

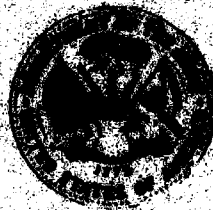
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DEPARTMENT OF THE ARMY
JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1966
SUBMITTED TO CONGRESS

FEBRUARY 1964



OTHER

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PROCUREMENT

PROGRAMS

AIRCRAFT	VEHICLES
WEAPONS & TRACKED COMBAT VEHICLES	
ARMOR	OTHER

ARMY ESTIMATE
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) In justification of programs requested, this document, in separate volume for each of the five Procurement Appropriations, and one separate volume for Construction Programs, provides backup data for the Army Budget submission for FY 1985. Included are Summaries of Requirements, Program and Financing Statements and Selected Data Sheets. (These volumes are unclassified).		

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DEPARTMENT OF THE ARMY
 OTHER PROCUREMENT, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1984, 1985

<u>TABLE OF CONTENTS</u>	<u>PAGE NO.</u>
Section 1 - Budget Appendix Extract	5-1
Section 2 - Budget Activity Justifications	5-10
Section 3 - Comparison of Program Requirements and Financing	5-21



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OTHER PROCUREMENT, ARMY

Section 1

Budget Appendix Extract

Appropriation Language

Program and Financing Schedule

5-1 February 1984

OTHER PROCUREMENT, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support, (including not to exceed (fifteen) ten vehicles required for physical security of personnel notwithstanding ^{1/} price limitations applicable to passenger carrying vehicles but not to exceed (\$100,000) \$110,000 thousand ^{2/} per vehicle) and nontracked combat vehicles; the purchase of not to exceed (two thousand one hundred forty-one) two thousand six hundred fourteen passenger motor vehicles for replacement only; communications and elec- ^{3/} tronic equipment; other support equipment; spare parts, ordnance and accessories therefore; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefore, without regard to section 4774, title 10, United States Code, for the foregoing purposes, and such lands and interest therein, may be acquired, and construction prosecuted thereon prior to approval of title as required by section 355, Revised Statutes, as amended; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway; and other expenses necessary for the foregoing purposes: (\$4,680,528,000 of which \$24,000,000 shall be available for the M9 Armored Combat Earthmover under a multiyear contract) \$6,022,400,000 of which \$81,100,000 shall be avail- ^{4/} able for the M9 Armored Combat Earthmover, not to exceed \$200,300,000 shall be available for the 5 ton truck, and \$29,500,000 shall be available for the Shop Set Contract Maintenance under multiyear contracts to remain avail- able for obligation until September 30, (1986) 1987. (10 U.S.C. 2353, 2361, 3012, 4531, 4532; Department of ^{5/} Defense Appropriation Act, 1984).

EXPLANATION OF LANGUAGE CHANGES

- ^{1/}To change the number of vehicles required for physical security of personnel approved for procurement in FY 1985.
- ^{2/}To change the approved maximum procurement unit cost for vehicles required for physical security which will be procured in FY 1985.
- ^{3/}To change the number of passenger carrying vehicles authorized for procurement in FY 1985.
- ^{4/}To change the amount of appropriation requested for FY 1985.
- ^{5/}To change the obligation expiration date for the FY 1985 program.

2035a Other Procurement, Army
 Program and Financing (in thousands of dollars)

FYP SUMMARY

Identification code	21-2035	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
1		1,223,860	1,088,428	1,535,500	1,017,198	1,183,125	1,415,618
2		2,011,380	2,428,600	2,827,000	1,811,949	2,347,012	2,788,264
3		772,025	1,132,900	1,559,900	967,844	1,183,349	1,388,411
Total direct program		4,007,265	4,649,928	6,022,400	3,796,991	4,713,486	6,572,293
Reimbursable program		399,428	330,100	307,800	314,017	381,608	317,980
10 0001	Total Obligations	4,406,693	4,980,028	6,330,200	4,111,008	5,095,094	6,890,273
Financing:							
Offsetting collections from:							
11 0001	Federal funds(-)	-269,189	-239,200	-215,200	-249,418	-239,200	-215,200
13 0001	Trust funds(-)	-131,725	-90,900	-92,500	-118,712	-90,900	-92,600
14 0001	Non-federal sources(-)	-315			-323		
17 0001	Recovery of prior year obligations(-):				-132,112		
Unobligated balance available, SOY							
21 4002	For completion of prior year budget plan				-1,619,274	-1,936,708	-1,821,643
21 4003	Available to finance new budget plans	-10,900			-10,900		
21 4007	Reprogramming from or to prior year budget	-77,588					
22 4001	Net unobligated balance transferred	31,687			31,687		
Unobligated balance available, EOY							
24 4002	For completion of prior year budget plan				1,936,708	1,821,643	2,261,590
25 0001	Unobligated balance lapsing	56,801			56,801		
19 0001	Budget authority	4,005,464	4,649,928	6,022,400	4,005,464	4,649,928	6,022,400
Budget authority:							
10 0001	Appropriation	4,128,364	4,680,528	6,022,400	4,128,364	4,680,528	6,022,400
10 0002	Reduction pursuant to P L 97-377	-7,500			-7,500		
11 0001	Transferred to other accounts(-)	-115,400	-30,600		-115,400	-30,600	
13 0001	Appropriation (adjusted)	4,005,464	4,649,928	6,022,400	4,005,464	4,649,928	6,022,400
Relation of obligations to outlays:							
21 0001	Obligations incurred, net				3,742,555	4,764,991	5,582,453
22 4001	Obligated balance, start of year				3,990,881	4,911,479	6,338,470
23 4001	Obligated balance, end of year				-4,911,479	-6,338,470	-7,664,623
27 0001	Adjustments in expired accounts				38,687		
28 0001	Adjustments in unexpired accounts				-132,112		
10 0001	Outlays				2,728,531	3,338,000	4,036,300

