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# DEPARTMENT OF THE ARMY

JUSTIFICATION OF ESTIMATES FOR FY 1992/FY 1993 BIENNIAL BUDGET

## SUBMITTED TO CONGRESS

FEBRUARY 1991



OTHER PROCUREMENT, ARMY

AIRCRAFT	MISSILES
WEAPONS AND TRACKED COMBAT VEHICLES	OTHER
AMMUNITION	

DTIC  
REFLECTED  
SEP 01 1991  
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DEPARTMENT OF THE ARMY  
OTHER PROCUREMENT, ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEARS 1992/1993 BUDGET

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**OTHER PROCUREMENT, ARMY**

**Section 1**

**Budget Appendix Extract**

**Appropriation Language**

**Program and Financing Schedule**

OTHER PROCUREMENT, ARMY

APPROPRIATION LANGUAGE

For construction, procurement, production, and modification of vehicles, including tactical, support, and nontracked combat vehicles; the purchase of not to exceed 6 vehicles required for physical security of personnel, notwithstanding price limitations applicable to passenger vehicles but not to exceed \$165,000 per vehicle; and the purchase of not to exceed 453 passenger motor vehicles for replacement only; communications and electronics equipment; other support equipment; spare parts, ordnance, and accessories therefor; specialized equipment and training devices; expansion of public and private plants, including the land necessary therefor, for the foregoing purposes, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; 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; [\$2,453,057,000] \$3,163,800,000, to remain available for obligation until September 30, [1993] 1994, of which \$234,000,000 shall be available for the Army National Guard and Army Reserve.

Further, for the foregoing purposes, including the purchase of not to exceed 38 passenger motor vehicles for replacement only, \$3,254,400,000, to become available for obligation on October 1, 1992 and to remain available for obligation until September 30, 1995, of which \$288,500,000 shall be available for the Army National Guard and Army Reserve. (10 U.S.C. 2353, 2361, 3013, 4531-32; Department of Defense Appropriations Act, 1991; additional authorizing legislation to be proposed.)

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

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles	430,233	665,522	767,282	930,861
00.0201	Communications and electronics equipment	2,094,673	1,109,315	1,594,587	1,698,337
00.0301	Other support equipment	1,055,055	717,050	801,931	625,202
00.9101	Total direct program	3,579,961	2,491,887	3,163,800	3,254,400
01.0101	Reimbursable program	172,250	266,300	224,200	224,200
10.0001	Total	3,752,211	2,758,187	3,388,000	3,478,600
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-146,536	-241,261	-199,161	-199,161
13.0001	Trust funds(-)	-25,709	-21,462	-21,462	-21,462
14.0001	Non-Federal sources(-)	-5	-3,577	-3,577	-3,577
17.0001	Recovery of prior year obligations				
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans				
21.4009	Available to finance new budget plans	-53,761	-78,791		
22.4001	Reprogramming from/to prior year budget plans	-104,449	49,243		
24.4002	Unobligated balance transferred from other accounts (-)				
24.4003	Unobligated balance available, end of year:				
25.0001	For completion of prior year budget plans	78,791			
	Available to finance subsequent year budget plans	31,106			
	Unobligated balance lapsing				
39.0001	Budget authority	3,531,648	2,456,787	3,163,800	3,254,400
Budget authority:					
40.0001	Appropriation	3,679,219	2,453,057	3,163,800	3,254,400
40.3501	Appropriation rescinded (-)	-51,000			
40.3601	Appropriation rescinded (unob bal)	-53,000	-35,100		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-2,731			
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,360		
41.0001	Transferred to other accounts (-)*	-68,961	-1,500		
42.0001	Transferred from other accounts	28,121	42,690		
43.0001	Appropriation (adjusted)	3,531,648	2,456,787	3,163,800	3,254,400
Relation of obligations to outlays:					
71.0001	Obligations incurred, net				
72.4001	Obligated balance, start of year				
74.4001	Obligated balance, end of year				
77.0001	Adjustments in expired accounts (net)				
78.0001	Adjustments in unexpired accounts				
90.0001	Outlays				

