

DELIVERY ORDER

FINAL

1. CONTRACT NO. N00178-04-D-4047	2. DELIVERY ORDER NO. 000230	3. EFFECTIVE DATE ORIG 09/24/2004 MOD 09/20/2007	4. PURCHASE REQUEST NO. N00253-07-MR-61988
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5. ISSUED BY CODE N00253 NUWC, KEYPORT DIVISION 610 Dowell Street Keyport WA 98345-7610 monique.klose@navy.mil 360-315-2215	6. ADMINISTERED BY CODE S2404A DCMA VIRGINIA 10500 BATTLEVIEW PARKWAY, SUITE 200 MANASSAS VA 20109-2342
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7. CONTRACTOR CODE 0ZPB3 Envisioneering, Inc. 4485 Danube Drive Suite 46 King George VA 22485	FACILITY	8. DELIVERY DATE See Section F
		9. CLOSING DATE/TIME (hours local time -- Block 5 issuing office) SET ASIDE TYPE
		10. MAIL INVOICES TO See Section G

11. SHIP TO See Section D	12. PAYMENT WILL BE MADE BY CODE HQ0338 DFAS Columbus Center, South Entitlement Operations P.O. Box 182264 Columbus OH 43213
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13. TYPE OF ORDER	D	X	This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above-numbered contract.
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ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

Envisioneering, Inc.	Jan DeBarthe	09/21/2007
_____	Director of	_____
_____	Corporate Contracts	_____
NAME OF CONTRACTOR	SIGNATURE	DATE SIGNED

14. ACCOUNTING AND APPROPRIATION DATA
See Section G

15. ITEM NO.	16. SCHEDULE OF SUPPLIES/SERVICES	17. QUANTITY ORDERED/ACCEPTED*	18. UNIT	19. UNIT PRICE	20. AMOUNT
See the Following Pages					

*If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.	21. UNITED STATES OF AMERICA By: Carrie L. Bender CONTRACTING/ORDERING OFFICER	09/25/2007	22. TOTAL \$6,894,005.29
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SECTION	DESCRIPTION	SECTION	DESCRIPTION
B	SUPPLIES OR SERVICES AND PRICES/COSTS	H	SPECIAL CONTRACT REQUIREMENTS
C	DESCRIPTION/SPECS/WORK STATEMENT	I	CONTRACT CLAUSES
D	PACKAGING AND MARKING	J	LIST OF ATTACHMENTS
E	INSPECTION AND ACCEPTANCE		
F	DELIVERIES OR PERFORMANCE		
G	CONTRACT ADMINISTRATION DATA		

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GENERAL INFORMATION

The purpose of this modification is to incorporate the following changes:

Accordingly, said Task Order is modified as follows:

1. The ceiling for SLIN 0001AS has been decreased to the funded amount of \$1,410,908.00.
2. The ceiling for SLIN 0001BH has been decreased to the funded amount of \$37,993.81.
3. The funded amount for SLIN 0001BK has been decreased by \$10,151.56 for a new funded amount of \$573,061.86. The ceiling for SLIN 0001BK has been decreased to the funded amount of \$573,061.86.
4. The ceiling and funded amount for SLIN 0001BL has been decreased by \$12,664.00 for a new funded and ceiling amount of \$26,227.15.
5. SLIN 0001BQ has been added for a funded and ceiling amount of \$10,684.92.
6. SLIN 0003AM has been increased from \$30,397.00 by \$10,151.56 to \$40,548.56 (\$630.00 is in support of the extension period and \$9,521.56 for Option Period 2 Equitable Adjustment).

See Sections B and G for revised and added SLINs and accounting and appropriation data.

A conformed copy of this Task Order is attached to this modification for information purposes only.

The total amount of funds obligated to the task is hereby decreased by \$1979.08 from \$6895984.37 to \$6894005.29.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPFF

0001					
0001AA	Transition Phase - Provide Information Technology (IT) Customer and System Support (WCF)	1.0 Lot	\$0.00	\$0.00	\$0.00
0001AB	Option 1- Provide Information Technology (IT) Customer and System Support. Revised via modification 10. Increased from \$517,100.00 by \$27,883.00 for a new fully funded amount of \$545,183.00. (WCF)	1.0 Lot	\$514,153.00	\$30,830.00	\$544,983.00
0001AC	Option 1 - Provide Information Technology (IT) Customer and System Support. The purpose of this SLIN is to provide additional funding. (WCF)	1.0 Lot	\$140,560.00	\$8,440.00	\$149,000.00
0001AD	Option 1 - Provide Information Technology (IT) Customer and System Support. The purpose of this SLIN is to provide additional funding. (WCF)	1.0 Lot	\$332,121.00	\$20,223.00	\$352,344.00
0001AE	Option 2 - Provide	1.0 Lot	\$70,288.00	\$4,487.00	\$74,775.00

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Information
Technology (IT)
Customer and
System Support
(WCF)

0001AF	Modification 13. Option 3- Provide Information Technology (IT) Customer and System Support (WCF)	1.0 Lot	\$559,509.00	\$35,000.00	\$594,509.00
0001AG	Option 2 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AE. (WCF)	1.0 Lot	\$65,800.00	\$4,200.00	\$70,000.00
0001AH	Option 2 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AE. (WCF)	1.0 Lot	\$564,000.00	\$36,000.00	\$600,000.00
0001AJ	Modification 10. The purpose of this SLIN is to provide additional funding for services outlined in Option 1 - SLIN 0001AB. (WCF)	1.0 Lot	\$40,168.00	\$2,410.00	\$42,578.00
0001AK	Modification 10. Option 2 - This funding is provided for Overtime for Network Telecommunication Equipment Upgrade Installation to support VOIP CPP project. Modification 23: Decrease funding due to project completion. (WCF)	1.0 Lot	\$12,867.62	\$787.81	\$13,655.43

