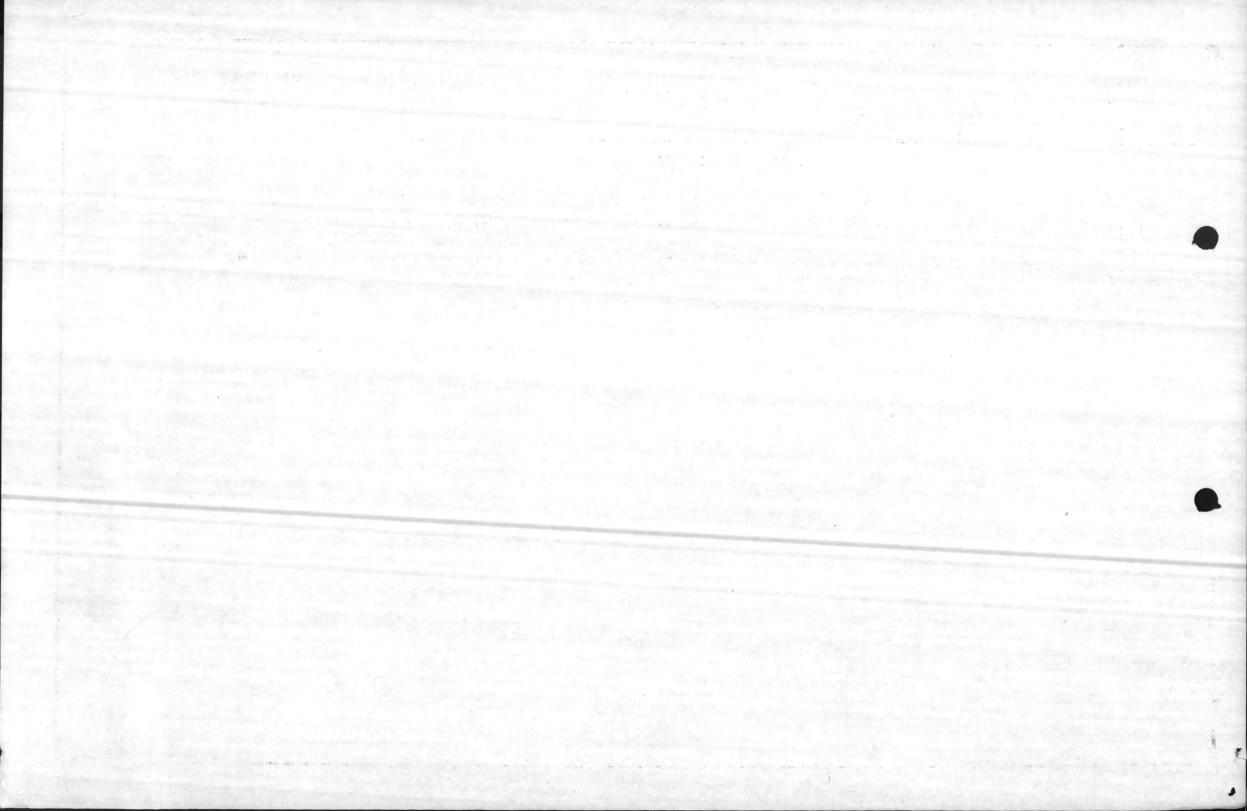
SUBTOTAL

P-124	20,000 SF
P-125	15,000 SF
P-126	10,000 SF
P-127	.15,000 SF
P-175	10,000 SF
SUBTOTAL	70,000 SF
BFRL TOTAL	100,000 SF

Sarry



25 June 1975 1979	MILITARY CO	ONSTRUCTION PROJ		NAVY	MARINE CORPS BASE, CAN	IP LEJE	UNE, NORTH	CAROLIN	A
S. PROPOSED AUTHORIZATION		7. CATEGORY COS	CATEGORY CODE NUMBER S. PROGRAM ELEMENT NUMBER		North Carolina				
\$ 1,505,000 0. PROPOSED APPROPRIATION		ACCOUNT NUMBER	12. PROJECT N	NUMBER	HADNOT POINT AREA ELECT/COMM MNT SHOP (	OIV)		NM	X RM
\$ 1,505,000		OF PROJECT	1 1/3		SECTION B -		IMATES		
	TION A - DESCRIPTION	N OF PROJECT		20. PRIMAI	RY FACILITY	U/M	QUANTITY	UNIT COST	
4.  TYPE OF CONSTRUCTION		CTERISTICS OF PRIMARY			COMM MNT SHOP	LS	( 24,500	\$ -	\$ 1,328 1,323
RMANENT X 8. NO. OF	LDGS 1 b. NO. OF ST	ORIES 1 C. LENGTH IR	REG. d. WIDTH		ILDING	S.F	(	1	
MANENT 9. DESIGN C	THE RESERVE OF THE PARTY OF THE	f. GROSS AREA	24,500 SF	ь.'			1		1
TEMPORARY 8. COOLING	AIR COND	CAP. 18 TN	соѕт (\$ 27,90			107	( 50	100.00	5
19. DESCRI	TION OF WORK TO BE	DONE		The Parties of the Pa	LOUT PROTECTION AREA	MN			s 177
Construct a permanent one-story electronics/communica-					RTING FACILITIES ECIAL FOUNDATION - PILING	LF	5,000	16.00	( 80
tions ma	aintenance shop	with concrete fo	oundation and	-	ECTRICAL SUBSTATION	KV	150	152.70	And the second s
lfloors, masonry walls, built-up roof over insulation				011,	ECTRICAL DISTRIBUTION LINE		190	23.00	Name and Address of the Owner, where the Party of the Owner, where the Party of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is th
d. conversion and air conditioning in training and administrative .  o. other (Specify) areas. Provide paved parking area and security fencing					LEPHONE & FIRE ALARM LINE	LF	190	17.00	A
				ncing d. 115	EAM DISTRIBUTION LINES	LF	480	87.35	( 42
with lighting. Utilities connected.					TER DISTRIBUTION LINES	LF	45	24.57	( 1
6. REPLACEMENT X				I SA	NITARY/STORM SEWER LINES	LF	55	36.36	( 2
17. TYPE OF DESIGN				s. SE	CURITY LIGHTING/FENCING	LF	700	14.29	( 10
STANDARD DESIGN X				SI	TE IMPROVEMENTS	AC	2	500.00	
. SPECIAL DESIGN					MOLITION	SF	11,000	1.00	
1293358				22. TOTAL	PROJECT COST				\$ 1,505
SCALATION: FY,7783% Mo;	FY7883% Mo: ]	FY7983% Mo.		ASIS OF REQUIREM	ENT 1 APR 1979	NAT HOUSE A			
QUANTITATIV			ENT FOR PROJEC	т				in admini	etrativo
(U/M_SQUAR			Provide hou	sing, training	facilities, logistical su	pport,	and certa	Til adiliTill	Strative
A. TOTAL REQUIREMENT HADNOT P	OINT BFRL 178,	17/ Gunnart to	tenant Fle	et Marine Forc	e commands and other units	assign	lea.		
b. EXISTING SUBSTANDARD	( 46,	706 IDDOTECT.	Construct a	n Elect/Comm M	aintenance Shop for 2ND Ma	onic/co	mmunicati	on equin	ent.
C. EXISTING ADEQUATE		O REQUIREMEN	NT: A mainte	nance facility	for organizational electr	chops of	re locate	d in make	shift.
d. FUNDED, NOT IN INVENTORY		O CURRENT S	ITUATION: T	he electronic/	communication maintenance	tion th	at were	onstruct	ed for
e. ADEQUATE ASSETS (c + d)				emi-permanent	wood/concrete block facili	LLES LI	iat were c	Oliberace	fs.
	AUTHORIZED F	unded warehousing	ng.	D	1	tenance	in the e	xisting r	akeshift
L UN FUNDED PRIOR AUTHORIZATION	The second secon	IMPACT IF	NOT PROVIDE	ש: Troops wil	1 continue to perform main	adinace	of the o	roanizat	onal
8. INCLUDED IN FY - PROGRA		facilities	s, severely	disrupting and	or reducing the combat re	authess	, or the o	- 80	
h. DEFICIENCY (a - e - f - g)	178,174	electronic	c/communicat	ion equipment.					
24 RELATED PROJECTS -									
	DEPTH AND LOSSON TO THE OWNER OF THE OWNER OWNER.	Benchmarker Araba area Ball							