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

Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
<b>Program by activities:</b>					
<b>Direct program:</b>					
00.0101	Tactical and support vehicles	523,115	570,566	781,544	883,870
00.0201	Communications and electronics equipment	2,422,040	1,265,925	1,500,212	1,664,550
00.0301	Other support equipment	1,071,752	788,004	834,753	652,789
00.9101	Total direct program	4,016,907	2,624,495	3,116,509	3,201,209
01.0101	Reimbursable program	170,973	284,824	224,200	224,200
10.0001	Total	4,187,880	2,909,319	3,340,709	3,425,409
<b>Financing:</b>					
<b>Offsetting collections from:</b>					
11.0001	Federal funds(-)	-139,104	-241,261	-199,161	-199,161
13.0001	Trust funds(-)	-23,197	-21,462	-21,462	-21,462
14.0001	Non-Federal sources(-)	81	-3,577	-3,577	-3,577
17.0001	Recovery of prior year obligations	-144,601			
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans	-1,201,597	-796,049	-694,160	-741,451
21.4003	Available to finance new budget plans	-53,761	-78,791		
21.4009	Reprogramming from/to prior year budget plans				
22.4001	Unobligated balance transferred from other accounts (-)		-5,552		
24.4002	Unobligated balance available, end of year:				
	For completion of prior year budget plans	796,049	694,160	741,451	794,642
24.4003	Available to finance subsequent year budget plans	78,791			
25.0001	Unobligated balance lapsing	31,106			
39.0001	Budget authority	3,531,648	2,456,787	3,163,800	3,254,400
<b>Budget authority:</b>					
40.0001	Appropriation	3,679,219	2,453,057	3,163,800	3,254,400
40.3501	Appropriation rescinded (-)	-51,000			
40.3601	Appropriation rescinded (unob bal)	-53,000	-35,100		
40.7501	Reduction pursuant to P.L. 101-165 (-)	-2,731			
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,360		
41.0001	Transferred to other accounts (-)*	-68,961	-1,500		
42.0001	Transferred from other accounts	28,121	42,690		
43.0001	Appropriation (adjusted)	3,531,648	2,456,787	3,163,800	3,254,400
<b>Relation of obligations to outlays:</b>					
71.0001	Obligations incurred, net	4,025,660	2,643,019	3,116,509	3,201,209
72.4001	Obligated balance, start of year	8,598,354	8,024,726	6,426,345	6,071,754
74.4001	Obligated balance, end of year	-8,024,726	-6,426,345	-6,071,754	-6,121,463
77.0001	Adjustments in expired accounts (net)	-18,724			
78.0001	Adjustments in unexpired accounts	-144,601			
90.0001	Outlays	4,435,964	4,241,400	3,471,100	3,151,500

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

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Direct obligations:					
Other services:					
125.004	Other	950,958	648,406	791,184	824,994
126.001	Supplies and materials	103,893	96,878	126,710	123,262
131.001	Equipment	2,962,056	1,879,211	2,198,615	2,252,953
199.001	Total Direct obligations	4,016,907	2,624,495	3,116,509	3,201,208
Reimbursable obligations:					
Other services:					
225.004	Other	40,476	47,418	47,418	47,418
226.001	Supplies and materials	4,422	7,085	7,085	7,085
231.001	Equipment	126,075	230,321	169,697	169,697
299.001	Total Reimbursable obligations	170,973	284,824	224,200	224,200
999.901	Total obligations	4,187,880	2,909,319	3,340,709	3,425,409

Other Procurement, Army  
Program and Financing (In Thousands of dollars) FISCAL YEAR 1988

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles				
00.0201	Communications and electronics equipment				
00.0301	Other support equipment				
00.9101	Total direct program				
01.0101	Reimbursable program				
10.0001	Total				
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				
13.0001	Trust funds(-)				
17.0001	Recovery of prior year obligations				
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprogramming from/to prior year budget plans				
25.0001	Unobligated balance lapsing				
39.0001	Budget authority				
Budget authority:					
40.3601	Appropriation rescinded (unob bal)				
41.0001	Transferred to other accounts (-)*				
43.0001	Appropriation (adjusted)				

-23,761  
-31,106  
31,106  
-23,761

-23,000  
-761  
-23,761

Other Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1988

Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles	33,581			
00.0201	Communications and electronics equipment	256,348			
00.0301	Other support equipment	144,396			
00.9101	Total direct program	434,625			
01.0101	Reimbursable program	2,331			
10.0001	Total	436,956			
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	7,560			
13.0001	Trust funds(-)	972			
17.0001	Recovery of prior year obligations	-47,545			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans	-429,049			
21.4009	Available to finance new budget plans	-23,761			
25.0001	Reprogramming from/to prior year budget plans				
25.0001	Unobligated balance lapsing	31,106			
39.0001	Budget authority	-23,761			
Budget authority:					
40.3601	Appropriation rescinded (unob bal)	-23,000			
41.0001	Transferred to other accounts (-)*	-761			
43.0001	Appropriation (adjusted)	-23,761			

Other Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Budget Plan (amounts for PROCUREMENT  
actions programed)

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles				
00.0201	Communications and electronics equipment				
00.0301	Other support equipment				
00.9101	Total direct program				
01.0101	Reimbursable program				
10.0001	Total				
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				
13.0001	Trust funds(-)				
14.0001	Non-federal sources(-)				
17.0001	Recovery of prior year obligations				
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans				
21.4003	Available to finance new budget plans				
21.4009	Reprogramming from/to prior year budget plans				
24.4002	Unobligated balance available, end of year:				
	For completion of prior year budget plans				
24.4003	Available to finance subsequent year budget plans				
40.3601	Budget authority (Appropriation rescinded) (				
			-24,100		
			-30,000		
			-24,100		
			24,100		
			-30,000		
			-24,100		

Other Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1989

Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles	107,097	25,868		
00.0201	Communications and electronics equipment	324,825	144,130		
00.0301	Other support equipment	180,727	46,442		
00.9101	Total direct program	612,649	216,440		
01.0101	Reimbursable program	7,565	7,351		
10.0001	Total	620,214	223,791		
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-128			
13.0001	Trust funds(-)	1,540			
14.0001	Non-Federal sources(-)	86			
17.0001	Recovery of prior year obligations	-97,056			
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans	-772,548	-223,791		
21.4003	Available to finance new budget plans	-30,000	-24,100		
21.4009	Reprogramming from/to prior year budget plans				
24.4002	Unobligated balance available, end of year:	223,791			
24.4003	For completion of prior year budget plans	24,100			
	Available to finance subsequent year budget plans				
40.3601	Budget authority (Appropriation rescinded) (	-30,000	-24,100		