2035a Other Procurement, Army
 Object Classification (in Thousands of dollars)

Identification code	21-2035	1983 actual	1984 est	1985 est
Direct obligations:				
12.5004	Other	759,398	943,470	1,271,196
12.6001	Supplies and materials	189,850	236,868	302,644
13.1001	Equipment	2,847,743	3,534,148	3,996,453
19.9001	Total direct obligations	3,796,991	4,713,486	5,572,293
Reimbursable Obligations:				
22.5004	Other	61,552	84,583	88,012
22.6001	Supplies and materials	15,388	18,699	18,182
23.1001	Equipment	237,077	276,323	233,756
29.9001	Total reimbursable obligations	314,017	381,605	317,950
99.9901	Total Obligations	4,111,008	5,095,091	5,890,253

2035a Other Procurement, Army
 Program and Financing (in Thousands of dollars)

FISCAL YEAR 1981

Identification code	21-2035-----	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
	1.				48,988		
	2.				162,850		
	3.				78,244		
Total direct program					290,082		
Reimbursable program					10,102		
10 0001	Total Obligations				300,184		
Financing:							
Offsetting collections from:							
11 0001	Adjustment to prior year federal fund or				11,820		
13 0001	Adjustment to prior year trust fund orde				3,771		
14 0001	Adjustment to non-federal sources				-4		
17 0001	Recoveries of prior year obligations(-)				-47,983		
Unobligated balance available, SOY							
21 4002	For completion of prior year budget plans				-324,678		
21 4007	Reprogramming from or to prior year budget pl	-56,801					
25 0001	Unobligated balance lapsing	56,801			56,801		
39 0001	Budget authority						

5-5 February 1984

2035a Other Procurement, Army
 Program and Financing (in Thousands of dollars)

FISCAL YEAR 1982

Identification code	21-2035-----	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
	1.				127,705	135,259	
	2.				325,654	158,419	
	3.				387,451	133,835	
Total direct program					850,810	427,513	
Reimbursable program					35,123	27,382	
10.0001	Total Obligations				885,933	454,905	
Financing:							
Offsetting collections from:							
11.0001	Adjustment to prior year federal fund or				7,851		
13.0001	Adjustment to prior year trust fund orde				9,242		
14.0001	Adjustment to non-federal sources				-4		
17.0001	Recoveries of prior year obligations(-)				-84,119		
	Unobligated balance available, SOY						
21.4002	For completion of prior year budget plans				-1,294,595	-454,905	
21.4003	Available to finance new budget plans	-10,900			-10,900		
21.4007	Reprogramming from or to prior year budget pl	-20,787					
22.4001	Net unobligated balance transferred	31,687			31,687		
	Unobligated balance available, EOY						
24.4002	For completion of prior year budget plans				454,905		
39.0001	Budget authority						

2035a Other Procurement, Army
 Program and Financing (in Thousands of dollars)

FISCAL YEAR 1983

Identification code	21-2035-----	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
	1	Tactical and support vehicles	1,223,660		640,505	279,327	104,028
	2	Communications and electronics equipm	2,011,380		1,323,445	473,760	214,174
	3	Other support equipment	772,025		492,149	248,673	30,303
Total direct program			4,007,265		2,656,099	1,002,660	348,505
Reimbursable program			399,426		268,792	102,878	27,960
10 0001	Total Obligations		4,406,693		2,924,891	1,105,538	376,465
Financing:							
Offsetting collections from:							
11 0001	Federal funds(-)		-269,189		-269,189		
13 0001	Trust funds(-)		-131,725		-131,725		
14 0001	Non-federal sources(-)		-315		-315		
21 4002	Unobligated balance available, SOY For completion of prior year budget plans					-1,481,601	-376,465
24 4002	Unobligated balance available, EOY For completion of prior year budget plans					376,465	
39 0001	Budget authority		4,005,464		4,005,464		
Budget authority:							
10 0001	Appropriation		4,128,364		4,128,364		
10 0002	Reduction pursuant to P.L. 97-377		-7,500		-7,500		
41 0001	Transferred to other accounts(-)		-115,400		-115,400		
43 0001	Appropriation (adjusted)		4,005,464		4,005,464		

2035a Other Procurement, Army
 Program and Financing (in thousands of dollars)

