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# DEPARTMENT OF THE NAVY JUSTIFICATIONS OF ESTIMATES FOR FISCAL YEAR 1984 (U)



SUBMITTED TO CONGRESS JANUARY 1983

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**PROCUREMENT , MARINE CORPS**

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DEPARTMENT OF THE NAVY  
 PROCUREMENT, MARINE CORPS  
 Justification of Estimates for Fiscal Year 1984

Table of Contents

	<u>Page</u>
Budget Appendix Extract.....	1
Budget Activity Justification.....	9
Budget Activity 1: Ammunition.....	9
Budget Activity 2: Weapons and Tracked Combat Vehicles.....	10
Budget Activity 3: Guided Missiles and Equipment.....	11
Budget Activity 4: Communications and Electronics Equipment.....	12
Budget Activity 5: Support Vehicles.....	14
Budget Activity 6: Engineer and Other Equipment.....	15
Consultants, Studies and Analysis, and Management Support Contracts.....	17

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**PROCUREMENT, MARINE CORPS**

For expenses necessary for the procurement, manufacture, and modification of missiles, armament, ammunition, military equipment, spare parts, and accessories therefor; plant equipment, appliances, and machine tools, and installation thereof in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and vehicles for the Marine Corps, including purchase of not to exceed (one hundred and forty-three) two hundred and four passenger motor vehicles for replacement only; (\$2,008,083) \$1,852,049 to remain available for obligation until September 30, (1985) 1986. (10 U.S.C. 5031 7201; 31 U.S.C. 1301; Department of Defense Appropriation Act, 1983; additional authorizing legislation to be proposed.)

Navy		TRODDEN	Carneck	Procurement, Marine Corps			Summary		
Program and Financing (in thousands of dollars)							Summary		
Identification code	17-1109-0-1-051	Budget plan (amounts for procurement actions programmed)			Obligations				
		1982 actual	1983 est.	1984 est.	1982 actual	1983 est.	1984 est.		
<b>Program by activities:</b>									
<b>Direct:</b>									
	1. Ammunition	307,413	444,209	484,281	307,789	429,315	482,302		
	2. Weapons and combat vehicles	432,805	481,648	415,313	384,645	485,642	415,738		
	3. Guided missiles and equipment	213,847	242,860	171,215	215,273	235,591	175,343		
	4. Communications and electronics equipment	321,788	429,789	346,779	184,795	239,492	327,801		
	5. Support vehicles	152,156	185,549	279,658	99,941	180,003	238,000		
	6. Engineer and other equipment	281,367	213,328	154,773	91,427	163,818	218,814		
	<b>Total direct</b>	<b>1,709,456</b>	<b>1,977,383</b>	<b>1,852,049</b>	<b>1,283,820</b>	<b>1,734,861</b>	<b>1,858,996</b>		
	Reimbursable program	1,534		3,100		1,059	3,366		
10.0001	<b>Total</b>	<b>1,710,990</b>	<b>1,977,383</b>	<b>1,855,149</b>	<b>1,283,820</b>	<b>1,735,920</b>	<b>1,862,362</b>		
<b>Financing:</b>									
<b>Offsetting collections from:</b>									
11.0001	Federal funds	-1,534		-3,100	-1,552		-3,100		
17.0001	Recoveries of prior year obligations(-)				-18,562				
<b>Unobligated balance available, start of year:</b>									
21.4001	For completion of prior year budget plans				-180,164	-596,684	-838,147		
21.4002	Reprogramming from or to prior year budget plan	-7,230							
24.4001	Unobligated balance available, end of year				596,684	838,147	830,934		
25.0001	Unobligated balance lapsing	7,230			7,230				
39.0001	<b>Budget authority</b>	<b>1,709,456</b>	<b>1,977,383</b>	<b>1,852,049</b>	<b>1,709,456</b>	<b>1,977,383</b>	<b>1,852,049</b>		
<b>Budget authority:</b>									
40.0001	Appropriation	1,711,456	2,008,083	1,852,049	1,711,456	2,008,083	1,852,049		
40.0002	Reduction pursuant to P.L. 97-377		-11,200			-11,200			
41.0001	Transferred to other accounts(-)	-2,000	-19,500		-2,000	-19,500			
43.0001	<b>Appropriation (adjusted)</b>	<b>1,709,456</b>	<b>1,977,383</b>	<b>1,852,049</b>	<b>1,709,456</b>	<b>1,977,383</b>	<b>1,852,049</b>		
<b>Relation of obligations to outlays:</b>									
71.0001	Obligations incurred, net				1,282,268	1,735,920	1,859,262		
72.4001	Obligated balance, start of year				696,807	1,583,580	2,547,800		
74.4001	Obligated balance, end of year				-1,583,580	-2,547,800	-3,169,562		
77.0001	Adjustments in expired accounts				682				
78.0001	Adjustments in unexpired accounts				-18,562				
90.0001	<b>Outlays</b>				<b>381,615</b>	<b>771,700</b>	<b>1,237,500</b>		