Other Procurement, Army  
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1990  
 Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles	382,437	22,705	25,091	
00.0201	Communications and electronics equipment	1,840,867	180,624	73,182	
00.0301	Other support equipment	746,329	181,731	126,995	
00.9101	Total direct program	2,969,633	385,060	225,268	
01.0101	Reimbursabl. program	161,077	11,173		
10.0001	Total	3,130,710	396,233	225,268	
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)	-146,536			
13.0001	Trust funds(-)	-25,709			
14.0001	Non-Federal sources(-)	-5			
21.4002	Unobligated balance available, start of year:				
21.4003	For completion of prior year budget plans			-572,258	
21.4009	Available to finance new budget plans			-54,691	
22.4001	Reprogramming from/to prior year budget plans				
24.4002	Unobligated balance transferred to other accounts			-5,552	
24.4003	Unobligated balance available, end of year:				
	For completion of prior year budget plans	572,258	225,268		
	Available to finance subsequent year budget plans	54,691			
39.0001	Budget authority	3,585,409	-11,000		
Budget authority:					
40.0001	Appropriation	3,679,219			
40.3501	Appropriation rescinded (-)	-51,000			
40.3601	Appropriation rescinded (unob bal)			-11,000	
40.7501	Reduction pursuant to P.L. 101-165 (-)	-2,731			
41.0001	Transferred to other accounts (-)	-68,200			
42.0001	Transferred from other accounts	28,121			
43.0001	Appropriation (adjusted)	3,585,409	-11,000		

Other Procurement, Army  
Program and Financing (in Thousands of dollars) FISCAL YEAR 1991

Budget Plan (amounts for PROCUREMENT  
actions programmed)

Identification code	21-2035-O-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles		665,522		
00.0201	Communications and electronics equipment		1,109,315		
00.0301	Other support equipment		717,050		
00.9101	Total direct program		2,491,887		
01.0101	Reimbursable program		266,300		
10.0001	Total		2,758,187		
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-241,261		
13.0001	Trust funds(-)		-21,462		
14.0001	Non-Federal sources(-)		-3,577		
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans				
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				
39.0001	Budget authority		2,491,887		
Budget authority:					
40.0001	Appropriation		2,453,057		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,360		
41.0001	Transferred to other accounts (-)		-1,500		
42.0001	Transferred from other accounts		42,690		
43.0001	Appropriation (adjusted)		2,491,887		

Other Procurement, Army  
 Program and Financing (In Thousands of dollars) FISCAL YEAR 1991  
 Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles		521,993	71,906	71,623
00.0201	Communications and electronics equipment		941,171	155,760	12,384
00.0301	Other support equipment		559,831	75,735	81,484
00.9101	Total direct program		2,022,995	303,401	165,491
01.0101	Reimbursable program		266,300		
10.0001	Total		2,289,295	303,401	165,491
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)		-241,261		
13.0001	Trust funds(-)		-21,462		
14.0001	Non-Federal sources(-)		-3,577		
21.4002	Unobligated balance available, start of year:				
	For completion of prior year budget plans				
24.4002	Unobligated balance available, end of year:				
	For completion of prior year budget plans		468,892	-468,892	-165,491
39.0001	Budget authority		2,491,887	165,491	
Budget authority:					
40.0001	Appropriation		2,453,057		
40.7502	Reduction pursuant to P.L. 101-511 (-)		-2,360		
41.0001	Transferred to other accounts (-)		-1,500		
42.0001	Transferred from other accounts		42,690		
43.0001	Appropriation (adjusted)		2,491,887		

Other Procurement, Army  
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1992

Budget Plan (amounts for PROCUREMENT  
 actions programmed)

Identification code 21-2035-0-1-051\* 1990 actual 1991 est. 1992 est. 1993 est.

Program by activities:

Direct program:

00.0101 Tactical and support vehicles 767,282  
 00.0201 Communications and electronics equipment 1,594,587  
 00.0301 Other support equipment 801,931

00.9101 Total direct program 3,163,800

01.0101 Reimbursable program 224,200

10.0001 Total 3,388,000

Financing:

Offsetting collections from:

11.0001 Federal funds(-) -199,161  
 13.0001 Trust funds(-) -21,462  
 14.0001 Non-Federal sources(-) -3,577

Unobligated balance available, start of year:

For completion of prior year budget plans

Unobligated balance available, end of year:

For completion of prior year budget plans

40.0001 Budget authority (Appropriation) 3,163,800

Other Procurement, Army  
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1992

Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles			684,547	79,664
00.0201	Communications and electronics equipment			1,271,270	211,206
00.0301	Other support equipment			632,023	81,810
00.9101	Total direct program			2,587,840	372,680
01.0101	Reimbursable program			224,200	
10.0001	Total			2,812,040	372,680
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)			-199,161	
13.0001	Trust funds(-)			-21,462	
14.0001	Non-Federal sources(-)			-3,577	
21.4002	Unobligated balance available, start of year: For completion of prior year budget plans				-575,960
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans			575,960	203,280
40.0001	Budget authority (Appropriation)			3,163,800	