FISCAL YEAR 1984

Identification code		Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
	21-2035-----						
	Program by activities						
	Direct Program:						
	1. Tactical and support vehicles		1,086,428			766,539	227,373
	2. Communications and electronics equipm		2,428,600			1,714,833	507,335
	3. Other support equipment		1,132,900			798,941	236,663
	Total direct program		4,649,928			3,280,313	971,371
	Reimbursable program		330,100			251,537	65,466
10 0001	Total Obligations		4,980,028			3,534,850	1,026,827
	Financing:						
	Offsetting collections from:						
11 0001	Federal funds(-)		-239,200			-239,200	
13 0001	Trust funds(-)		-90,900			-90,900	
21 4002	Unobligated balance available, SOY For completion of prior year budget plans						-1,446,178
24 4002	Unobligated balance available, EOY For completion of prior year budget plans					1,446,178	418,351
39 0001	Budget authority		4,649,928			4,649,928	
	Budget authority:						
40 0001	Appropriation		4,680,528			4,680,528	
41 0001	Transferred to other accounts(-)		-30,600			-30,600	
43 0001	Appropriation (adjusted)		4,649,928			4,649,928	

205a Other Procurement, Army
 Program and Financing (in Thousands of dollars)

FISCAL YEAR 1985

Identification code	21-2035-----	Budget Plan (amounts for actions programmed)			Obligations		
		1983 actual	1984 est.	1985 est.	1983 actual	1984 est.	1985 est.
Program by activities							
Direct Program:							
	1.			1,535,500			1,084,217
	2.			2,927,000			2,066,765
	3.			1,569,900			1,101,446
Total direct program				6,022,400			4,252,417
Reimbursable program				307,800			234,844
10.0001		Total Obligations		6,330,200			4,487,261
Financing:							
Offsetting collections from:							
11.0001		Federal funds(-)		-215,200			-215,200
13.0001		Trust funds(-)		-92,600			-92,600
24.4002		Unobligated balance available, EOY For completion of prior year budget plans					1,843,239
40.0001		Budget Authority (Appropriation)		6,022,400			6,022,400

OTHER PROCUREMENT, ARMY

Section 2

Budget Activity Justification

Activity 1 - Tactical and Support Vehicles

Activity 2 - Communications and Electronics Equipment

Activity 3 - Other Support Equipment

5-10 February 1984

Department of the Army Annual Budget Estimates JUSTIFICATION Program or Budget Project Account	Appropriation		FY 1985	
	OTHER PROCUREMENT, ARMY		Budget	
	(Thousands of Dollars)			
	Actual	Estimate	Estimate	Estimate
	FY 1983	FY 1984	FY 1985	FY 1986
ACTIVITY 1 - TACTICAL AND SUPPORT VEHICLES				
Direct Obligation or Direct Budget Plan	1,223,860	1,088,428	1,535,500	1,268,800

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement and manufacture of tactical and support vehicles and associated equipment. The tactical vehicles are of the type normally used by operation and support forces, and include prime movers and general purpose vehicles usually equipped with multi-wheel drive to satisfy cross country mobility needs. The support vehicles are of the administrative type which are generally equipped with two-wheel drive and are commercial in nature; included are such items as sedans, pickup trucks, carryalls and special purpose vehicles.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tactical Vehicles - (P-1 Line Items No. 1 - 19)

(\$ in Thousands)
FY 1985 FY 1986
 1,328,100 1,059,000

This category includes trucks, trailers, semitrailers, dolly sets and chassis designed for tactical use. The major vehicles in the FY 1985 Request are 11,567 High Mobility Multi-purpose Wheeled Vehicles (HMMWV), 22,875 Commercial Utility and Cargo Vehicles (CUCV), 4,789 Five Ton Trucks, and 1,181 Ten Ton Trucks. The FY 1985 program for Five Ton Trucks provides funds to initiate a new multiyear contract in FY 1985. Use of multiyear contracting in lieu of single year is projected to result in a savings of \$13,730,000 in FY 1985. This savings has been taken into consideration in our Budget Request. In addition, the Five Ton Truck program being requested takes into account an estimated savings of \$19,900,000 resulting from Army reduction of the number of Five Ton Trucks which must be equipped with a winch. The FY 1986 program includes 12,402 HMMWV's, 3,628 Five Ton Trucks and 1,172 Ten Ton Trucks. These major vehicle procurements are required to fill some Active Army and Reserve Component shortages and limited replacement. This includes supporting the fielding of FIREFINDER, PATRIOT, PERSHING II, Sgt York Gun, TACFIRE, MLRS, TOW, BFVS, GLLD/HELLFIRE, and STINGER.

5-11 February 1984

Non-Tactical Vehicles - (P-1 Line Items 20-22)

(\$ in Thousands)
FY 1985 FY 1986
83,400 87,100

This category includes three sub-categories: Passenger Carrying Vehicles (sedans, station wagons, buses, and ambulances); General Purpose Vehicles (trucks, trailers, and semitrailers); Special Purpose Vehicles (maintenance, refuse and construction trucks). The FY 1985 program will provide for replacement of 7,310 vehicles of which 2,614 are Passenger Carrying Vehicles. The FY 1986 program will provide for replacement of 8,168 vehicles of which 4,066 are Passenger Carrying Vehicles.

