

Department of the Navy  
 Other Procurement, Navy  
 Budget Item Justification Sheet  
 Exhibit P-40

FY2005 President's Budget Submission  
 Commander, U. S. Atlantic Fleet

February 2004

Communications & Electronic Equipment		Line Item BA 2 3303		P-1 Item Nomenclature Electrical Power Systems					82
Quantity	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009		
Cost (in Millions)	1.243	1.426	1.291	1.264	1.231	1.256	1.281		

Electrical Power Systems:

The Electrical Power Program is designed to provide highly reliable, continuous, high quality power subsystems to support Naval Network and Space Operations Command. Basic deficiencies in current power sources, couple with recent telecommunication system trends toward sophisticated, highly reliable, high speed, continuous accurate systems (e.g., various High Frequency, Low Frequency, Very Low Frequency Facilities), necessitate a continuing program to upgrade power systems. The Naval Network and Space Operations Command Electrical Power Plan provides the necessary requirements. In CONUS and overseas, where commercial power is available in sufficient quantity, it is utilized as the base system, even though its overall quality may be poor. Because these commercial systems are continually susceptible to blackout and various other types of power perturbations, suitable quick-start emergency power generators must be available to support operational loads. Some of the operational load is designated as "critical" and requires Uninterruptible Power Supply Systems for instantaneous application in case of loss or disturbance of the primary power source.

**Department of the Navy  
Other Procurement, Navy  
Cost Analysis  
Exhibit P-5**

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Program Cost Breakdown														DATE: February 2004	
Exhibit P-5 Cost Analysis															
Appropriation Code/CC/BA/BSA/Item Control Number															
1810 / BA 2		3303		<b>Comm &amp; Electronics Equipment</b>				82							
Cost Elements	QTY	FY 03 Unit Cost	FY 03 Total Cost	FY 04 Unit Cost	FY 04 Total Cost	FY 05 Unit Cost	FY 05 Total Cost	FY 06 Unit Cost	FY 06 Total Cost	FY 07 Unit Cost	FY 07 Total Cost	FY 08 Unit Cost	FY 08 Total Cost	FY 09 Unit Cost	FY 09 Total Cost
Replace 80 KVA UPS SATCOM Site(1 SYSTEM)	1		0.558												
Replace 500 KVA UPS Main Comm Center	2		0.685												
Replace 400 KVA UPS, SATCOM Facility	1				0.680										
Replace 200 KVA UPS, SATCOM Site	3				0.746										
New SCADA System Phase 2, VLF Site	1						0.400								
Replace 500 KVA UPS Main Comm Center	1						0.394								
Replace 500 KW Gen, Main Comm Center	2						0.497								
<b>Total</b>			<b>1.243</b>		<b>1.426</b>		<b>1.291</b>		<b>0.000</b>		<b>0.000</b>		<b>0.000</b>		<b>0.000</b>

Department of the Navy  
 Other Procurement, Navy  
 Budget Procurement History & Planning  
 Exhibit P-5A

FY2005 President's Budget Submission  
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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT P-5A										DATE: February 2004	
Appropriation Code/CC/BA/BSA/Item Control Number 1810 / BA 2 / Program Line 3303						P-1 Line Item Nomenclature 82 Communications and Electronics Equipment					
COST CODE	LINE ITEM/ FISCAL YEAR	CONTRACTOR AND LOCATION	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	COST	SPECS AVAILABLE NOW	SPEC REV REQ'D	IF YES WHEN AVAILABLE
3303	<u>FY03</u>										
	Replace 80KVA UPS SATCOM Site	ICON INC ; Jessup MD	Competitive	SPAWAR, Charleston SC	12-May-03	5/12/2003	1	0.558	Y	N	
	Replace 500 KVA UPS Main Comm Center	ICON INC ; Jessup MD	Competitive	SPAWAR, Charleston SC	12-May-03	5/12/2003	2	0.685	Y	N	
	<b>TOTAL</b>							<b>1.243</b>			

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3303	<u>FY04</u>										
	Replace 1-400 KVA UPS, SATCOM Facility	Still working on the contract	Competitive	SPAWAR, Charleston SC	1/04		1	0.680	Y	N	
	Replace 3-200 KVA UPS, SATCOM Site	Still working on the contract	Competitive	SPAWAR, Charleston SC	1/04		3	0.746	Y	N	
	<b>TOTAL</b>							<b>1.426</b>			