Other Procurement, Army  
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1993

Budget Plan (amounts for PROCUREMENT  
 actions programed)

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles				930,861
00.0201	Communications and electronics equipment				1,698,337
00.0301	Other support equipment				625,202
00.9101	Total direct program				3,254,400
01.0101	Reimbursable program				224,200
10.0001	Total				3,478,600
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				-199,161
13.0001	Trust funds(-)				-21,462
14.0001	Non-Federal sources(-)				-3,577
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				
40.0001	Budget authority (Appropriation)				3,254,400

Other Procurement, Army  
 Program and Financing (in Thousands of dollars) FISCAL YEAR 1993

Obligations

Identification code	21-2035-0-1-051	1990 actual	1991 est.	1992 est.	1993 est.
Program by activities:					
Direct program:					
00.0101	Tactical and support vehicles				732,583
00.0201	Communications and electronics equipment				1,440,960
00.0301	Other support equipment				489,495
00.9101	Total direct program				2,663,038
01.0101	Reimbursable program				224,200
10.0001	Total				2,887,238
Financing:					
Offsetting collections from:					
11.0001	Federal funds(-)				-199,161
13.0001	Trust funds(-)				-21,462
14.0001	Non-Federal sources(-)				-3,577
24.4002	Unobligated balance available, end of year: For completion of prior year budget plans				591,362
40.0001	Budget authority (Appropriation)				3,254,400

**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**



Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Tactical Vehicles (P-1 Line Item Nos. 1 - 11)

(\$ in Thousands)	
FY 1992	FY 1993
<u>737,311</u>	<u>899,890</u>

This category includes trucks, trailers, semitrailers, dolly sets and chassis designed for tactical use. The major vehicles in the FY 1992 budget request include 7,302 High Mobility Multi-purpose Wheeled Vehicles (HMMWVs), and 281 Family of Heavy Tactical Vehicles (FHTVs). The major vehicles in the FY 1993 budget request include 6,922 HMMWVs, 3,288 FMTVs and 961 FHTVs. The FY 1992 budget request funds for the fourth year of our five year multiyear contract for the HMMWV. The HMMWV multiyear procurement is completed in FY 1993. FY 1992 is the second year of our five year multiyear contract for the FMTV. These state-of-the-art vehicles are required to fill existing 5 ton truck shortfalls and will be operated throughout support and combat service support units. The program continues in FY 1993. FY 1992 is the third year of our five year contract for the FHTV. These vehicles are the key transportation component of a more efficient, productive Corps ammunition distribution system which will provide movement of increased critical ammunition supplies with reduced manpower, material handling equipment and vehicles. The program continues in FY 1993. FY 1992 initiates the first year of a five year multiyear procurement for the High Mobility Trailer (HMT). The HMT is a family of high mobility companion trailers for the HMMWV and will be compatible with both the light and heavy HMMWV variants. FY 1992 completes the procurement for the Heavy Equipment Transporter which is required to haul effectively and safely the 70 Ton M1A1 Main Battle Tank.

Non-Tactical Vehicles (P-1 Line Item Nos. 12 - 14)

(\$ in Thousands)	
FY 1992	FY 1993
16,900	14,097

This category includes three subcategories of administrative type vehicles: Passenger Carrying Vehicles (sedans, station wagons, buses, and ambulances); General Purpose Vehicles (trucks, trailers, and semitrailers); and Special Purpose Vehicles (maintenance, refuse and construction trucks). The FY 1992 program will provide for replacement of 453 Passenger Carrying Vehicles and FY 1993 will provide for replacement of 38 passenger carrying vehicles.

Support Equipment and Facilities - (P-1 Line Item Nos. 15 - 20)

(\$ in Thousands)	
FY 1992	FY 1993
13,071	16,874

This category includes funding for system fielding support, project management support and spare parts for tactical and support vehicles. Funding for system fielding support will provide support costs associated with requisitioning and receipt of initial supply items and packaging of the end items for total package fielding, processing for hand off costs at a staging area prior to issue to a unit and will provide costs associated with the movement of tactical and support vehicles from a manufacturing plant or assembly point to a CONUS depot or other point of first acceptance within the CONUS Army supply system. Project management support funding will provide support costs associated with administration of the project managers offices for tactical and support vehicles. Spares funding provides for procurement of peacetime and war reserve spare parts to support new fieldings and fielded vehicles.