Support Equipment and Facilities - (P-1 Line Items No. 23-25)

(\$ in Thousands)
FY 1985 FY 1986
124,000 122,700

This category includes Spares and Production Base Support for Tactical and Support Vehicles. Spares include engines, transmissions, transfer cases and axles that are required to support newly fielded tactical vehicles as well as the existing fleet of tactical vehicles. The FY 1985 Production Base Support request includes funds for Depot Maintenance Plant Equipment (DMPE) and Provision of Industrial Facilities (PIF).

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation			FY 1985 Budget
Program or Budget Project Account	(Thousands of Dollars)			
	Actual FY 1983	Estimate FY 1984	Estimate FY 1985	Estimate FY 1986
ACTIVITY 2 - COMMUNICATIONS & ELECTRONICS EQUIP				
Direct Obligation or Direct Budget Plan	2,011,380	2,428,600	2,927,000	4,354,300

Section 1 - PURPOSE AND SCOPE

These funds provide for procurement, manufacture, depot rebuild facilities equipment, modification, and production base support of communications and electronics equipment and high dollar value depot reparable assemblies/components for initial provisioning and replenishment requirements. Funds are included for satellite communications, radio, signal intelligence and electronic warfare, combat wire communications, night vision, photographic, combat surveillance, target acquisition, strategic and tactical communications and communications security equipment, fire support, and automatic data processing equipment.

Section 2 - JUSTIFICATION OF FUNDS REQUIRED

Telecommunications Equipment (P-1 Line Item Nos. 26-144)

(\$ In Thousands)
 FY 1985 FY 1986
 1,263,600 1,790,800

The FY85 budget of \$1,263,600 thousand will support the Army's requirements for both tactical and strategic communications worldwide and includes: \$19,200 thousand for U.S. Readiness Command Communication (FY86: \$15,700 thousand); \$302,600 thousand for Joint Tactical Communications (TRI-TAC) (FY86: \$546,300 thousand); \$238,200 thousand for Combat Support Communications (FY86: \$429,600 thousand); \$7,200 thousand for National Military Command System Communications (FY86: 0); \$32,700 thousand for Strategic Communications (STARCOM-Non DCS) (FY86: \$30,300 thousand); \$56,500 thousand for Long Haul Communications (FY86: \$64,700 thousand); \$227,100 thousand for Satellite Communications Ground Equipment (FY86: \$296,100 thousand); \$88,200 thousand for EUCOM Command, Control, and Communications Systems (FY86: \$111,200 thousand); \$191,500 thousand for Communications Security Equipment (FY86: \$181,400 thousand); \$73,800 thousand for Base Communications (FY86: \$82,500 thousand); and \$26,600 thousand for Test Measurement and Diagnostic Equipment (FY86: \$33,000 thousand). These communications equipments are essential to field, and to sustain in the field, the combat elements of the Army and to provide command and control over these forces by the National Command Authorities, The Joint Chiefs of Staff, and others in the chain of command.

Other Electronics/Equipments (P-1 Line Item Nos. 145-238)

(\$ in Thousands)

<u>FY 1985</u>	<u>FY 1986</u>
1,663,400	2,563,500

This request also provides for Other Electronic Systems and Equipment including: \$184,900 thousand for Intelligence Support (FY86: \$201,600 thousand); \$26,300 thousand for the General Defense Intelligence Program (FY86: \$30,400 thousand); \$301,700 thousand for Automatic Data Processing Equipment (FY86: \$393,000 thousand); \$20,100 thousand for Audio Visual Equipment (FY86: \$31,200 thousand); \$53,900 thousand for Electronic Warfare (FY86: \$50,900 thousand); \$503,500 thousand for Tactical Electronics (FY86: \$826,900 thousand); and \$573,000 thousand for Support Equipment and Facilities (FY86: \$1,029,500 thousand). The equipment in these categories is required to provide the necessary intelligence/electronic warfare equipment to the land combat forces, to enhance target acquisition and surveillance capabilities, to modernize and upgrade automatic data processing/management information systems and to sustain the production base, exploiting the latest developments in miniaturization, solid state circuitry, and modular fabrication.

Department of the Army Annual Budget Estimates JUSTIFICATION	Appropriation			FY 1985
Program or Budget Project Account	OTHER PROCUREMENT, ARMY			Budget
	(Thousands of Dollars)			
	Actual	Estimate	Estimate	Estimate
	FY 1983	FY 1984	FY 1985	FY 1986
ACTIVITY 3 - OTHER SUPPORT EQUIPMENT				
Direct Obligation or Direct Budget Plan	772,025	1,132,900	1,559,900	2,085,100

Section 1 - PURPOSE and SCOPE

The funds provide for procurement, manufacture, and conversion of chemical defensive, bridging, engineer (non construction), combat service support, petroleum, water, medical, maintenance, construction, rail, float, containerization, generators, materiel handling, and other support equipment. The funds also provide for initial and replenishment spares and production base support associated with this items in budget activity.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Chemical Defensive Equipment (P-1 Line Item No. 239-247)

(\$ in Thousands)
FY 1985 FY 1986
66,600 112,600

This category includes chemical-biological individual and collective protection, detection and warning, decontamination, and contamination avoidance equipment. The FY 1985 funds requested will fill some high priority shortages and provide for replacement of a portion of the Army's over-age masks. In addition, the FY 1985 funds procure collective protective equipment, and a lightweight decontamination apparatus necessary for U. S. forces to operate in a chemical environment. The FY 1986 program continues the FY 1985 programs and begins a procurement program for the smoke generator.