Navy		TRODDEN	Carnack	Procurement, Marine Corps	Summary		
Object Classification (in thousands of dollars)				1982 actual	1983 est.	1984 est.	
Identification code 17-1109-0-1-051							
Direct obligations:							
126.001	Supplies and materials			305,972	429,315	462,302	
131.001	Equipment			977,646	1,305,546	1,376,694	
199.001	Total direct obligations			1,283,620	1,734,861	1,858,996	
Reimbursable obligations:							
231.001	Equipment				1,059	3,366	
999.901	Total obligations			1,283,620	1,735,920	1,862,362	

Navy		TRODDEN	Carmack	Procurement, Marine Corps			1980 Fiscal year program				
Program and Financing (in thousands of dollars)							Obligations				
Identification code		17-1108-0-1-051					Budget plan (amounts for procurement actions programmed)				
		1982 actual			1983 est.		1984 est.		1982 actual	1983 est.	1984 est.
Program by activities:											
Direct:											
1. Ammunition									5,142		
2. Weapons and combat vehicles									1,950		
3. Guided missiles and equipment									384		
4. Communications and electronics equipment									20,828		
5. Support vehicles									1,138		
6. Engineer and other equipment									8,427		
10.0001 Total									37,877		
Financing:											
Offsetting collections from:											
11.0001 Adjustment to prior year federal fund order									-1		
17.0001 Recoveries of prior year obligations(-)									-3,738		
Unobligated balance available, start of year:											
21.4001 For completion of prior year budget plans									-41,970		
21.4002 Reprograming from or to prior year budget plan		-7,230									
25.0001 Unobligated balance lapsing		7,230							7,230		
40.0001 Budget authority											

Navy		TRODDEN	Carneck	Procurement, Marine Corps			1981 Fiscal year program		
Program and Financing (in thousands of dollars)							1981 Fiscal year program		
Identification code		Budget plan (amounts for procurement actions programmed)					Obligations		
17-1109-0-1-051		1982 actual	1983 est.	1984 est.	1982 actual	1983 est.	1984 est.		
Program by activities:									
Direct:									
	1.	Ammunition				1,728	831		
	2.	Weapons and combat vehicles				42,888	18,580		
	3.	Guided missiles and equipment				6,075	871		
	4.	Communications and electronics equipment				22,286	12,585		
	5.	Support vehicles				2,282	368		
	6.	Engineer and other equipment				11,696	14,669		
		Total direct				85,957	44,804		
		Reimbursable program					876		
10.0001		Total				85,957	45,680		
Financing:									
Offsetting collections from:									
11.0001		Adjustment to prior year federal fund order				-17			
17.0001		Recoveries of prior year obligations(-)				-12,626			
21.4001		Unobligated balance available, start of year				-118,794	-45,680		
24.4001		Unobligated balance available, end of year				45,680			
40.0001		Budget authority							