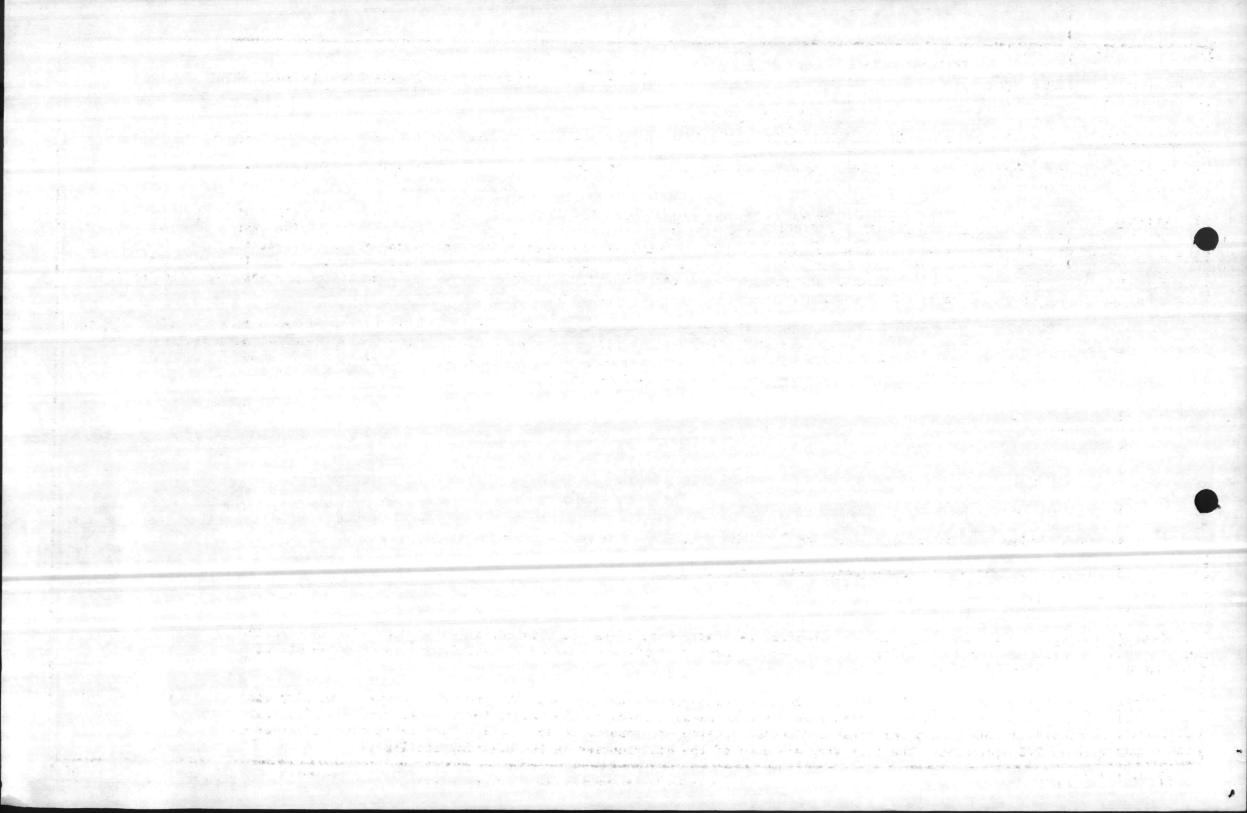
5 June 1975 1979	MILITARY CONSTRUCTION PROJECT DATA (Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
PROJECT NUMBER	HADNOT POINT AREA ELECT/COMM MNT SHOP (DIV)		\$10° × 5 to 1
1. POLLUTION PREVENTION	SPECIAL CONSIDERATION, ABATEMENT AND CONTROL: This project will	l not cause addi	tional air or water pollution.  ty for electronics and communications and main
FLOOD HAZARD EVALUA			has been determined that the proposed project will

4. USE OF AIR CONDITIONING: Ceiling "U" factors will be made to conform with DoD 4270.1-M.

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(Continued)		MILITARY CONSTRUCTION PROJECT DATA	NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
9 JUL 1975	1979 BER	6. PROJECT TITLE		FARINE COM'S BASE, ONE BESSELE, NORTH STREET
P-1		FACILITY STUDY: HADNOT POINT AREA SHOP	(DIV)	

