

Appropriation (Treasury)Code/CC/BA/SBA/Item Control Number
1711 Shipbuilding and Conversion, Navy/BA 02/BLI 201700

Weapons System
SSGN

P-1 Line Item Nomenclature
SSGN Conversion

(TOA, \$ in Millions)

| | PLT | QPA | Unit Cost | 2003 CY Qty | 2003CY Contract Forecast Date | 2003 CY Total Cost Request | 2004 BY1 Qty | 2004 'BY1 Contract Forecast Date | 2004'BY1 Total Cost Request | 2005 BY2 Qty | 2005'BY2 Contract Forecast Date | 2005'BY2 Total Cost Request |
|-----------------|-----|---------|-----------|-------------|-------------------------------|----------------------------|--------------|----------------------------------|-----------------------------|--------------|---------------------------------|-----------------------------|
| PLANS (1) | 36 | various | | N/A | 11/02 | 248.4 | N/A | 11/03 | .7 | N/A | 11/04 | 5.5 |
| ERO (2) | 36 | various | | 2 | 11/02 | 48.4 | 1 | 11/03 | 40.4 | | | |
| CONVERSION (3) | 36 | various | | 4 | 11/02 | 186.5 | 2 | 11/03 | 106.6 | 1 | 11/04 | 36.8 |
| ORDNANCE (4) | 36 | various | | 4 | 11/02 | 53.2 | 2 | 11/03 | 51.1 | 1 | 11/04 | 2.2 |
| ELECTRONICS (5) | 36 | various | | 4 | 11/02 | 48.1 | 2 | 11/03 | 36.0 | 1 | 11/04 | 3.5 |
| Total AP | | | | | | 584.6 | | | 234.7 | | | 48.0 |

Description:

(1) PLANS Ship detailed design work consisting of preparation of design products for fabrication, construction, testing and demonstration of SSGN, development of digital models, class drawings, ripout drawings, integrated schedules, technical team support at the conversion shipyard and lead yard services. The attack weapons control system development includes definition of new requirements for the Tactical Tomahawk Weapon Control System (TTWCS), definition for the Launcher Control System (LCS), detailed design, implementation, and integration of the system components and system engineering required to perform the SSBN to SSGN conversion.

(2) ERO CNO scheduled availability identified in the class maintenance plan which includes refueling of the nuclear reactor core and refurbishment or replacement of major equipment. Advance planning including ERO work package development is required to support the SSGN ERO and conversion schedule.

(2) CONVERSION Procurement of long lead time material and manufacturing labor to fabricate components and assemble installation kits is required to insure timely delivery to the shipyard. Advance planning is necessary to perform ripout and planning of the conversion installation.

(4) ORDNANCE Procurement of Attack Weapons Control Systems is required to support the SSGN conversion schedule.

(5) ELECTRONICS Procurement of the following Government Furnished equipment is required to insure timely delivery to the conversion and ERO activity: Common Submarine Radio Room, Universal Modular Mast, Global Command and Control System-Maritime (GCCS-M), AN/WSN-7 Ring Laser Gyro Navigator, Tactical Integrated Data System (TIDS), OK-542 Handling System, and AN/BQN-17 Secure Fathometer.