Department of The Army  
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 JUSTIFICATION

Appropriation

FY 1992/1993  
 Budget

OTHER PROCUREMENT, ARMY

Program or Budget Project Account

Activity 2 - COMMUNICATIONS & ELECTRONICS EQUIP Direct Obligation or Direct Budget Plan	Actual FY 1990	(Thousands of Dollars)		
		Estimate FY 1991	Estimate FY 1992	Estimate FY 1993
	2,094,673	1,109,315	1,594,587	1,698,337

Section 1 - PURPOSE AND SCOPE

These funds procure and modify tactical and non-tactical electronics equipment for satellite communication, net and area radios for both tactical and strategic communication and companion security equipment. Funds also provide for intelligence activities - imagery and signal intelligence processing equipment and electronic warfare systems. In addition, funds provide for numerous automation requirements, night vision devices, target acquisition systems, command and control equipment and test, measurement and diagnostic equipment for both communications and electronic systems.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Satellite Communications (P-1 Line Item Nos. 21 - 30)

(\$ in Thousands)	
FY 1992	FY 1993
108,987	145,734

This category includes funding for various joint, strategic and tactical satellite communications systems and modernization efforts with the majority of the funding directed to the Defense Satellite Communications System (DSCS) and NAVSTAR. FY 1993 is the initial year for the Single Channel Objective Tactical Terminal (SCOTT) procurement.

Command, Control and Communication Systems (P-1 Line Item Nos. 31 - 35)

( \$ in Thousands)  
FY 1992      FY 1993  
20,799      15,769

This category includes funding to modernize joint operational command and control center links between the unified commands, the National Military Command Center and the State Department. Provides a "seamless" passing of information up and down the chain of command. It also provides processing computers linking Headquarters, Department of the Army and its major commands.

Combat Communications & Information Security (P-1 Line Item Nos. 36-52)

( \$ in Thousands)  
FY 1992      FY 1993  
474,381      496,102

This category includes funding to continue to procure the Single Channel Ground and Airborne Radio System (SINGARS), continue the modernization of the Echelons Above Corps (EAC) Communication system, and the Mobile Subscriber Equipment (MSE). In addition, it provides for generic security (INFOSEC) devices. FY 1992 is the first procurement for the Army Key Management System (AKMS) and FY 1993 is the first year for the procurement of the Army Emergency Processing Dissemination System (AEPD).

Long Haul and Base Communications (P-1 line Nos. 53-61)

( \$ in Thousands)  
FY 1992      FY 1993  
89,864      89,355

This category includes funding to continue to modernize the telephone systems (long distance lines and switches) at military installations worldwide. It also provides for transmission requirements for the Defense Communication Agency and the Defense Data Network (DDN) and procures Local Area Networks (LAN).

Classified Intelligence and Related Activities (P-1 line Nos. 62-78)

(\$ in Thousands)	
FY 1992	FY 1993
170,687	208,301

This category includes funding to support a number of separate national and tactical intelligence (signal and imagery) gathering and surveillance systems including the All Source Analysis System (ASAS) and the Commander's Tactical Terminal (CTT). FY 1993 is the first year for the procurement of Joint Stars (Army) and the IEW-Ground Base Common Sensors.

Electronic Warfare and Tactical Surveillance (P-1 line Nos. 79-89)

(\$ in Thousands)	
FY 1992	FY 1993
182,713	160,311

This category includes tactical deception devices and physical security systems with the majority procuring a variety of night vision devices.

Tactical Command and Control (P-1 line Nos. 90-96)

(\$ in Thousands)	
FY 1992	FY 1993
119,968	98,196

This category includes battlefield command and control systems such as Corps/Theater ADP Service Centers (CTASC), Forward Entry Devices (FED), Tactical Army Combat Service Support Computer Systems (TACCS) and Maneuver Control System (MCS).

Automation (P-1 line Nos. 97-98)

(\$ in Thousands)	
FY 1992	FY 1993
228,978	244,154

This category includes funds to continue the modernization of non-tactical (sustaining base) automation throughout the Army. FY 1992 is the first year for the procurement of Reserve Component Automation System (RCAS).

Other Electronic Support Equipment (P-1 line Nos. 99-113)

(\$ in Thousands)	
FY 1992	FY 1993
198,210	236,848

This category includes funding for audio visual equipment, generic test measurement and diagnostic equipment, production base support, initial spares and Special Programs.

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Annual Budget Estimates  
JUSTIFICATION

Appropriation

FY 1992/1993  
Budget

OTHER PROCUREMENT, ARMY

Program or Budget Project Account

Activity 3 - OTHER SUPPORT EQUIPMENT Direct Obligation or Direct Budget Plan	Actual FY 1990	(Thousands of Dollars)		
		Estimate FY 1991	Estimate FY 1992	Estimate FY 1993
	1,055,055	717,050	801,931	625,202

Section 1 - PURPOSE AND SCOPE

These funds provide for the procurement, manufacture, and conversion of chemical defensive, bridging, engineer (non-construction), combat service support, petroleum/water, medical, maintenance, construction, rail, float, containerization, generators, material handling, non-system training devices, and other support equipment. The funds also provide for total package fielding, new equipment training, and first destination transportation of equipment procured within this activity.

Section 2 - JUSTIFICATION OF FUNDS REQUESTED

Chemical Defensive Equipment (P-1 Line Item Nos. 114-122)

(\$ in Thousands)	
FY 1992	FY 1993
151,352	100,122

This category includes chemical-biological individual and collective protection, detection and warning, and decontamination equipment. These funds will continue procurement of the new M40 series mask, collective protective equipment, the chemical agent monitor, and a lightweight decontamination apparatus, radiation monitoring systems and the NBC Reconnaissance System necessary for U.S. forces to operate in a chemical environment.