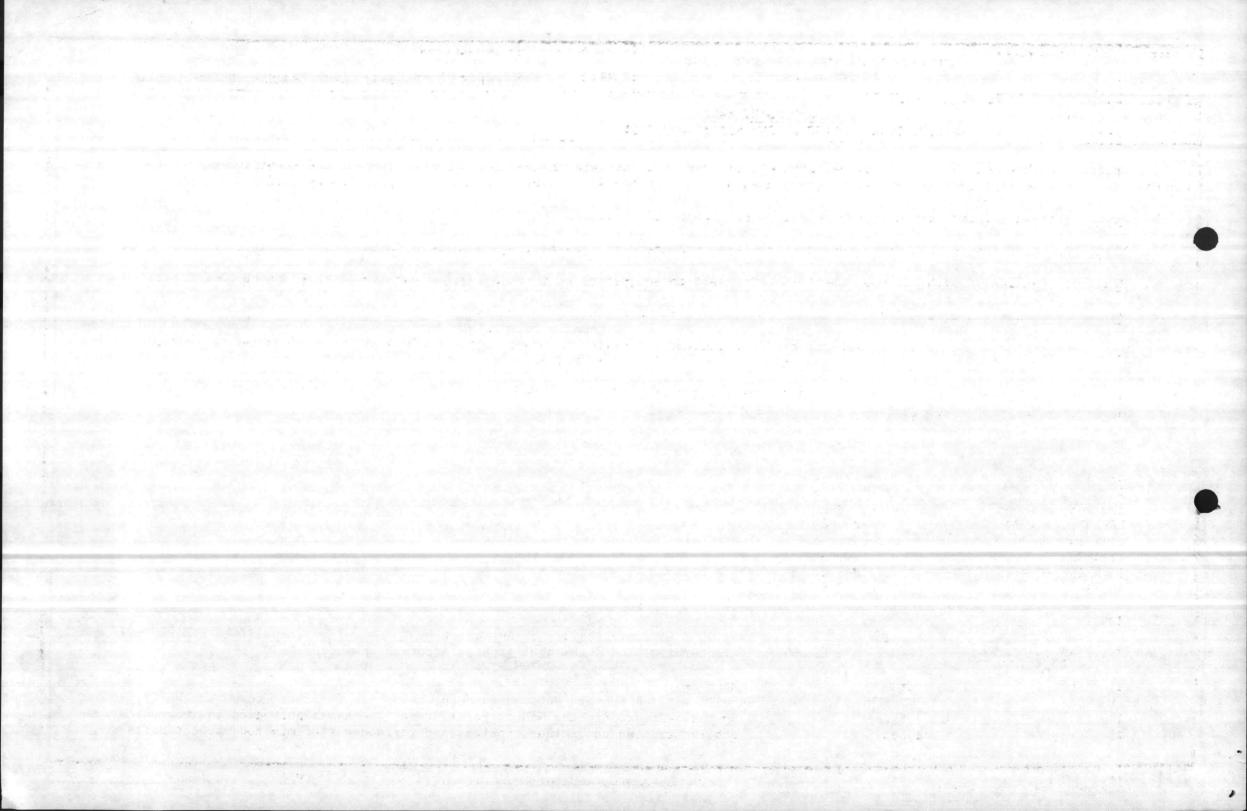
- 1. Project Purpose. This project will provide for the maintenance of the electronics and communications T/E equipment assigned to Headquarters Battalion, 2D Marine Division.
- 2. Current and Planned Future Workload With Regard to This Project. Duration of need in indefinite and the facility will be utilized 100 ercent of the time. An average of ten hours per day for a five-day workweek is spent in the shop. After training exercises or deployments, the maintenance workload increases; consequently, many nights and weekends are required to perform the additional maintenance. The organization is responsible for performing first and second echelon maintenance on all items of electronics and communications equipment authorized by the T/E. The future workload is difficult to project; however, it is expected to increase as the present equipment becomes older and new items are introduced into the system.
- 3. Description of Project. Provide a modern permanent electronics and communications maintenance shop with concrete foundation and floors, masonry walls, built-up roof over insulation with architectural motif similar to other shops in the area. Air conditioning in training and administrative areas. Additional required facilities. Construct roads, walks, parking areas; security fencing and lighting; special foundations (treated timber piling); fallout protection; etc. Utilities connected. Building 1812 to be demolished.
  - a. Collateral Equipment (MCON Funded)
    - (1) Deluge Shower w/eye wash
    - (2) Acid Resistant Sink
    - (3) Exhaust Hood
    - (4) Pass Window, 4'0" wide, w/counter and "B" label roll-down shutter (w/fusible link) A Mable Acquarter Witakion.
    - (5) Exhaust System, underground (generator, auto, ect.)
    - (6) Water Cooler (electrical)
- 4. Cost Estimates. Area cost factor for Camp Lejeune is 1.00. Cost of facility is estimated by DoD 42701.36 (Sep 1974), FY 1976-1977 Military Construction Cost Review Guide. The contingency factor is 10% and the cost growth factor is computed at 10% per year with an estimated award date of 1979.
- 5. <u>Justification for the Project</u>. The proposed facility will replace the present substandard, makeshift facility (temporary WW-II, Butler type metal building, open bay with oil space heaters and no head) located in the Hadnot Point Area. The new electronics and communications facility will provide a modern shop for first and second echelon maintenance, minor repairs, and replacement of minor component parts to the organizational T/E equipment. The following are some of the deficiencies in the existing facility:

manifolding maintenance shops are located in makeshift

block for Hitles that were constructed for

Page No.

TOTAL TRAITING INDIANCIAL TOTAL TOTAL



DATE 2. FISCAL YEAR MILITARY CONSTRUCTION PROJECT DATA		3. DEPARTMENT	4. INSTALLATION			
9 JUL 1975		(Continued)		NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA	
s. PROJECT NUM		e. PROJECT TITLE  HADN FACILITY STUDY: ELEC	OT POINT AREA	(DIA)		

- a. Space. Bench space is restricted, parts stockrooms and toolrooms are inadequate in space, storage and security. Office and heads, in most cases, are nonexistent. Repair areas are inadequate in that the structures were primarily built as temporary buildings in 1942-1943.
  - b. Power. The facilities were constructed with a minimum of electrical power.
  - c. Lighting. Lighting in most areas consists of naked incandescent bulbs hanging from the ceiling.
  - d. Heating. Heating is with oil space heaters which fail to adequately heat the areas. These heaters are also a safety hazard.
  - e. Parking. Parking areas are inadequate and mostly dirt, becoming mud during rainy weather.
- 6. Justification for Scope of Project. The scope of the requested facility is based on the mission of the Headquarters Battalion and the authorized T/E approved by CMC, and approved definitive drawing #1293358 in NAVFAC P-272, Part IV.
- a. BFRL Requirement (Hadnot Point Area (DA)) is 178,174 SF. NAVFAC P-80 states that the requirement for this category code (217-10) is determined from definitive drawings given in NAVFAC P-272, Part IV.

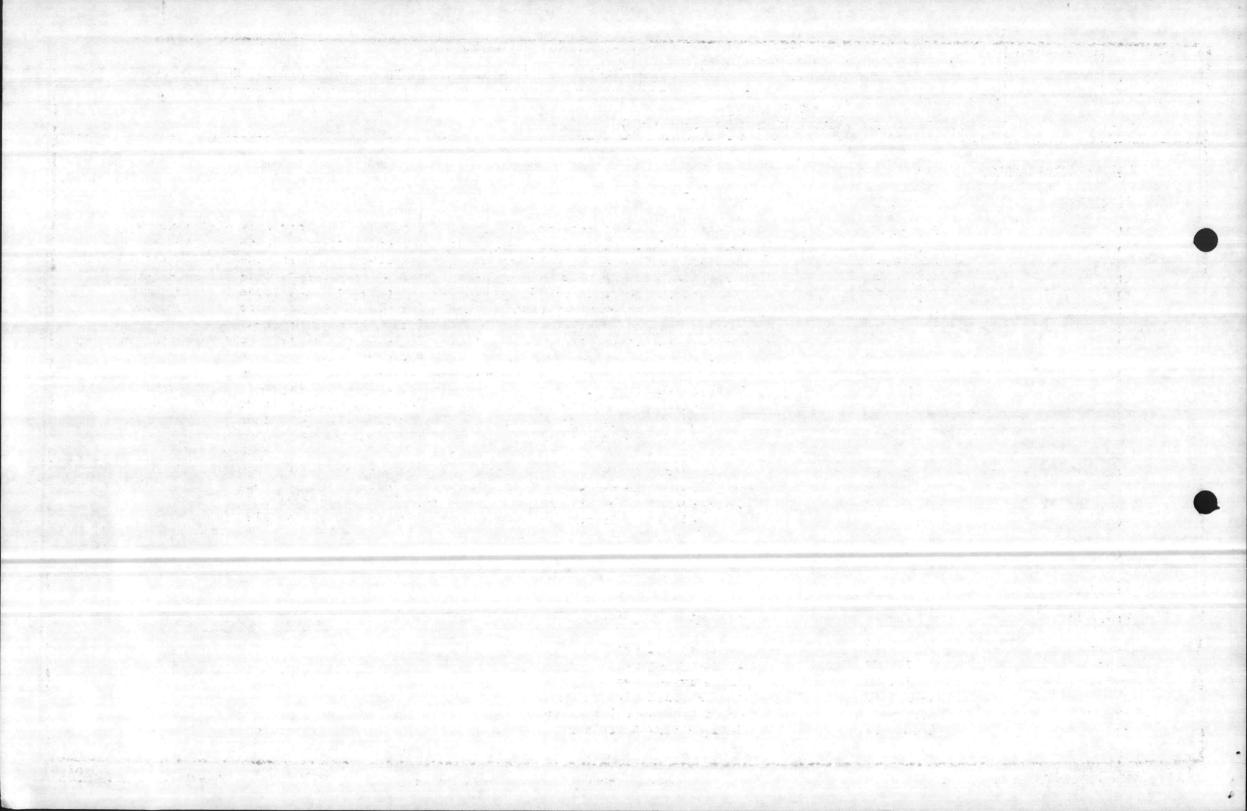
NAVFAC Dwg. No.	Area		
1293355	36,280	SF	
1293357	8,048	SF	
1293358	24,500	SF	
1293359 (3 x 29,775)	89,325	SF	
1293360	6,316	SF	
1293366	3,300	SF	
1293368	4,305	SF	
1293361	6,100	SF	
TOTAL	178,174	SF	