Navy		TRODDEN	Cannack	Procurement, Marine Corps			1982 Fiscal year program		
Program and Financing (in thousands of dollars)							1982 Fiscal year program		
Identification code	17-1109-0-1-051	Budget plan (amounts for procurement actions programmed)			Obligations				
		1982 actual	1983 est.	1984 est.	1982 actual	1983 est.	1984 est.		
Program by activities:									
Direct:									
	1.	Ammunition	307,413			300,929	6,484		
	2.	Weapons and combat vehicles	432,805			339,807	78,662	14,336	
	3.	Guided missiles and equipment	213,847			209,744	4,020	183	
	4.	Communications and electronics equipment	321,766			141,681	100,087	80,000	
	5.	Support vehicles	152,156			96,521	49,635	6,000	
	6.	Engineer and other equipment	281,367			71,304	106,549	103,514	
		Total direct	1,709,456			1,159,966	345,437	204,033	
		Reimbursable program	1,534				183	1,351	
10.0001		Total	1,710,990			1,159,966	345,620	205,384	
Financing:									
Offsetting collections from:									
11.0001		Federal funds	-1,534			-1,534			
21.4001		Unobligated balance available, start of year					-551,004	-205,384	
24.4001		Unobligated balance available, end of year				551,004	205,384		
39.0001		Budget authority	1,709,456			1,709,456			
Budget authority:									
40.0001		Appropriation	1,711,456			1,711,456			
41.0001		Transferred to other accounts(-)	-2,000			-2,000			
43.0001		Appropriation (adjusted)	1,709,456			1,709,456			

Navy		TRODDEN	Carnack	Procurement, Marine Corps			1983 Fiscal year program		
Program and Financing (in thousands of dollars)							1983 Fiscal year program		
Identification code		Budget plan (amounts for procurement actions programmed)			Obligations				
17-1109-0-1-051		1982 actual	1983 est.	1984 est.	1982 actual	1983 est.	1984 est.		
Program by activities:									
Direct:									
	1.	Ammunition	444,209			422,000	22,209		
	2.	Weapons and combat vehicles	461,648			392,400	46,000		
	3.	Guided missiles and equipment	242,860			230,700	12,160		
	4.	Communications and electronics equipment	429,799			126,620	192,608		
	5.	Support vehicles	165,549			130,000	37,000		
	6.	Engineer and other equipment	213,328			42,700	65,300		
10.0001	Total		1,977,383			1,344,620	395,477		
Financing:									
21.4001	Unobligated balance available, start of year								-632,763
24.4001	Unobligated balance available, end of year						632,763		237,286
39.0001	Budget authority		1,977,383			1,977,383			
Budget authority:									
40.0001	Appropriation		2,008,083			2,008,083			
40.0002	Reduction pursuant to P.L. 97-377		-11,200			-11,200			
41.0001	Transferred to other accounts(-)		-19,500			-19,500			
43.0001	Appropriation (adjusted)		1,977,383			1,977,383			

Navy	TRODDEN	Carneck	Procurement, Marine Corps			198-	ical year program
Program and Financing (in thousands of dollars)					198-	ical year program	
Identification code 17-1109-0-1-051					Budget plan (amounts for procurement actions programed)	Obl	ons
					1982 actual	1983 est.	1984 est.
					1982 actual	19	t 1984 est.
<b>Program by activities:</b>							
<b>Direct:</b>							
	1.	Ammunition	.....	.....	484,281	.....	460,093
	2.	Weapons and combat vehicles	.....	.....	415,313	.....	356,400
	3.	Guided missiles and equipment	.....	.....	171,216	.....	163,000
	4.	Communications and electronics equipment	.....	.....	346,779	.....	54,993
	5.	Support vehicles	.....	.....	279,688	.....	195,000
	6.	Engineer and other equipment	.....	.....	154,773	.....	30,000
		<b>Total direct</b>	.....	.....	<b>1,852,049</b>	.....	<b>1,259,486</b>
		Reimbursable program	.....	.....	3,100	.....	2,015
10.0001		<b>Total</b>	.....	.....	<b>1,855,149</b>	.....	<b>1,261,501</b>
<b>Financing:</b>							
<b>Offsetting collections from:</b>							
11.0001		Federal funds	.....	.....	-3,100	.....	-3,100
24.4001		Unobligated balance available, end of year	.....	.....	.....	.....	593,648
40.0001		Budget authority	.....	.....	<b>1,852,049</b>	.....	<b>1,852,049</b>