Engineer (Non-Construction) Equipment (P-1 Line Item Nos. 124-129)

(\$ in Thousands)	
FY 1992	FY 1993
39,359	32,881

This category provides funding for mine/countermine equipment. The FY 1992/1993 program continues procurement of the Volcano mine dispenser, the Vehicle Magnetic Signature Duplicator, and Detecting Set, Mine.

Combat Service Support Equipment (P-1 Line Item Nos. 130-140)

(\$ in Thousands)	
FY 1992	FY 1993
85,546	57,196

This category provides for the acquisition of various combat support equipment items. The FY 1992/1993 programs include air conditioners required to support major systems such as aviation maintenance shops, missile systems and communications and electronic shops. Also included are continuing programs for trailer mounted laundry units, the Standard Integrated Command Post System, and the Mobile Field Kitchen. A new line in this category is the Soldier Enhancement program. This program was established to procure improved "soldier items".

Petroleum Equipment (P-1 Line Item Nos. 141-151)

(\$ in Thousands)	
FY 1992	FY 1993
28,283	16,488

This category includes equipment necessary for the storage and distribution of fuel. The FY 1992/1993 program also continues procurement of the South West Asia Petroleum Distribution System, which includes bulk storage tanks, hoses, pumps, and pipeline required to support the Army's mission of distributing bulk petroleum to all Central Command (CENTCOM) land-based forces. Also included are procurements of the 60,000 Gallon Fuel System Supply Point, The Forward Area Refueling System Advanced Aviation and the HEMTT Aviation Refueling System used for rapid refueling of aircraft and the Tank and Pump unit required to refuel ground units.

Water Equipment (P-1 Line Item Nos. 152-156)

(\$ in Thousands)	
FY 1992	FY 1993
33,075	21,285

This category includes water support equipment required to provide a capability for production, purification, storage and distribution of water. The FY 1992/1993 programs continue to provide for the acquisition of the equipment in support of the modernization of the total Army's water support capability. In order to provide purification capability, funding continues for the 3,000 gallon per hour reverse osmosis water purification units (ROWPU). The FY 1992/1993 program also includes procurement of the 3,000 gallon fabric tank for water storage following purification, the water quality analysis set used to determine the extent of impurities and other chemical substances in raw water, and the Forward Area Water Point Supply System used to provide a water storage/distribution capability at the company level.

Medical Equipment (P-1 Line Item Nos. 157-158)

(\$ in Thousands)  
FY 1992      FY 1993  
104,097      98,091

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 MCA construction and renovation/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 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, hospitals and other medical units. In addition, this category funds electrical generator/environmental control systems, one and two-sided expandable tactical shelters, and two and eight section extendable, modular, personnel (TEMPER) units for use by Army Combat Zone Hospitals.

Maintenance Equipment (P-1 Line Item Nos. 159-161)

(\$ in Thousands)  
FY 1992      FY 1993  
10,947      8,055

This category includes numerous types of maintenance equipment necessary to perform maintenance on all equipment in the field. Examples include welding shops, repair shops and tool sets. The FY 1992/1993 program provides for acquisition of equipment to increase the readiness of maintenance units in the Army, which directly enhances the readiness of our combat forces.

Construction Equipment (P-1 Line Item Nos. 162-165)

(\$ in Thousands)	
FY 1992	FY 1993
<u>6,040</u>	<u>9,028</u>

The FY 1992/1993 program continues to procure various types of construction equipment required to fill shortages and overaged equipment in active component units.

Rail, Float, Containerization (P-1 Line Item Nos. 166-169)

(\$ in Thousands)	
FY 1992	FY 1993
<u>8,173</u>	<u>13,199</u>

The FY 1992/1993 program provides for the procurement of powered causeways and for rail equipment to include locomotives and tank cars.

Generators (P-1 Line Item Nos. 170)

(\$ in Thousands)	
FY 1992	FY 1993
<u>73,804</u>	<u>51,185</u>

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 and combat support systems. The FY 1992/1993 programs continue acquisition of Tactical Quiet Generators (TQG), which provide improved mobility, reliability and survivability, reduced detection by threat forces. These procurements replace overaged gasoline generators, thus transitioning to an all-diesel generator fleet and allowing for a single fuel on the battlefield.

Material Handling Equipment (P-1 Line Item Nos. 171-174)

	( \$ in Thousands)
FY 1992	FY 1993
<u>7,816</u>	<u>13,696</u>

The FY 1992/1993 program initiates the procurement of a new 6000 pound front/side loader forklift which is capable of carrying long missile containers through 96-inch doorways of earth covered magazine and performing all operations normally performed by conventional forklift trucks. In addition, the FY 1992/1993 program continues the procurement of various other material handling equipment.

Training Equipment (P-1 Line Item Nos. 175-178)

	( \$ in Thousands)
FY 1992	FY 1993
<u>117,191</u>	<u>115,185</u>

The FY 1992/1993 program continues to support the Army's training goals to expand the capabilities of the Combat Training Centers (CTC) and continue fielding the non-system training devices and simulations required to enhance the Army's training capabilities, while training resources (maneuver areas, ammunition and funding) become more constrained.