b. Existing Facilities

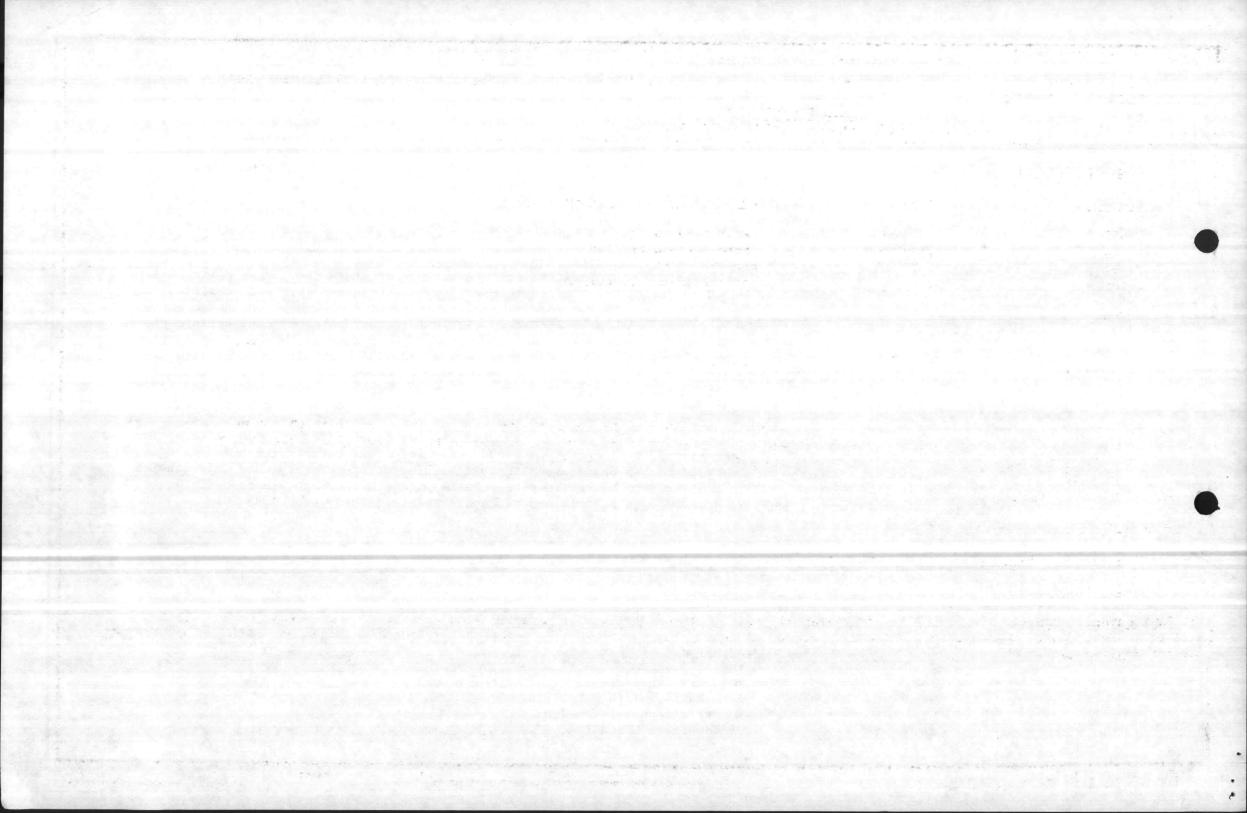
Blag. No.	Area
100	(2,678)SF
113	(1,830)SF

## Remarks

Substandard, to be retained temporarily for other category code deficiencies. Substandard, to be retained temporarily for other category code deficiencies.



DATE	2. FISCAL YEAR	WILLIAM CONC.	TRUCTION PROJECT DATA	3. DEPARTMENT	4. INSTALLATION
JUL 1975	1979	MILITARY CONS	(Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
PROJECT NUM	MBER	6. PROJECT TITLE	HADNOT POINT AREA		
P-1	75	FACTITTY STIDY.	ELEC & COMM MAINT SHOP	(DIV)	
1-1	13	TACINITI GIODI.	DDBO G COLLI TELEVI DITO	()	
Exi	sting Facilit	ies (continued)		i i i i i i i i i i i i i i i i i i i	as and communications T/E
Bld	g. No.	Area	Remarks		
					and in Indelinite was the Park ty wil 'llize'
218		(1,484)SF	Substandard	, to be retained	temporarily for other category code deficiencies.
234		(2,176)SF	Substandard	, to be retained	temporarily for other category code deficiencies.
505	/	(1,760)SF	Substandard	, to be retained	temporarily for other category code deficiencies.
513		(1,376)SF	Substandard	, to be retained	temporarily for other category code deficiencies.ou
52.5		· (2,383)SF	Substandard	to be retained	temporarily for other category code deficiencies.
414		(2,272)SF	Substandard	to be retained	temporarily for other category code deficiencies.
129		(960)SF	Substandard	to be retained	temporarily for other category code deficiencies.
134		(3,729)SF	Substandard	to be retained	temporarily for other category code deficiencies
200		(1,650)SF	Substandard	to be retained	temporarily for other category code deficiencies.
329		(3,369)SF	Substandard	to be retained	temporarily for other category code deficiencies.
529		(2,785(SF	Substandard	to be retained	temporarily for other category code deficiencies.
530		(2,212)SF	Substandard	to be retained	temporarily for other category code deficiencies.
531		(512)SF	Substandard	to be retained	temporarily for other category code deficiencies.
533		(1,865)SF	Substandard	to be retained	temporarily for other category code deficiencies.
441		(3,240)SF	Substandard	to be retained	temporarily for other category code deficiencies.
442		(1,705)SF	Substandard	to be retained	temporarily for other category code deficiencies.
			Substandard	to be retained	temporarily for other category code deficiencies.
444		(2,160)SF	Substandard	to be retained	and converted to category code 833-09.
323		(2,156)SF	Substandard	to be retained	and converted to category code 218-70.
900		(4,424)SF	Substandard		
and the		•		9/1	mible link)
TOT	IAL	-0-			1.110
c. Pla	nned Faciliti	les			V 4 A 1 18*
Pro	j. No.	Area	2D Marine D	ivision Organiza	
				V 1	erifumed by Dod (2701.36 supp 1974) I 1976-197
P-6		29,775 SF	Infantry Re	giment	Lower factor is omputed 10% per year with an
P-5		29,775 SF	Infantry Re		$\sim$ 1.
P-6	544	29,775 SF	Infantry Re		
P-2	229	36,280 SF	10th Marine	s (4th Battalion	) betar land, a mesh it fact (temporary W.L., )
P	229	3,300 SF			riot Point Area. The new endronics and communica
P-1	175	24,500 SF			cepairs, and repla ement of cloor corponent parts
		A Company of the Company			enisting facility:

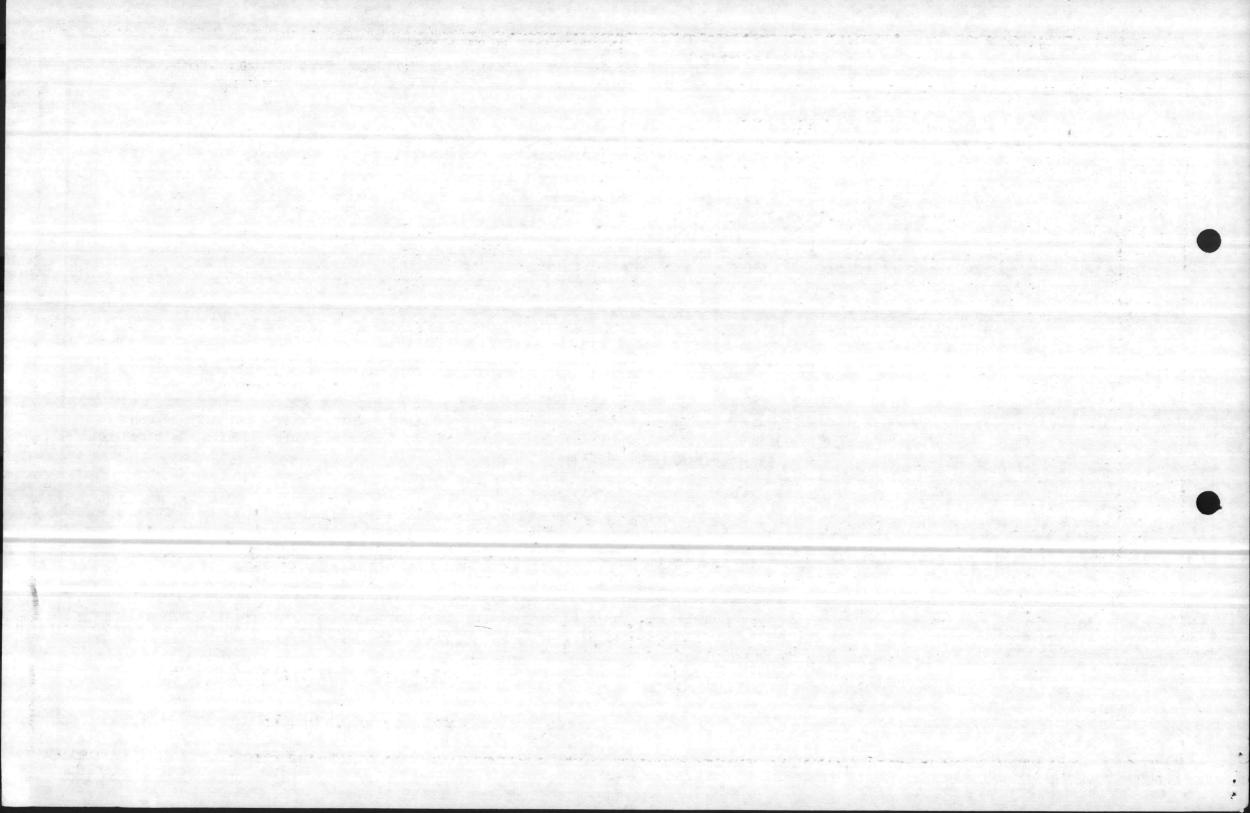


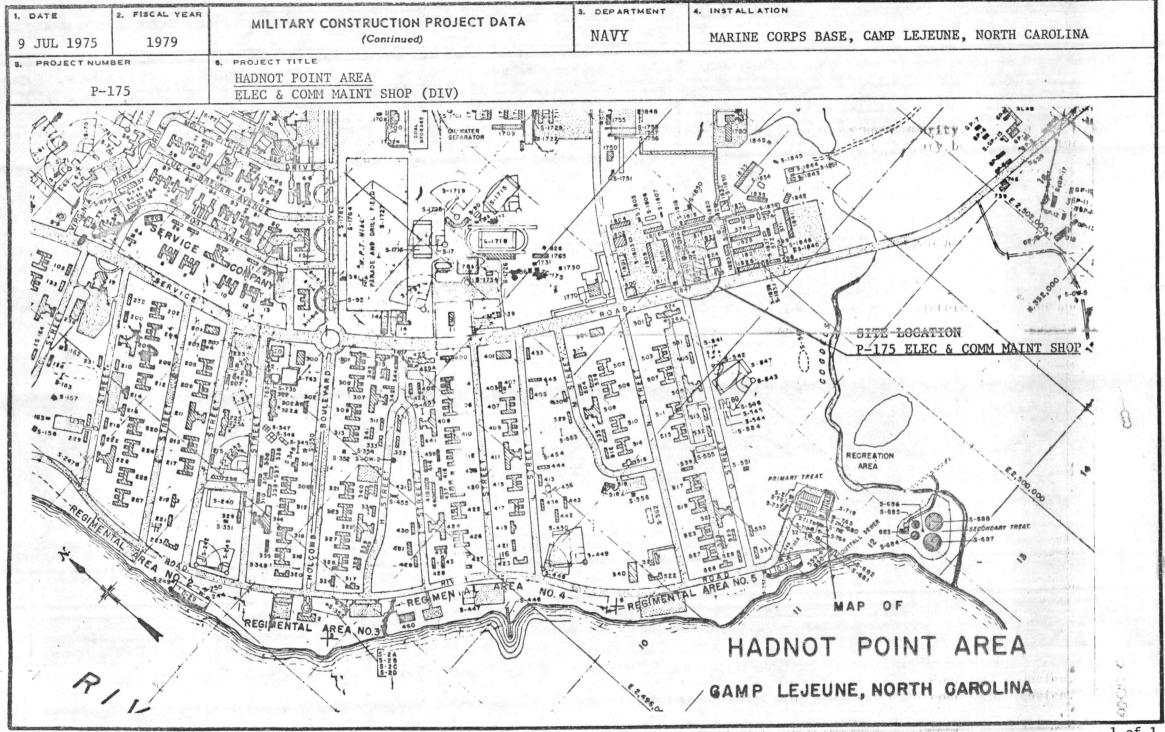
JUL 19	2. FISCAL YEAR 975 1979	MILITARY CONST	RUCTION PROJECT DATA (Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH	CAROLINA
	P-175	6. PROJECT TITLE FACILITY STUDY:	HADNOT POINT AREA ELEC & COMM MAINT SHOP	(DIV)		
	Planned Faciliti	es (continued)			dequate in space, storage and ecurity.	ee and 1
	Proj. No.	Area	2D Marine I	Division Organiza	ations	
	P-653 P-564 P-565	8,048 SF 6,100 SF 4,305 SF	Engineer Ba	Battalion	enging from the ceiling.	nazard,
	P-569 TOTAL	6,316 SF 178,175 SF	Reconnaissa		to the areas. These honters are muso a r	THE STATE OF
d.	Existing Facility Planned Faciliti		- )- 17( ,175 SF		hased on the mission of the H. quarters	Tion and
	BFRL TOTAL		178,175 SF			