Bridging Equipment (P-1 Line Item No. 248-253)

(\$ in Thousands)
FY 1985 FY 1986
29,700 89,300

This category includes components of the Ribbon Bridge System and the Medium Girder Bridge System. The FY 1985 program continues acquisition of the Ribbon Bridge Transporter. FY 1986 program continue multiyear procurement of the Ribbon Bridge Interior and Ramp Bays and the Transporter in support of unit shortages and continues acquisition of the Bridge Erection Boat. FY 1985 also includes acquisition of the Link Reinforcing Set for the Medium Girder Bridge which allows for the lengthening of the span of the Medium Girder Bridge while retaining the capacity to carry heavy equipment loads. These sets are required to support Medium Girder Bridge components already in the inventory.

Engineer (Non-Construction) Equipment (P-1 Line Item. 254-263)

(\$ in Thousands)
FY 1985 FY 1986
114,100 320,500

This category provides funding for mine/countermine equipment and the Armored Combat Earthmover (ACE). The FY 1985 program continues the multiyear acquisition of the ACE required by combat engineers to provide essential combat support to the combat units. The Army estimates a savings of \$6,000,000 in FY 1985 resulting from the use of a multiyear contract in lieu of a single year contract for this program. This savings has been taken into consideration in our Budget Request. FY 1985 continues the acquisition of the Mine Clearing Roller used by tank battalions to detonate mines. The FY 1985 and FY 1986 programs provide for the multiyear procurement for the Mine Detecting Set used to locate metallic anti-personnel and anti-tank mines and also continue procurement of the Mine Clearing Roller. The FY 1985 and 1986 programs also continue to support procurement of Ground Emplacement Mine Scattering System (GEMSS) which is the first U.S. system to automatically dispense mines simultaneously or individually in a controlled pattern.

Combat Service Support Equipment (P-1 Line Item No. 264-274)

(\$ in Thousands)
FY 1985 FY 1986
52,700 79,100

This category provides for the acquisition of various combat support equipment items. In FY 1985, the program includes various size/capacity air conditioners required to support major systems such as aviation maintenance shops, missile systems and communications and electronics shops. Also included are continuing programs for compressors, firetrucks, halon recharge service kits, and printing and binding equipment.

In addition FY 1985 includes programs for diving equipment and initiates the procurement program for the new trailer mounted field laundry unit. The FY 1986 program continues the FY 1985 programs. It reflects a planned skip year in the compressor program and starts procurement of the new tactical field kitchen. The items procured in this category support the soldiers and equipment that must operate in all weather conditions under field environments.

Petroleum Equipment (P-1 Line Item No. 275-290)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
73,900	62,700

This category includes equipment necessary for the storage and distribution of fuel. The FY 1985 program provides for continuation of the acquisition of 10,000 gallon fabric collapsible tanks to be used at fuel system supply points and for bulk petroleum storage; continued multiyear procurement of tank-pump units used to refuel combat equipment throughout the area of operations; and continued procurement of the RDF POL Distribution System, which includes bulk storage tanks, hoses, pumps, etc., required to support the Army's mission of distributing bulk petroleum to all land based forces in the Rapid Deployment Joint Task Force. The FY 1985 program also provides for acquisition of 50,000 gallon fabric collapsible tanks for bulk petroleum storage, 350 GPM pumps and 4x4 centrifugal pumps to move fuel from the supply source to using forces, the petroleum pipeline outfit which is a rapidly deployable pipeline system, the tanker mooring system which allows for offshore tanker mooring and offloading, and the Pipeline for Third U. S. Army (TUSA) Program initiative which procures shallow draft barges and undersea flexible hoseline for ship to shore transfer of POL products. The FY 1986 program provides for continuation of the RDF POL and Pipeline for TUSA initiatives continued multiyear programs for the 10,000 and 50,000 gallon tanks, 350 GPM pumps, the Petroleum Pipeline Outfit, as well as the multi-leg tanker mooring system. Also starting in FY 1986 are programs for the Arctic fuel system supply point and Arctic forward area refueling equipment for receipt, storage and issue of POL in an Arctic environment and the 600 gallon trailer mounted tank units used in refueling.

Water Equipment (P-1 Line Item No. 291-305)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
57,800	61,900

This category includes water support equipment required to provide a capability for production, purification, storage and distribution of water. The FY 1985 program primarily provides for the acquisition of the equipment in support of the long-range Phase II water equipment procurement program to support the CENTCOM. The FY 1985 program also includes acquisition of drilling machines used in water production. In addition, FY 1985 programs are also requested for continued acquisition of the Tactical Water Distribution System (TWDS), various capacity storage distribution systems, water chillers, collapsible storage tanks and the Forward Area Water Point Supply System. To provide purification capability, programs are included for the 600 gallon per hour Reverse Osmosis Water Purification Units (ROWPU) and the 150,000 gallon per day ROWPU.