Other Support Equipment (P-1 Line Item Nos. 179-195)

(\$ in Thousands)  
FY 1990    FY 1991  
136,248    88,791

This category continues funding in several major areas. It provides for the acquisition of initial spares and repair parts for other support equipment; funds for the modification of fielded equipment to achieve, sustain and improve personnel safety and combat readiness; also funds for Base Level Commercial Equipment (BCE), Productivity Enhancing Capital Investment Program (PECIP), Quick Return on Investment Program (QRIP), Productivity Investment Funding, Special Equipment for User Testing, and the Industrial Modernization Incentive Program. This category includes funding for total package fielding (TPF), First Destination Transportatation (FDT) and New Equipment Training (NET). The TPF requirement will support costs associated with requisitioning and receipt of initial supply items, packaging with the end items for total package fielding, and processing for hand off costs at a staging area prior to issue to a unit. The FDT will support costs associated with the movement of Other Support Equipment from a manufacturing plant or assembly point to a CONUS depot or other point of first acceptance within the CONUS Army supply system. NET allows for the transfer of knowledge from the materiel developer to the trainer, user, and other support personnel.

**OTHER PROCUREMENT, ARMY**

**Section 3**

**Comparison of Program Requirements and Financing**

OTHER PROCUREMENT, ARMY

Section 3

Comparison of Programing Requirements and Financing

Comparison of FY 1991 program requirements as reflected in the FY 1991 Budget with FY 1991 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1991 financing as reflected in the FY 1991 Budget with FY 1991 financing as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 program requirements as reflected in the FY 1991 Budget with FY 1990 program requirements as shown in the FY 1992/1993 Budget Estimate.

Comparison of FY 1990 financing as reflected in the FY 1991 Budget with FY 1990 financing as shown in the FY 1992/1993 Budget Estimate.

COMPARISON OF FY 1991 PROGRAM REQUIREMENTS  
AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1991 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation Other Procurement, Army	FY 1991	FY 1991	Increase (+)
	Requirements Per FY 1991 Budget	Requirements Per FY 1992/1993 Budget Estimate	or Decrease (-)
Activity 1 - Tactical and Support Vehicles	658,613	665,522	+6,909
Activity 2 - Communications and Electronics Equipment	1,300,667	1,109,315	-191,352
Activity 3 - Other Support Equipment	<u>868,220</u>	<u>717,050</u>	<u>-151,170</u>
TOTAL	2,827,500	2,491,887	-335,613

EXPLANATION BY ACTIVITY

Activity 1 - Tactical and Support Vehicles - The net increase resulted from Congressional adjustments to Semitrailer, Tank (\$+34,000), SUSV (\$-27,031), M915A2 Truck (\$+13,400), Passenger Carrying Vehicles (\$-5,570), and General Purpose Vehicles (\$-7,890).

Activity 2 - Communications and Electronics Equipment - The net decrease resulted from Congressional adjustments to NAVSTAR User Equip (\$-17,509), C3 Upgrade (\$-1,056), USAREUR Tact Cmd & Control System (\$-5,966), WIS (\$-5,000), ADDS (\$-14,184), SINGARS (\$-15,400), GDIP (\$-629), ASAS (\$-26,000), IPS (\$-7,600), Trojan (\$-4,581), Tractor Crash (\$-2,136), Night Vision (\$-10,000), Radiation Monitoring Sys (\$-2,000), Mod-In-Svc (Tac Surv) (\$-2,000), CTASC (\$-3,500), FED (\$-9,749), Maneuver Control Sys (\$+6,000), TACCS (\$-9,000), Automated Data Processing Equip (\$-21,382), FDT (\$-3,400), Special Programs (\$-71,000), general reductions for consultant service savings (\$-782) and discount air fare savings (\$-277), and reprogrammings for DOD Counternarcotic Program (+35,280) and Environmental Restoration (\$+519).

Activity 3 - Other Support Equipment - The net decrease resulted from Congressional adjustments to Recon System, NBC (\$+3,500), ACE (\$-59,852), Rigid Wall Shelter (\$-2,000) SWAPD (\$-23,300), Combat Support Medical (\$-5,000), Generators (\$-2,000), Truck Fork Lift (\$-18,152), Total Package Fielding (\$-10,758), FDT (\$-800), BCE (\$+8,000), Depot Maint Equip (\$-44,898), general reductions for consultant service savings (\$-918) and discount air fare savings (\$-383), and reprogrammings for Environment Restoration (\$+6,891) and Treaty Verification (\$-1,500).

IN THE FY 1991 BUDGET WITH FY 1991 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

(In Thousands of Dollars)			
Appropriation	FY 1991 Financing Per FY 1991 Budget	FY 1991 Financing Per FY 1992/1993 Budget Estimate	FY 1991 Increase (+) or Decrease (-)
Other Procurement, Army			
Program Requirements (Total)	3,051,700	2,758,187	-293,513
Program Requirements (Service Account)	(2,827,500)	(2,491,887)	(-335,613)
Program Requirements (Reimbursable)	(224,200)	(266,300)	(+42,100)
Less:			
Anticipated reimbursements	-224,200	-266,300	-42,100
Unobligated balance available to finance new budget plans		-78,791	-78,791
Unobligated balance transferred from other accounts		-49,243	-49,243
Add:			
Reprogramming from/to prior year budget plans		+49,243	+49,243
Unobligated balance transferred to other accounts		+43,691	+43,691

**BUDGET AUTHORITY**

Appropriation

2,827,500      2,456,787      -370,713

**EXPLANATION:**

The reimbursable program (offsetting collections) increased by \$42,100 because of additional Desert Shield requirements.