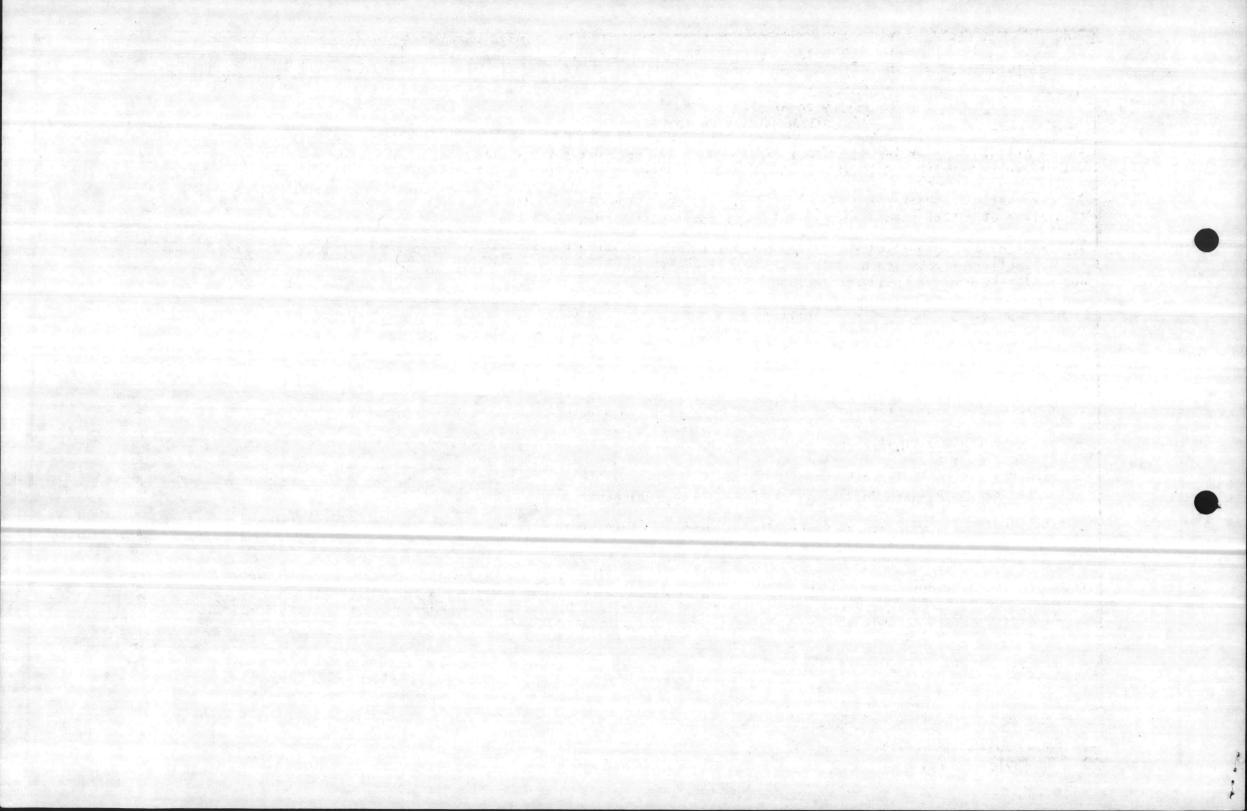
- 7. Common Support Facilities. An analysis has been made l, the requesting organizations and it was determined that a mutual agreement to share a common-use facility with other 2D Marine Division with within the Hadnot Point Area was not feasible. This decision was based on the amount and type of equipment these organizations rate by T/E and the missions.
- Effect of Other Resources. None
- 9. Siting of the Project. Enclosure (1)
- 10. Other Graphic Presentations. Enclosure (2)
- 11. Economic Analysis. N/A
- 12. Environmental Impact Statement. An environmental impact assessment has been made and it has been determined that this project will have neither a significant impact on the environment nor is it highly controversial. Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable.

and temporarily for other category code defletencies.

Page No. 1







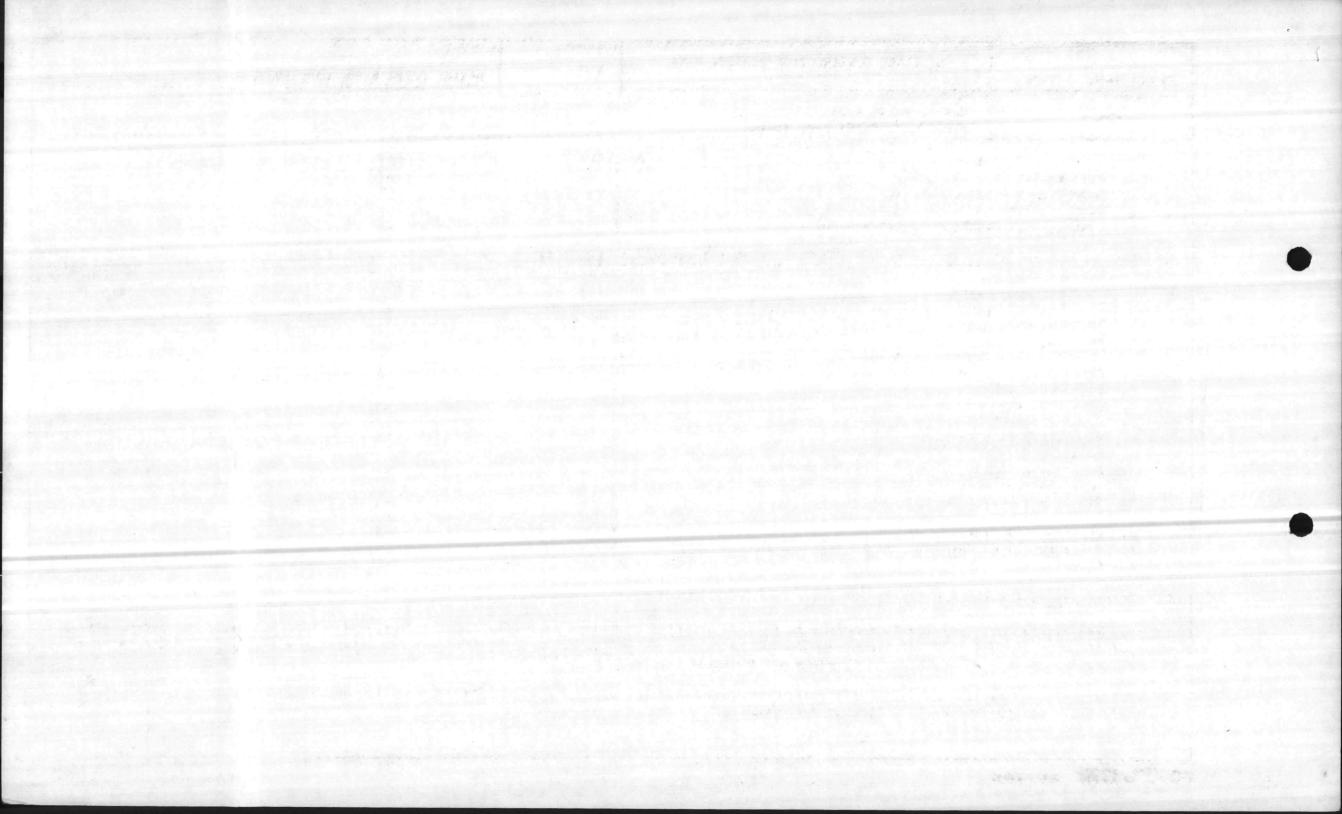
1. DATE 2. FISCA	AL YEAR		3. DEPARTMENT	4. INSTALLATION
23 OCT 1974 1	1978	MILITARY CONSTRUCTION PROJECT DATA (Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE
5. LINE ITEM NUMBER		6. LINE ITEM TITLE		
P-175		HADNOT POINT AREA ELECT/COMM MAINT SHOP (DIV)		