Budget Activity 1: Ammunition

(In Thousands of Dollars)

FY 1985 Auth Est \$527,551

FY 1984 Estimate \$484,281

FY 1983 Estimate \$444,209

FY 1982 Actual \$307,413

Purpose and scope of work

This activity provides for the Marine Corps' annual peacetime training needs and the acquisition of war reserve stocks for use in the event of mobilization. Munitions included in the request include tank and artillery munitions, mortar and small arms ammunition, mines, fuzes, demolitions and pyrotechnic devices, and other ammunition items.

Justification of funds

The Fiscal Year 1984 program is intended to support Marine Corps worldwide training consumption, procurement of modern hardware and build up of war reserve stocks. Funds requested will enhance Marine Corps readiness and combat sustainability since they will permit progress toward achievement of Fiscal Year 1984 authorized acquisition objectives. The Fiscal Year 1984 budget breaks down into the following major categories: Linear Charges, all types \$15.0 million; Small Arms Ammo, all types \$27.7 million; Machine Gun Ammo, all types \$50.3 million; 155mm Ammo, all types \$194.0 million; 155mm Copperhead, \$24.9 million; Mortar Ammo, all types \$28.1 million; Grenades, all types \$9.5 million; Rockets, all types \$4.9 million; 8" Ammo, all types \$59.7 million; Anti-Armor Ammo, all types \$5.0 million; Fuzes, all types \$36.3 million; Training Ammo, all types \$7.7 million; Ammunition Modernization \$16.5 million; Items costing less than \$900,000 each \$4.8 million. The total Fiscal Year 1984 program is \$484.3 million.

The Fiscal Year 1985 program continues the procurement of Marine Corps Ammunition through the Fiscal Year 1985 Authorization request. This program identifies a funding requirement of \$527.6 million for the following major categories: Linear Charges, all types \$15.7 million; Small Arms Ammo, all types \$30.1 million; Machine Gun Ammo, all types \$31.3 million; 155mm Ammo, all types, \$160.5 million; Mortar Ammo, all types \$90.8 million; Grenades, all types \$10.0 million; Rockets, all types \$36.4 million; 8" Ammo, all types \$89.9 million; Anti-Armor Ammo, all types \$5.3 million; Fuzes, All types \$19.5 million. Training Ammo, all types \$20.1 million; Ammo Modernization \$14.5 million and Items costing less than \$900,000 each, totalling \$3.5 million.

Budget Activity 2: Weapons and Tracked Combat Vehicles

(In Thousands of Dollars)  
FY 1985 Auth Est \$303,079  
FY 1984 Estimate \$415,313  
FY 1983 Estimate \$461,648  
FY 1982 Actual \$432,805

Purpose and scope of work

This activity supports procurement of armored vehicles, amphibious vehicles, artillery, and small arms. It also supports acquisition of weapons and tracked combat vehicle associated equipment, modification kits, and initial and replenishment spares.

Justification of Funds

Each of the major items contained in this FY 1984 request is discussed below:

LVT7A1 - \$115.3 million is requested to procure a total of 153 vehicles.

LVT7 Service Life Extension Program (SLEP) - \$162.0 million is requested for procurement of kits for the continuation of the SLEP program for LVT7 Vehicles and advance procurement. The LVT7 SLEP is a product improvement program designed to extend the useful life of the present amphibian vehicle to 1989 or beyond.

LAV - \$78.5 million is requested for the acquisition of a light armored vehicle family, fully equipped with armament, fire-control systems, support equipment and supplies. These vehicles will be used to begin formation of a rapidly deployable combat unit equipped with highly transportable armored vehicles. FY 1984 funding will support the acquisition of 113 vehicles.

Spares, Repair Parts, and Modification Kits - \$13.3 million is requested for initial and replenishment spares and repair parts for Weapons and Tracked Combat Vehicles. Such support is essential for the fielding of new items of equipment and the continued support of items already in the field.