FY 1986 programs continue acquisition of the 600 GPH ROWPU, collapsible fabric tanks, water chillers, and the Tactical Water Distribution System.

Medical Equipment (P-1 Line Item No. 306-308)

(\$ in Thousands)	
FY 1985	FY 1986
209,100	247,400

Medical equipment funding provides for the procurement of equipment to support both Army fixed medical activities and field medical units worldwide. This category finances the acquisition of medical care support equipment needed to support Army fixed medical activities. It provides for the initial equipping of approved major medical Military Construction, Army programs, renovation and modernization projects; the replacement of uneconomically repairable and obsolete equipment; the acquisition of new technologies essential to modern health care; and equipment for drug abuse testing laboratories, environmental pollution monitoring, and the clinical investigation of significant health care problems. This category also procures medical equipment for the initial issue to new or existing tactical field medical units in the approved force structure, procurement of field medical equipment to be placed in POMCUS, and the acquisition of field medical investment equipment to replace worn out, obsolete or uneconomically repairable equipment. Programmed funds will equip and modernize the field medical force, both hospitals and other medical field units. This is in compliance with the Defense Guidance and reduces serious Army equipment shortages which prevent meeting field medical support missions contingent operations. Many of the items being procured for field medical units are the same as items being procured by other services as a result of the current Quad Service standardization program. In addition, this category funds Electrical Generator/Environmental Control Systems, one and two-sided expandable tactical shelters, and two and six section extendable, modular, personnel (TEMPER) tents for use by Army Combat Zone Hospitals.

Maintenance Equipment (P-1 Line Item No. 309-321)

(\$ in Thousands)	
FY 1985	FY 1986
157,900	133,300

This category includes numerous types of maintenance equipment necessary to perform maintenance on all equipment in the field. Examples include welding shops, general purpose repair shops and hydraulic tool outfits. The FY 1985 program continues multiyear procurement of the Organizational Repair Shop, includes acquisition of the Welding Shop and the Electric Repair Shop and initiates multiyear procurement with Economic Order Quantity (EOQ) advance procurement of the contact maintenance truck which is the workhouse of maintenance equipment sets in a tactical environment. While an initial investment of \$36,600,000 million is required in advance to begin this program, a savings of \$3,700,000 in FY 1985 and significant savings in future years associated with the benefits of EOQ and multiyear contracting in lieu of single year will more than offset this initial investment. The FY 1986 program continues FY 1985 procurements and initiates

programs for the general purpose repair shop, the welding machine, the clothing repair shop and the steamcleaner. The procurements scheduled for FY 1985 and FY 1986 will significantly increase the readiness of maintenance units in the Army and directly impact the readiness of our combat forces.

Construction Equipment (P-1 Line Item No. 322-332)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
158,600	179,500

The FY 1985 funds requested will continue the standardization program of Combat Construction Equipment (CCE) for graders, loaders, scrapers, compressors, bulldozers, and 7 1/2 ton rough terrain cranes. The Small Emplacement Excavator (SEE), not part of the CCE program, will continue to be purchased to meet the increased mobility requirements of present and future combat forces. The FY 1986 program initiates the last CCE multiyear contract for a 20 ton crane and continues the FY 1984 efforts which are critical to standardizing combat construction equipment while increasing the readiness posture of the United States Army.

Rail, Float, Containerization (P-1 Line Item No. 333-345)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
102,500	158,100

This category provides for two major efforts which were begun in FY 1984 and FY 1985 and continue in FY 1986. The first includes procurement of watercraft to meet the Logistics-Over-The-Shore (LOTS) movement of tonnage in support of RDJTF. The second is the replacement of Army rail flat cars and POL tank cars in support of peacetime shipping requirements as well as M-day mobilization requirements. The FY 1985 program initiates the multiyear procurement of the Landing Craft Utility (LCU) which provides capability to transport cargo, troops and vehicles from ship to shore and continues acquisition of the Logistics Support Vessel (LSV) which provides capability to carry container handling equipment required for LOTS operation. The FY 1986 program continues acquisition of the LCU and the LSV. These programs also include funds for piers, barges and causeways.

The FY 1985 program also provides for continuation of the multiyear acquisition of the 140 ton railcars to replace the over-aged 100 ton flatcar to be used in the transport of heavy weapon systems; e.g., M1 tanks. The FY 1985 program also includes the acquisition of the MILVAN shipping containers required to move and store ammunition in support of the Containerized Ammunition Distribution System (CADS).

The FY 1986 program continues acquisition of the LCU, the service boat, the B-Delong pier barge, the LSV, the powered causeway system and the MILVAN containers acquisition of 20,000 gallon POL tank cars to replace over-aged 10,000 gallon cars.

Generators (P-1 Line Item No. 346)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
105,600	118,900

These funds are required to provide generators and power units of varying sizes and capacities, primarily designed to provide power sources for electrical lighting and communications and computer systems for a variety of combat (eg., missile and weapon systems) and combat support units. The program supports both the acquisition of power sources for combat and combat support equipment currently being acquired and fielded, as well as replacement of over-age, obsolete power generator equipment currently being used in units.

