

EXHIBIT P-40, BUDGET ITEM JUSTIFICATION				DATE February 2004								
APPROPRIATION (TREASURY) CODE/CC/BA/BSA/ITEM CONTROL NUMBER Procurement, Defense-Wide Horizontal Fusion				P-1 ITEM NOMENCLATURE Major Equipment, OSD								
PROGRAM ELEMENT FOR CODE B ITEMS:				OTHER RELATED PROGRAM ELEMENTS								
Procurement Items	ID Code	Prior Years	PY-1 FY 2002	CY FY 2003	BY1 FY 2004	BY2 FY 2005	BY2+1 FY 2006	BY2+2 FY 2007	BY2+3 FY 2008	BY2+4 FY 2009	To Comp	Total
Proc Qty												
Gross Cost (\$000)				7,812	6,243	10,544	12,289	16,777	17,078	17,487	Continuing	88,230
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (=P-1) (\$000)			0	7,812	6,243	10,544	12,289	16,777	17,078	17,487	Continuing	88,230
Initial Spares												
Total Proc Cost (\$000)			0	7,812	6,243	10,544	12,289	16,777	17,078	17,487	Continuing	88,230
Flyaway U/C												
Wpn Sys Proc U/C												
<p>Description</p> <p>The funds are used to purchase Information Technology (IT) resources for various hardware and software to support the Horizontal Fusion (HF) Portfolio. The HF portfolio is an "R&D" initiative focused on advancing net-centricity by identifying the obstructions to that process and assisting existing programs to extend their capabilities in order to minimize those obstructions. The HF effort will emphasize the use of intelligence in conventional technical intelligence needs (to provide indications and warnings), operations data (to include C2 and ISR sensor data) human source intelligence needs, (to provide/discover and discern intentions), and situational awareness in the areas of persistence and response to surveillance of the battle-space. The HF initiative provides joint forces commanders and their battle staff with information and capabilities they need to effectively operate against a wide-range of threats and to support changed methods of war fighting.</p> <p>These funds will continue support for (1) Edge Applications that provide imagery visualization and manipulation needs, basic translation needs of non SIGINT analysts and military operators, improve operational-intelligence group performance, complex pattern recognition, large data set visualization (2) Time-critical targeting smart software agents, (3) hardware & software licenses to support collateral space users, (4) hardware and software to support Content Staging and federated search, (5) Cross-domain information exchange to include coalition and allied partners. Funding will also support hardware and software requirement for new HF initiatives resulting from tests and demonstrations of the above initiatives.</p>												