M2 Machine Gun, 50 Cal - \$9.6 million is requested for the procurement of 1184 machine guns required in support of the Maritime Prepositioned Ships (MPS) program. The M2 is the current heavy machine gun in use.

Machine Gun, Light, Squad Automatic (SAW) 5.56mm - \$3.8 million is requested for the procurement of 1000 of these light machine guns.

Rifle, 5.56mm, M16A1 - \$18.1 million is requested to provide for the replacement of existing rifles worn out in service with an improved version that includes improvements in reliability and operational capability. A total of 36999 rifles will be procured in FY 1984.

Machine Gun, 40mm, MK19 - \$5.5 million is requested for the procurement of 200 of these machine guns.

Explosive Ordnance Disposal (EOD) Equipment - \$1.0 million is requested for procurement of special equipment required to perform the EOD mission.

Shoulder-fired Multi-purpose Assault Weapons (SMAW) - \$4.7 million is requested for procurement of 600 SMAW's urgently needed within the infantry units.

9mm Handgun - \$2.0 million is requested to replace 6053 of the current service pistols.

Items Less than \$900,000 - A total of \$1.5 million is requested for mortars, Marine Corp Rifle Team equipment, explosive ordnance disposal items, artillery fire control equipment, and modifications for tracked vehicles and artillery associated equipment.

The Fiscal Year 1985 Authorization request identifies requirements for \$303.1 million within this budget activity - \$131.4 million is requested for the continuation of the LVT7 Service Life Extension Program; \$81.9 million for procurement of 117 LAV's; \$13.6 million for artillery computer systems; \$55.1 million for small arms and mortars; \$18.5 million for spares and repair parts; \$2.4 million for modification kits; and \$0.2 million for minor programs costing less than \$900,000 each.

Budget Activity 3: Guided Missiles and Equipment

(In Thousands of Dollars)

FY 1985 Auth Est \$286,316

FY 1984 Estimate \$171,215

FY 1983 Estimate \$242,860

FY 1982 Actual \$213,947

Purpose and scope of work

This activity supports procurement of surface-to-air guided missiles, surface-to-surface anti-tank guided missiles, and related ground support equipment. Funds requested are essential to support continuing efforts to enhance the air defense and anti-tank/assault capabilities of Marine Corps ground forces.

Justification of funds

Each of the major items contained in the FY 1984 request total \$171.2 million and are discussed below:  
Improved HAWK Missile System - \$101.6 million is requested for 400 HAWK Missiles and related support equipments. This procurement continues the program to equip three HAWK battalions with four TRIAD batteries each.

STINGER Missile System - \$40.0 million is requested for 706 STINGER missiles and system equipment representing the fifth year of a planned nine year program designed to meet inventory objectives. The STINGER replaces the obsolete REDEYE missile, having greater accuracy and significantly improved engagement/attack capability.

Spares and Repair Parts - \$4.3 million is requested for initial and replenishment spares and repair parts. Such support is essential to the fielding of new items of equipment and the continued support of items already in the field.

TOW Missile System - \$25.3 million is requested for 2200 TOW Missiles and support equipment for the USMC Mobility Enhancement Program.

The Fiscal Year 1985 Authorization request of \$286.3 million dollars finances the following programs: \$26.3 million for HAWK missile modifications; \$131.5 million for HAWK Missiles; \$75.5 million for STINGER missiles and support equipment; \$5.3 million for initial and replenishment spare parts; and \$47.8 million for the TOW Missile Program.

Budget Activity 4: Communications and Electronics Equipment

(In Thousands of Dollars)

FY 1985 Auth Est \$602,477

FY 1984 Estimate \$346,779

FY 1983 Estimate \$429,789

FY 1982 Actual \$321,768

Purpose and scope of work

This activity supports acquisition of communications and electronic systems essential to the conduct of modern amphibious warfare. Programs involved include tactical radios and equipment, telephone and teletype equipment, command and control systems, radars and radar equipment, intelligence/communications equipment, repair and test equipment, night vision equipment, equipment modification, and spares and repair parts.

Justification of funds

Funds requested for Fiscal Year 1984 total \$346.8 million and are vital for modernization and improvement of the Marine Corps' communications/electronics posture to insure that combat units are afforded the latest electronics advantages and protection.