The unobligated balance available from prior years to finance new budget plans resulted from Army reprogrammings for Real Property Maintenance (\$-15,491), Army Industrial Fund (\$-24,200), and Drug Interdiction (\$-4,000), and rescission for FY 1989 (\$-24,100) and FY 1990 (\$-11,000).

The unobligated balance transferred from other accounts and reprogrammings from/to prior year budget plans resulted from reprogrammings for Drug Interdiction (\$+300) and Desert Shield (\$+48,943). The unobligated balance transferred to other accounts resulted from reprogrammings for Real Property Maintenance (\$+15,491), Army Industrial Fund (\$+24,200), and Drug Interdiction (\$+4,000).

AS REFLECTED IN THE FY 1991 BUDGET  
WITH THE FY 1990 PROGRAM REQUIREMENTS AS SHOWN  
IN THE FY 1992/1993 BUDGET ESTIMATE  
SUMMARY OF REQUIREMENTS (In Thousands of Dollars)

Appropriation Other Procurement, Army	FY 1990 Requirements Per FY 1991 Budget	FY 1990 Requirements Per FY 1992/1993 Budget Estimate	Increase (+) or Decrease (-)
Activity 1 - Tactical and Support Vehicles	405,176	430,233	+25,057
Activity 2 - Communications and Electronics Equipment	2,151,561	2,094,673	-56,888
Activity 3 - Other Support Equipment	1,051,560	1,055,055	+3,495
TOTAL	3,608,297	3,579,961	-28,336

EXPLANATION BY ACTIVITY

Activity 1 - Tactical and Support Vehicles - The net increase resulted from Army reprogrammings for Military Pay (\$-3,000) and Desert Shield (\$+13,800), and net below-threshold reprogrammings (\$+14,257).

Activity 2 - Communications and Electronics Equipment - The net decrease resulted from Army reprogrammings for Desert Shield (\$+25,400), Army Industrial Fund (\$-12,699), Foreign Currency (\$-46,200), Military Pay (\$-7,000), Drug Interdiction (\$-13,713), Real Property Maintenance (\$+1,600), and Environmental Restoration (\$+429) and net below-threshold reprogrammings (\$-4,705).

Activity 3 - Other Support Equipment - The net increase resulted from Army reprogrammings for Desert Shield (\$+9,743), Army Industrial Fund (\$-11,501), Foreign Currency (\$-3,000), Military Pay (\$+9,100), Drug Interdiction (\$+6,000), Real Property Maintenance (\$-6,600), Environmental Restoration (\$+305), FY 1990 rescission (\$-1,000), Dire Supplemental (\$+10,000), and net below-threshold reprogrammings (\$-9,552).

IN THE FY 1991 BUDGET WITH FY 1990 FINANCING  
AS SHOWN IN FY 1992/1993 BUDGET ESTIMATE

Appropriation	(In Thousands of Dollars)		
	FY 1990 Financing Per FY 1991 Budget	FY 1990 Financing Per FY 1992/1993 Budget Estimate	FY 1990 Increase (+) or Decrease (-)
Other Procurement, Army			
Program Requirements (Total)	3,832,497	3,752,211	-80,286
Program Requirements (Service Account)	(3,608,297)	(3,579,961)	(-28,336)
Program Requirements (Reimbursable)	(224,200)	(172,250)	(-51,950)
Less:			
Anticipated reimbursements	-224,200	-172,250	+51,950
Unobligated balance available to finance new budget plans	-761	-53,761	-53,000
Reprogramming from/to prior year budget plans	14,534	-104,449	-118,983
Add:			
Unobligated balance transferred to other accounts	-14,534	0	+14,534
Unobligated balance available to finance subsequent year budget plans	+11,000	+78,791	+67,791
Unobligated balance lapsing		+31,106	+31,106

**BUDGET AUTHORITY**

Appropriation

3,618,536      3,531,648      -86,888

**EXPLANATION:**

The reimbursable program (offsetting collections) decreased by \$51,950 because orders did not materialize as anticipated.

The unobligated balance available to finance new budget plans resulted from Dire Supplemental rescissions from FY 1988 (\$-23,000) and FY 1989 (\$-30,000).

The reprogramming from/to prior year budget plans resulted from Congressional denial of a Special Programs reprogramming (\$-14,534), Desert Shield reprogramming (\$-48,943), Drug Interdiction reprogramming (\$-300), FY 1989 rescission (\$-24,100), and unobligated balance lapsing (\$-31,106).

The unobligated balance available to finance subsequent year budget plans resulted from Army reprogrammings for Real Property Maintenance (\$+15,491), Army Industrial Fund (\$+24,200), Drug Interdiction (\$+4,000), and a rescission from FY 1989 (\$+24,100).