Materiel Handling Equipment (P-1 Line Item No. 347-356)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
58,200	90,400

The FY 1985 funds requested continue the standardization program for four commercial forklifts critical to ammunition handling. The FY 1985 program continues the FY 1984 programs and starts a multiyear contract to standardize the 6000 lb rough terrain forklift used with ammunition units. These programs are essential to fill shortages created by worn-out, over-age equipment that degrades readiness.

Other Support Equipment (P-1 Line Item No. 357-381)

(\$ in Thousands)	
<u>FY 1985</u>	<u>FY 1986</u>
373,200	431,400

This category continues funding in several major areas. It provides: the Spares and Repair Parts and Production Base Support which support the procurement programs in this Budget Activity; the Base Level Commercial Equipment (BCE) Program which provides investment funds for procurement of TDA items with a unit cost of over \$3,000 which are not centrally managed nor centrally procured; a group of "efficiency programs" for which amortization schedules assure recoupment of investment costs in four years or less; funds for procurement of training devices including such initiatives as procurement of new standardized systems for our ranges and laser engagement simulation systems for our new weapon systems. These training devices can directly improve combat soldier readiness in that the individual can be trained on a simulated battlefield and gain the needed experience to fight on a modern battlefield. In this category, the Army has also included funds to begin a multiyear effort to upgrade the facilities and equipment of three CONUS DARCOM area-oriented depots which provide supply support to specific geographic areas of the world. These upgrades will provide the latest technology in depot operations and increase capacity and efficiency to meet anticipated future logistic requirements.

OTHER PROCUREMENT, ARMY

Section 3

Comparison of Program Requirements and Financing

Comparison of FY 1984 program requirements as reflected in the FY 1984 budget with FY 1984 program requirements as shown in the FY 1985 budget.

Comparison of FY 1984 financing as reflected in the FY 1984 budget with FY 1984 financing as shown in FY 1985 budget.

Comparison of FY 1983 program requirements as reflected in the FY 1984 budget with FY 1983 program requirements as shown in the FY 1985 budget.

Comparison of FY 1983 financing as reflected in the FY 1984 budget with FY 1983 financing as shown in the FY 1985 budget.

COMPARISON OF FY 1984 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1984 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements Per FY 84 Budget	Program Requirements Per FY 1985 Budget	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	1,129,200	1,088,428	- 40,772
Activity 2 - Communications and Electronics Equipment	2,732,512	2,428,600	-303,912
Activity 3 - Other Support Equipment	1,406,165	1,132,900	-273,265
TOTAL	5,267,877	4,649,928	-617,949

1. **Tactical and Support Vehicles.** Net Decrease of \$40,772 thousand is a result of \$35,400 thousand in reductions made during final Congressional action on the FY 1984 Budget Request; and a net adjustment of \$5,372 thousand for planned FY 1984 reprogramming action - \$9,400 thousand to other appropriations, \$3,000 thousand from Communications and Electronics Budget Activity and \$1,028 thousand from Other Support Equipment Budget Activity to this Budget Activity.

2. **Communications and Electronics Equipment.** Net decrease of \$303,912 thousand is a result of \$37,100 thousand in general reductions, \$154,288 thousand in specific reductions, and \$60,000 thousand in specific program increases made during final Congressional action on the FY 1984 Budget Request; an increase of \$39,400 thousand for the planned transfer from Positioning Azimuth Determining System (PADS), Topographic Support System and associated spare and repair parts to OPA 2 from OPA 3 for consistency of program content; and a net reduction of \$11,924 thousand for planned 1984 reprogramming actions (\$13,700 to Other appropriations, \$3,000 thousand to Tactical and Support Vehicles Budget Activity and \$4,776 thousand from Other Support Equipment Budget Activity to this Budget Activity).

3. **Other Support Equipment.** Net decrease of \$273,265 thousand is a result of \$185,000 thousand in general reductions, \$48,800 thousand in specific reductions, and a \$13,239 thousand specific program increase made during final Congressional action on the FY 1984 Budget Request; a decrease of \$39,400 thousand for the planned transfer of Positioning Azimuth Determining System (PADS), Topographic Support System, and associated spare and repair parts to OPA 2 from OPA 3 for consistency of program content; and a net decrease of \$13,304 thousand for planned FY 1984 reprogramming actions (\$7,500 thousand to other appropriations, \$1,028 thousand to Tactical and Support Vehicles Budget Activity and \$4,776 thousand to Communications and Electronics Budget Activity from this Budget Activity).

COMPARISON OF FY 1984 FINANCING AS REFLECTED
IN THE FY 1984 BUDGET WITH FY 1984 FINANCING
AS SHOWN IN FY 1985 BUDGET

(In Thousands of Dollars)				
Appropriation:	OTHER PROCUREMENT, ARMY	Financing Per FY 1984 Budget	Financing Per FY 1985 Budget	Increase (+) or Decrease (-)
Program Requirements (Total)		5,629,377	4,980,028	-649,349
Program Requirements (Service Account)		(5,267,877)	(4,649,928)	(-617,949)
Program Requirements (Reimbursable)		(361,500)	(330,100)	(- 31,400)
Less:				
Anticipated reimbursements		361,500	330,100	- 31,400
Reprogramming from prior year budget plans		-0-	-0-	
Unobligated balance available from prior year to finance new budget plans		-0-	-0-	-0-
Unobligated balance transferred from other accounts		-0-	-0-	
Add:				
Unobligated balance transferred to other accounts		-0-	-0-	
Unobligated balance available to finance subsequent year budget plans		-0-	-0-	
	BUDGET AUTHORITY	5,267,877	4,649,928	-617,949
BUDGET AUTHORITY				
Appropriation		5,267,877	4,680,528	-587,349
Transfer to other accounts			-30,600	-30,600
Appropriation adjusted		5,267,877	4,649,928	-617,949