This request includes the following telecommunications equipment: \$37.4 million for tactical radios and equipment; \$62.8 million for telephone and teletype equipment; \$6.4 million for repair and test equipment (Tel); \$1.0 million for test calibration and maintenance support; \$28.3 million for initial and replenishment spares and repair parts; \$7.0 million for modification kits and \$1.5 million for essential minor programs costing less than \$900,000 each.

For non-telecommunications equipment, this request includes: \$52.3 million for Position Location Reporting Systems (PLRS); \$2.4 million for TDCC AN/TYQ-3A; \$7.5 million for Intelligence Analysis Center; \$2.4 million for Radar Bombing Sets AN/TFB-1C; \$8.7 million for Automatic Atmospheric Sounding Set; \$6.4 million for Electronic Test Equipment (Non-Tel); \$17.7 for All Night Sights; \$0.8 million for Battery Charger; \$43.7 million for Modular Universal Laser Equipment (MULE); \$22.9 million for Automatic Data Processing Equipment (ADPE); \$1.7 million for Test Calibration and Maintenance Support Equipment (Non-Tel); \$22.8 million for initial and replenishment spares; \$12.9 million for modification kits; and \$0.8 million for essential items costing less than \$900,000 each.

The Fiscal Year 1985 request totals \$602.5 million and includes the following telecommunications equipment man/vehicle radios \$ 86.2 million; telephone and teletype equipment \$ 86.2 million; repair and test equipment \$10.1 million; and other communications electronic equipment comprised of test calibration and maintenance support equipment, spares and repair parts, modification kits, and essential items costing less than \$900,000 which totals \$47.4 million.

The Fiscal Year 1985 request for non-telecommunications equipment includes the following: command and control systems \$132.7 million; radars and equipment \$18.5 million; intelligence/communications equipment \$38.6 million; repair and test equipment \$10.0 million; other communications electronic equipment (night vision goggles, night vision sights AN/TVS 5 and AN/PVS 4, TOW night sight, Dragon night sight, laser observation set, modular universal laser equipments, productivity investment, and automated data processing equipment) totalling \$95.3 million; and other support equipment (test and calibration equipment, spares and repair parts, modification kits, and items costing less than \$900,000) totalling \$77.5 million.

Budget Activity 5: Support Vehicles

(In Thousands of Dollars)  
FY 1985 Auth Est \$281,981  
FY 1984 Estimate \$279,688  
FY 1983 Estimate \$185,549  
FY 1982 Actual \$152,156

Purpose and scope of work

This activity supports procurement of commercial passenger and cargo vehicles required in support of Marine Corps-wide post and station operations and tactical vehicles required by deployable operation and support forces. Included in the category of commercial passenger and cargo vehicles are: sedans, station wagons, and buses; general and special purpose heavy and light trucks; firefighting, refuse collection, and tanker trucks; and various types of trailers. Tactical vehicles procured under this activity consist of military designed prime movers and general purpose vehicles equipped as needed for support of combat operations.

Justification of funds

Funds requested in Fiscal Year 1984 commercial passenger and cargo vehicles will support acquisition of 204 replacement commercial passenger vehicles at a cost of \$2.7 million and commercial cargo vehicles at a cost of \$16.8 million. In each instance, funds requested represent the minimum funding, considered essential for incremental elimination of over-age/over-mileage vehicles in the current fleet while striving to fill authorized allowances. Other requirements in this activity consist of \$91.7 million for the High Mobility Multi-wheeled Vehicles (HMMWV); \$2.0 million for the aircraft fire and rescue vehicles; \$86.6 million for 1010 of the 5-ton family of vehicles; \$13.4 million for the 5 Ton Retrofit Program; \$30.5 million for Logistics Vehicle System; \$19.9 million for the Commercial Utility Cargo Vehicle; \$3.5 million for trailers of all types; \$0.8 million for Lube and Service Units; \$0.6 million for Shop Sets; \$8.7 million for initial and replenishment spares and repair parts; \$0.1 million for modification kits; and \$2.3 million for essential minor programs costing less than \$900,000.