- 1. Function to be Performed. The performance of 1st and 2d echelon maintenance on the units communication and electronics equipment as authorized by the Table of Equipment (T/E) for the unit.
- 2. <u>Necessity for Performing this Function</u>. The condition of the units equipment is a command responsibility, insuring that the unit remains in a state of combat readiness. To this end, functionally adequate facilities must be provided.
- 3. Existing and Authorized Facilities Similar to the Requested Facility That Can Be Used for Performing This Function. The 2d Marine Division has no facilities that are useable for performing this function. The following buildings presently being used are masonry type WWII buildings and Butler-type metal buildings constructed in 1942-1943.

Building No.	Size (SF)	Type
1707 1704	4,554 4,396	Block, Cinder Wood
1703	4,396	Wood

- 4. Current and Planned Future Work Load with Regard to this Function.
- a. The present facilities are in use daily throughout the year. An average of 10 hours per work day for a 5-day work week is spent in the shops. After training exercises or deployments, the maintenance workload increases; consequently, many nights and weekends are required to perform the additional maintenance. The unit is responsible for performing 1st and 2d echelon maintenance on all items of communication and electronics equipment authorized by the Table of Equipment.
- b. The future workload is difficult to project at this time. However, it is expected to increase as the pre ænt equipment becomes older and new items are introduced into the system.
- 5. <u>Description of Construction Being Requested</u>. The duration of the need for the facility is indefinite. The buildings shall be of steel and masonry construction with concrete floor on grade with architectural motif similar to other shops in the area. The shop shall be in accordance with the designs contained in Definitive Designs For Marine Corps Facilities NAVFAC P-272, Part Four, NAVFAC Drawing No. 1293358. Each facility should include a hard stand holding area adjacent to the facility and an 8' high chain link fence with exterior security lighting enclosing the building.
- 6. List of Collateral Equipment to be Included in Line Item.

Item	Quantity		Unit	Cost
a Deluge shower w/eve wash		1	ea.	



1. DATE	2. FISCAL YEAR		3. DEPARTMENT	4. INSTALLATION	
23 OCT 1974	1978	MILITARY CONSTRUCTION PROJECT DATA (Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE	
S. LINE ITEM NUMBER		6. LINE ITEM TITLE			
P-17	5	HADNOT POINT AREA ELECT/COMM MAINT SHOP (DIV)			

	Item	Quantity	Unit	Cost
b.	Acid resistant sink	1	ea.	
c.	Underground vehicle exhaust	1	ea.	
d.	Water cooler	2	ea.	
e.	Exhaust hood overhead (Battery Shop)	1	ea.	

## 7. List of Collateral Equipment Associated With but Not Included in Line Item.

	Item	Quantity	Unit	Cost
a.	Benches, work portable 28"x34"x6' long	. 16	ea.	
Ъ.	Benches, work stationary 28" deep x 34" wide x 4'		ea.	
c.	Benches, work stationary 28" deep x 34" wide x 8'	long 5	ea.	
d.	14" wide shelving w/adj. standards (6'Hi.)	100 LF	LF	
e.	Parts bins adj. shelves 14" and 24" deep (6'Hi.)	70 LF	· LF	
f.	Desk D.P. FT SP	4	ea.	
g.	Desk D.P. type WD	16	ea.	
h.	Cabinet file 5 Dr.	8	ea.	
i.	Visual Sig File cabinet	4	ea.	*
j.	Bookcase base	8	ea.	
k.	Bookcase section	24 .	ea.	
1.	Bookcase top	8	ea.	
m.	Clothing locker	46	ea.	
n.	Blackboard	2	ea.	
0.	Chair swivel w/arms	4	ea.	
p.	Chair swivel w/o arms	16	ea.	
q.	Chair stack	50	ea.	

## 8. Justification for the New Facility.

- a. The maintenance facility is required to provide proper maintenance facilities for the performance of 1st and 2d echelon maintenance on major items of communication/electronic equipment as authorized by the Table of Equipment. The nature of work involves organizational maintenance, minor repair, replacement of parts and operator maintenance.
- b. The present facilities were built during WWII and Korea and all are substandard. The Butler buildings and concrete block structures presently being utilized have the following deficiencies.

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1. DATE	2. FISCAL YEAR	MILITARY CONCERNICATION DEGLECT DATA	3. DEPARTMENT	4. INSTALLATION
23 OCT 1974	1978	MILITARY CONSTRUCTION PROJECT DATA (Continued)	NAVY	MARINE CORPS BASE, CAMP LEJEUNE
5. LINE ITEM NUMBER P-175		HADNOT POINT AREA ELECT/COMM MAINT SHOP (DIV)		

