

Exhibit P-40, Budget Item Justification Sheet

Date:

February 2011

Appropriation / Budget Activity / Serial No:

Other Procurement, Army / 3 / Other support equipment

P-1 Item Nomenclature

GENERATORS AND ASSOCIATED EQUIP (MA9800)

Program Elements for Code B Items:

Code: A

Other Related Program Elements:

	Prior Years	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	To Complete	Total Prog
Proc Qty		9934		522		522	55	957	4479	5940	Continuing	Continuing
Gross Cost		1369.8	209.0	151.1	31.9	31.9	23.6	62.0	121.1	163.7	Continuing	Continuing
Less PY Adv Proc		4.2										4.2
Plus CY Adv Proc		4.2										4.2
Net Proc P1		1369.8	209.0	151.1	31.9	31.9	23.6	62.0	121.1	163.7	Continuing	Continuing
Initial Spares												
Total Proc Cost		1369.8	209.0	151.1	31.9	31.9	23.6	62.0	121.1	163.7	Continuing	Continuing
Flyaway U/C												
Weapon System Proc U/C						0.5	2.5				Continuing	Continuing

P-40 Breakdown

Area	FY 2010		FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total		FY 2013	FY 2014	FY 2015	FY 2016
	Qty	Gross Cost	Qty	Gross Cost	Qty	Gross Cost	Qty	Gross Cost	Qty	Gross Cost	Qty	Gross Cost	Qty	Gross Cost
Active		4942	2519	172	0	172	0	172	20	899	3573	5839		
National Guard		130952.0	49518.0	17891.0	0.0	17891.0	0.0	17891.0	10598.0	56529.0	73060.0	159135.0		
Reserve		3007	3183	222	0	222	0	222	23	50	906	101		
Total		41897.0	52963.0	7647.0	0.0	7647.0	0.0	7647.0	9388.0	4446.0	48058.0	4569.0		
		1985	2560	128	0	128	0	128	12	8	0	0		
		36163.0	48571.0	6359.0	0.0	6359.0	0.0	6359.0	3564.0	975.0	0.0	0.0		
		9934	8262	522	0	522	0	522	55	957	4479	5940		
		209012	151052	31897	0	31897	0	31897	23550	61950	121118	163704		

Description:

DOD has over 19,000 generators that do not meet user requirements and have an average age over 32 years. The Mobile Electric Power (MEP) program replaces and modernizes the DOD generator inventory to meet the Army's requirements. The MEP program is structured around Small (2-3kW), Medium (5-60kW), Large (>100kW) stand-alone generators, multiple configurations of Power Units/Power Plants (PU/PP) and associated distribution equipment (Power Distribution Illumination System Electrical (PDISE)). These programs collectively provide a new, modern family of generators and distribution systems satisfying critical user requirements and will:

1. Reduce Acquisition Costs and Operating and Sustainment (O&S) costs by 15-20%.
2. Reduce weight by 25% across generator population, thereby reducing the Logistics footprint and improving deployability.
3. Significantly improve Reliability, Availability and Maintainability, to include Mean Time Between Failure improvements of 100-300%.
4. Eliminate gasoline from the generator inventory, thus complying with DOD guidance regarding single fuel on the battlefield (diesel/JF8).
5. Reduce battlefield detectability by lowering noise levels by 50-75% across generator population.
6. Improve battlefield survivability critical to providing mission critical electric power to the digitized warfighting forces.

Exhibit P-40, Budget Item Justification Sheet

Date: February 2011

Appropriation / Budget Activity / Serial No:

Other Procurement, Army / 3 / Other support equipment

P-11 Item Nomenclature

GENERATORS AND ASSOCIATED EQUIP (MA9800)

Program Elements for Code B Items:

Code: A

Other Related Program Elements:

Justification:

FY12 Base procurement dollars in the amount of \$31.897 million supports small, medium, and large generator sets, assembly of power units and power plants, and PDISE (Power Distribution Illumination System Electrical). The program provides for the partial replacement of the current inventory of over aged, gasoline-fueled generators with modernized single fuel (diesel/JP8) assets that will enhance the user's safety, survivability, reduce the logistics footprint and enhance reliability and maintainability. These mobile generators provide electric power to virtually every weapon, communication, medical and combat support system in the inventory including Missile/Air Defense Systems; Tactical Operations Centers; Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance systems; and Brigade Combat Teams (BCTs). Funding supports a balanced investment strategy for the Army's approved force structure and Army Force Generation (ARFORGEN) requirements.

There are no FY12 OCO dollars.

LAW Section 1815 of the FY08 NDAA this item is necessary for use by the active components and reserve components of the Armed Forces for homeland defense missions, domestic emergency responses, and providing military support to civil authorities.