The Fiscal Year 1985 request for support vehicles totals \$282.0 million and breaks down into the following major areas: \$24.1 million for commercial passenger/cargo vehicles; \$102.5 million for the HMMWV Truck; \$3.0 million for the A/C fire and rescue vehicle; \$40.8 million for the 5 Ton Family of Vehicles; \$17.3 million for the 5 Ton Retrofit Program; \$75.4 million for the Logistics Vehicle System; \$5.1 million for all types of trailers; \$0.5 million for the Shop Sets; \$3.0 million for Lube and Service Units; \$8.7 million for spares and repair parts; \$0.1 million for modification kits; and \$1.5 million for essential items costing less than \$900,000 each.

Budget Activity 6: Engineer and Other Equipment

(In Thousands of Dollars)  
FY 1985 Auth Est \$170,991  
FY 1984 Estimate \$154,773  
FY 1983 Estimate \$213,328  
FY 1982 Actual \$281,367

Purpose of scope of work

This activity provides for acquisition of combat and service support requirements for earthmoving construction, and material handling equipment, power generating and environmental control equipment, for fuel dispensing systems, special training devices, and miscellaneous investment type plant equipment support of Marine Corps posts and stations.

Justification of funds

Funds requested for Fiscal Year 1984 total \$154.8 million and are identified with the following programs: \$0.9 million for pump refueler fuel dispenser; \$3.8 million for environmental control equipment; \$1.1 million for compressors; \$1.0 million for excavators; and \$1.6 million for rollers; \$13.4 million for all tractors; shop sets for \$3.9 million; \$0.2 million for fork lift attachment with 10,000 pound capacity; \$3.3 million for refrigeration units; \$2.4 million for refrigeration boxes; \$1.3 million for floodlight sets; \$4.5 million for water supply systems; \$2.7 million for a fuel, water, pump and storage module; \$4.8 million for amphibious assault fuel systems; \$1.8 million for tactical airfield fuel dispensing systems; \$1.4 million for boat bridges; \$10.9 million for medium girder bridges; \$8.9 million for assorted power equipment; \$17.5 million for command support equipment; \$6.2 million for productivity investment; \$6.8 million for garrison mobile engineering equipment; \$4.1 million for automatic material handling equipment; \$0.9 million for HQMC Items; \$3.4 million for material handling equipment; \$0.1 million for field medical equipment; \$1.7 million special training devices; \$4.4 million for position azimuth determination systems; \$26.7 million for a family of shelters; \$1.4 million for the chemical alarm systems; \$1.2 million for decontamination apparatus; \$8.7 million for initial and replenishment spares and repair parts; and \$3.9 million for essential minor programs costing less than \$900,000 each.

The Fiscal Year 1985 request is broken down into the following major areas: \$0.9 million for fuel dispensers; \$1.0 million for mine clearance kits; \$6.8 million for environmental control equipment; \$8.0 million for runway sweepers; \$3.9 million for shop equipment; \$2.0 million for laundry units; \$1.7 million for field bath units; \$4.8 million for refrigeration units/boxes; \$0.8 million for floodlight sets; \$11.2 million for reverse osmosis water purification units; \$4.8 million for water supply support systems; \$6.6 million for fuel, water, pump and storage modules; \$5.1 million for amphibious assault fuel systems; \$2.6 million for tactical airfield fuel dispensing systems; \$11.6 million for medium girder bridges; \$10.3 million for assorted power equipment; \$17.3 million for various types of tractors; \$13.1 million for various types of forklifts; \$9.7 million for command support equipment; \$7.9 million for garrison mobile engineer equipment; \$4.5 million for automatic material handling equipment; \$1.2 million for HMC items; \$3.7 million for material handling equipment; \$0.1 million for field medical equipment; \$4.8 million for special training devices; \$9.5 million for the shelter family; \$1.6 million for the chemical alarm systems; \$1.3 million for decontamination apparatus; \$11.0 million for spares and repair parts; and \$3.2 million for essential items costing less than \$900,000 each.