COMPARISON OF FY 1983 PROGRAM REQUIREMENTS
AS REFLECTED IN FY 1984 BUDGET WITH
FY 1983 PROGRAM REQUIREMENTS AS SHOWN IN FY 1985 BUDGET

SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation: OTHER PROCUREMENT, ARMY	Total Program Requirements Per FY 84 Budget	Program Requirements Per FY 1985 Budget	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	1,229,600	1,223,860	- 5,740
Activity 2 - Communications and Electronics Equipment	2,044,004	2,011,380	- 32,624
Activity 3 - Other Support Equipment	834,700	772,025	- 62,675
TOTAL	4,108,304	4,007,265	-101,039

1. Tactical and Support Vehicles. Net decrease of \$5,740 thousand results from Congressionally-approved reprogrammings which transferred \$3,800 thousand to Communications and Electronics Budget Activity and \$1,900 thousand to Other Support Equipment Budget Activity within the Other Procurement, Army appropriation; and miscellaneous below threshold reprogramming within the Other Procurement, Army appropriation which provided a net decrease of \$40 thousand.

2. Communications and Electronics Equipment. Net decrease of \$32,624 thousand results from a net decrease of \$74,800 thousand resulting from Congressionally-approved reprogramming actions which transferred \$78,600 thousand to other appropriations and \$3,800 thousand into this Budget Activity from Tactical and Support Vehicles Budget Activity; conversion of \$1,801 thousand free assets to direct obligational authority for this Budget Activity; planned transfer of programs totalling \$38,800 thousand to this Budget Activity from the Other Support Equipment Budget Activity; and miscellaneous below threshold reprogramming which provided a net increase of \$1,575 thousand.

3. Other Support Equipment. Net decrease of \$62,675 thousand results from a net decrease of \$27,300 thousand resulting from Congressionally-approved reprogramming actions which transferred \$29,200 thousand to other appropriations and transferred \$1,900 thousand to this Budget Activity from the Tactical and Support Vehicles Budget Activity for a "New Start" reprogramming; Congressional approval of \$4,960 thousand in the FY 83 Budget Supplemental, planned transfer of programs totalling \$38,800 thousand from this Budget Activity to the Communications and Electronics Budget Activity; and miscellaneous below threshold reprogramming which resulted in a net decrease of \$1,535 thousand.

COMPARISON OF FY 1983 FINANCING AS REFLECTED
IN THE FY 1984 BUDGET WITH FY 1983 FINANCING
AS SHOWN IN FY 1985 BUDGET

(In Thousands of Dollars)			
Appropriation:	Financing Per FY 1984 Budget	Financing Per FY 1985 Budget	Increase (+) or Decrease (-)
OTHER PROCUREMENT, ARMY			
Program Requirements (Total)	4,464,204	4,406,693	- 57,511
Program Requirements (Service Account)	(4,108,304)	(4,007,265)	(-101,039)
Program Requirements (Reimbursable)	(355,900)	(399,428)	(+ 43,528)
Leas:			
Anticipated reimbursement	- 355,900	- 401,229	+ 45,329
Reprogramming from prior year budget plans	-0-	-0-	-0-
Unobligated balance available from prior year to finance new budget plans	-0-	-0-	-0-
Unobligated balance transferred from other accounts	-0-	-0-	-0-
Add:			
Unobligated balance transferred to other accounts	-0-	-0-	-0-
BUDGET AUTHORITY	4,108,304	4,005,464	-102,840
BUDGET AUTHORITY			
Appropriation	4,123,404	4,128,364	+ 4,960
Transferred to other accounts	- 17,100	- 115,400	- 98,300
Transferred from other accounts	9,500		+ 9,500
Reduction pursuant to P.L. 97-397	- 7,500	- 7,500	
Appropriation (Adjusted)	4,108,304	4,005,464	-102,840

5-25 February 1984

20

DEPARTMENT OF THE ARMY
PROCUREMENT OF EQUIPMENT AND MISSILES, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1985, 1986

TABLE OF CONTENTS

Page No.

Section 1 - Budget Appendix Extract 6-1

Program and Financing Schedule and Object
Classification Schedule for the Procurement
of Equipment and Missiles, Army Appropriation

6-1 February 1984

2030a Proc. of Equip. & Missiles, Army
 Program and Financing (in thousands of dollars)

Identification code	21-2030-----	1983 actual	1984 est.	1985 est.
Program by activities				
72.4001	Obligated balance, start of year	537	358	58
74.4001	Obligated balance, end of year	-358	-58	-58
77.0001	Adjustments in expired accounts	1,833		
90.0001	Outlays	2,011	300	

6-2 February 1984

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8