- (1) Space. Bench space is restricted, parts stock rooms and tool rooms are inadequate in space, storage and security. Office space in most cases is non-existant. Repair areas are inadequate in that the structures were primarily built as temporary buildings in 1942-1943.
  - (2) Power. There is inadequate facilities for power transmission in the area.
  - (3) Lighting. Lighting in most cases consist of naked incandescent bulbs hanging from the ceiling, providing inadequate lighting.
- (4) Heating. Heating consists of oil-space heaters which fail to adequately heat the area. The heaters also create a safety hazard.
  - (5) Heads and Locker Facilities. In most areas, no head facilities or locker space is available.
  - (6) Parking. Parking areas are inadequate and mostly dirt, becoming mud during rainy weather.
- 9. Effects if the New Facility is Not Provided. The combat essential equipment deadline percentage in the 2d Marine Division is relatively high and will in all probability remain high until adequate maintenance facilities are provided.
- 10. Justification For the Size and Scope of the New Facility. The size and scope of the facility shall be in accordance with the provisions of NAVFAC P-272 Part Four, Definitive Designs for Marine Corps Facilities, NAVFAC Drawing No. 1293358.
- 11. Justification For the Type of Construction Planned. The duration of need for the maintenance shops is indefinite and the new construction should be compatible in style to the existing facilities within the Industrial Area.
- 12. Alternate Solution. There is no alternate solution.
- 13. Status of the Preliminary Engineering. NONE
- 14. Plans For the Facilities Being Replaced. Upon the completion of the planned facility, the existing buildings will be reported to higher headquarters as no longer required and recommend they be demolished.
- 15. Sketch Showing Planned Location of the New Facility. Enclosure (1).
- 16. Other Graphic Presentation. NONE

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1. DATE 2. FISCAL YE	AR 1	3. DEPARTMENT	4. INSTALLATION
23 OCT 1974 1978	MILITARY CONSTRUCTION PROJECT DATA	NAVY	MARINE CORPS BASE, CAMP LEJEUNE
5. LINE ITEM NUMBER P-175	HADNOT POINT AREA ELECT/COMM MAINT SHOP (DIV)		

- 17. Action. The requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. Use of air conditioning: Ceiling "U" factors will be made to conform with DoD 4270.1-M.
- 18. Pollution Prevention, Abatement and Control. This item will not cause any additional air or water pollution.

#### 19. Other.

a. Basis for Requirements. These requirements are based on Definitive Drawing No. 1293358 of NAVFAC P-272, Part 4, Aug 1971, and is reflected in the Hadnot Point BFRL. The approved requirement for Headquarters Battalion is 24,500 SF. The total requirement for Hadnot Point is 178,174 SF.

#### b. Existing Facilities

Bldg. No.	Area (SF)	Condition	. Bldg. No.	Area (SF)	Condition
100	2,678	Substandard	329	3,369	Substandard
113	1,830	Substandard	529	2,785	Substandard
218	1,484	Substandard	530	1,812	Substandard
234	2,176	Substandard	531	512	Substandard
505	1,760	Substandard	533	1,865	Substandard
513	1,376	Substandard	441	3,240	Substandard
525	2,383	Substandard	442	1,705	Substandard
414	2,272	Substandard	444	2,160	Substandard
129	960	Substandard	S-23	2,156	Substandard
134	3,729	Substandard	900	4,424	Substandard
200	1 650	Cubatandard		경우 10년 1일 중심한 사람이 되고 있었다. 등로	

TOTAL EXISTING FACILITIES - 46,326 SF

## c. Summary of Existing Facilities

Total Requirements -- 178,174 SF Existing -- 43,326 SF Existing Adequate -- 0 SF Deficiency -- 178,174 SF TANGE PROTECTION OF THE PART CASES CARRY IN THE PART OF THE PART O

1. DATE	2. FISCAL YEAR		3. DEPARTMENT	4. INSTALLATION
23 OCT 1974	1978	MILITARY CONSTRUCTION PROJECT DATA	NAVY	MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA
s. LINE ITEM NUMBER $P{-}1$	75 .	HADNOT POINT AREA ELECT/COMM MAINT SHOP (DIV)	and the second of the second o	

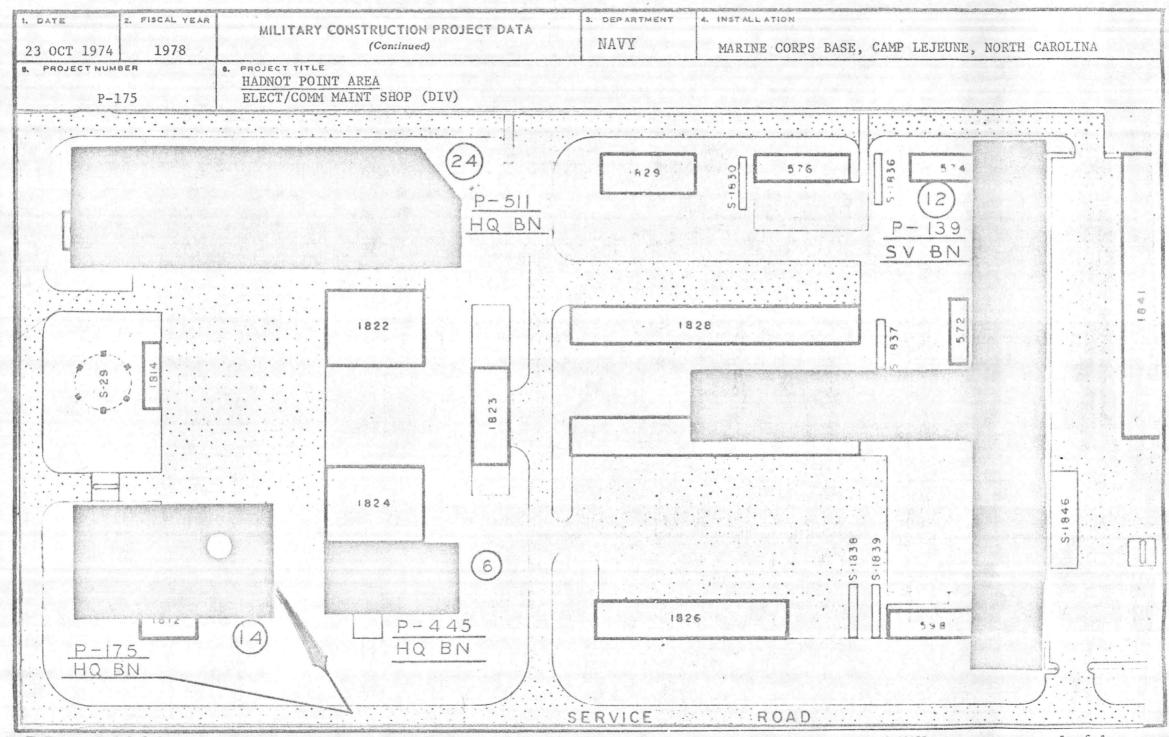
## d. Satisfaction of Deficiencies

P-UNUM	29,775 SF	7	Marine Infantry Regiment
P-527	29,775 SF	7	Marine Infantry Regiment
P-528	29,775 SF	7	Marine Infantry Regiment
P-229	36,280 SF		4th Battalion, 10th Marines
P-531	3,300 SF	7	Motor Transport Battalion
P-175	24,500 SF	1	Headquarters Battalion
P-UNUM	8,048 SF	7	Service Battalion
P-564	6,100 SF	7	Shore Party Battalion
P-565	4,305 SF	7	Engineer Battalion
P-569	6,316 SF		Reconnaissance Battalion

TOTAL -- 178,174 SF

e. <u>Disposition of Vacated Facilities</u>. Building 1812 will be demolished for P-175. The disposition of the remainder of the existing facilities will be determined at an appropriate time.

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PLATE NO. 14215

B-18277

Page No. 1 of 1 Enclosure (1)