Special Analysis  
 Consultants, Studies and Analyses  
 and Management Support Contracts  
 (Dollars in Thousands)

Appropriation: PMC

Date:

	<u>FY 1982</u>	<u>FY 1983</u>	<u>FY 1984</u>
A. <u>Experts and Consultants</u>	-	-	-
1. Personnel Appointments	-	-	-
a. Experts	-	-	-
b. Consultants	-	-	-
(1) Federal Advisory Committee Members	-	-	-
(2) All Other Appointed Consultants	-	-	-
B. <u>Contract Studies and Analyses</u>	-	-	-
1. Consulting Services	-	-	-
2. Other	-	-	-
C. <u>Professional and Management Services by Contract</u>	<u>883</u>	<u>1151</u>	<u>1712</u>
1. Program Management Support	530	650	1025
a. Consulting Services	-	-	-
b. Other	530	650	1025

2. Policy Review and Development	-	-	-
a. Consulting Services	-	-	-
b. Other	-	-	-
3. Specification Development	-	-	-
a. Consulting Services	-	-	-
b. Other	-	-	-
4. System Engineering	<u>353</u>	<u>501</u>	<u>587</u>
a. Consulting Services	-	-	-
b. Other	353	501	587
5. Technology Sharing/Utilization	-	-	-
a. Consulting Services	-	-	-
b. Other	-	-	-
6. Logistic Support Services	-	-	100
a. Consulting Services	-	-	-
b. Other	-	-	100

7. Technical Data Collection	=	=	=
a. Consulting Services	-	-	-
b. Other	-	-	-
8. Other Professional and Management Services by Contract	-	-	-
a. Consulting Services	-	-	-
b. Other	-	-	-
D. <u>Contract Engineering Technical Services (CETS)</u>	<u>600</u>	<u>1994</u>	<u>779</u>
1. Contract Plant Services	-	-	-
2. Contract Field Services	600	1994	779
3. Field Service Representatives	-	-	-
<b>TOTAL</b>	<u>1483</u>	<u>3145</u>	<u>2491</u>

E. Summary

1. Personal Services	=	=	=
2. Contract Consulting Services	-	=	=
3. Other Contract Services	1483	3145	2491
TOTAL	<u>1483</u>	<u>3145</u>	<u>2491</u>

PB-21A  
 Special Analysis  
 Consultants, Studies and Analysis,  
 and Management Support Contracts  
 (Dollars in Thousands)  
 Line Item Detail

Appropriation: PMC

	<u>FY-1982</u>	<u>FY-1983</u>	<u>FY-1984</u>
Appropriation Total (From PB-21)	<u>1483</u>	<u>3145</u>	<u>2491</u>
P-1 Line Item Number	-	-	-
96 CP-1380 (RCN 041422)	-	349	12
104 ULCS Life Cycle Support (RCN 041083)	-	-	600
108 AN/PSG ( ) Digital Comm Terminal (RCN 041703)	353	152	400
121 Intelligence Analysis Center (RCN 041614)	530	650	700
CETS	600	1994	779

Professional Management and Services

The CP-1380 and AN/PSC-2 funds will be issued to the Army and Navy respectively to accommodate civilian contractor support for systems engineering, i.e., mechanical drawing, engineering change proposals (ECP), and review of manuals and documentation.

The Unit Level Circuit Switch Life Cycle Support funds will be issued to the Navy and Army respectively to accommodate civilian contractor support for program management, systems engineering and logistics support analysis, and review of technical manuals and training plans.

The Intelligence Analysis Center (IAC) funds are to support civilian contractors at the Principle Development Activity (PDA) located at Electronics System Division, Hanscom AFB, Mass. Contractors will aid in developing acquisition strategy and evaluating cost proposals.

Contract Engineering Technical Services (CETS). CETS funding will be used for the AN/TPS-59, the AN/TYQ-3A, the LAV and the Cummings Engine for the LVT7A1. CETS personnel provide instruction to Marine Corps personnel on the use, assembly, installation, operation, maintenance, repair, calibration, and modification of newly procured equipment.

LATE  
LME  
8