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0001AL	Modification 11. Option 2 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AE. Decrease by \$3,704.00 shifting \$3,504.00 to SLIN 0003AE. (WCF)	1.0 Lot	\$198,635.00	\$12,100.00	\$210,735.00
0001AM	Modification 10. Option 2 - The purpose of this SLIN is provide additional funding for services outlined in SLIN 0001AE. (WCF)	1.0 Lot	\$72,150.00	\$4,350.00	\$76,500.00
0001AN	Modification 12. Option 2 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AE. (WCF)	1.0 Lot	\$119,028.00	\$7,157.00	\$126,185.00
0001AP	Modification 12. Option 2 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AE. (WCF)	1.0 Lot	\$22,648.00	\$1,360.00	\$24,008.00
0001AQ	Modification 13. Option 3 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$23,500.00	\$1,500.00	\$25,000.00

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0001AR	Modification 15. Option 3 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$105,660.00	\$6,340.00	\$112,000.00
0001AS	Modification 30 decreases ceiling to funded amount. Modification 20 decreases the ceiling amount by \$82,524.00 due to addition of SLINs 0001AX, 0001AY, 0001AZ, and 0003AJ. Modification 19 increases funded amount by \$50,000.00. Modification 18 decreases ceiling by \$50,000.00 due to addition of SLIN 0001AU. Modification 17 increases ceiling for the CLIN by \$384,941.00. Modification 16 reduced awarded and funded amount for this SLIN. Modification 15. Option 3 - The purpose of this SLIN is to provide additional funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$1,338,305.00	\$72,603.00	\$1,410,908.00
0001AT	Modification 16. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$47,429.00	\$2,571.00	\$50,000.00
0001AU	Modification 18. The purpose of this SLIN is to provide funding	1.0 Lot	\$47,429.00	\$2,571.00	\$50,000.00

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for services
outlined in SLIN
0001AF. (WCF)

0001AV	Modification 18. The purpose of this SLIN is to provide funding for MCS and Business Applications Support added via modification 18. (WCF)	1.0 Lot	\$24,414.00	\$1,465.00	\$25,879.00
0001AW	Extension Period. The purpose of this SLIN is to extend the period of performance for the contractor to provide Information Technology (IT) Customer and System Support. The period of performance for this SLIN shall be from October 1, 2006 through December 31, 2006. (WCF)	1.0 Lot	\$62,292.00	\$3,737.00	\$66,029.00
0001AX	Modification 20. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$13,180.00	\$791.00	\$13,971.00
0001AY	Modification 21 reduces the awarded and funded amount of this SLIN by \$830.00 to shift funding to 0003AJ. Modification 20. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001AF. (WCF)	1.0 Lot	\$55,524.00	\$3,331.00	\$58,855.00
0001AZ	Modification 20.	1.0 Lot	\$971.00	\$58.00	\$1,029.00

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Option 3 - The purpose of this SLIN is to provide funding for services outlined in SLINs 0001AF and 0001AV. (WCF)

0001BA	Modification 20. Extension Period - The purpose of this SLIN is to provide funding for Services outlined in SLIN 0001AW include MCS Business Support. (WCF)	1.0 Lot	\$13,180.00	\$791.00	\$13,971.00
0001BB	Modification 21. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001AW. (WCF)	1.0 Lot	\$24,528.00	\$1,472.00	\$26,000.00
0001BC	Modification 21. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001AW. (WCF)	1.0 Lot	\$501,747.00	\$30,105.00	\$531,852.00
0001BD	Second Extension Period. The purpose of this SLIN is to extend the period of performance for the contractor to provide Information Technology (IT) Cuserm and System Support. The period of performance for this SLIN shall be from January 1, 2007 through February 28, 2007. (WCF)	1.0 Lot	\$354,191.00	\$21,251.00	\$375,442.00
0001BE	Modification 28 & 24. Extension Period. The purpose of this	1.0 Lot	\$89,622.64	\$5,377.36	\$95,000.00

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SLIN is to provide funding for services outlined in SLIN 0001BD & 0001BK. (WCF)

0001BF	Modification 24. Second Extension Period. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001BD. (WCF)	1.0 Lot	\$9,434.00	\$566.00	\$10,000.00
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0001BG	Third Extension Period. Modification 26 reduces this SLIN from \$226,628.81 by \$204,969.81 due to addition of funding SLINs 0001BJ and 0001BK. The purpose of this SLIN is to extend the period of performance for the contractor to provide Information Technology (IT) Customer and System Support. The period of performance for this SLIN shall be from March 1, 2007 through July 13, 2007. (WCF)	1.0 Lot	\$20,433.02	\$1,225.98	\$21,659.00
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0001BH	Modification 30 decreases the ceiling to the funded amount. Fourth Extension Period. The purpose of this SLIN is to extend the period of performance for the contractor to provide Information Technology (IT) Customer and System Support. The period of performance for	1.0 Lot	\$35,843.22	\$2,150.59	\$37,993.81
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this SLIN shall
be from April 1,
2007 through July
13, 2007. (WCF)

0001BJ	Modification 26. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001BG. (WCF)	1.0 Lot	\$37,767.51	\$2,266.05	\$40,033.56
0001BK	Modification 30 decreases the ceiling and the funding for this SLIN. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001BG, this modification also increases the ceiling to extend the period of performance through July 13, 2007. (WCF)	1.0 Lot	\$540,624.40	\$32,437.46	\$573,061.86
0001BL	Modification 30 decreases the ceiling and funded amount. Fourth, Fifth, and Sixth Extension Period. The purpose of this SLIN is to provide funding for services outlined in SLIN 0001BH. (WCF)	1.0 Lot	\$24,742.59	\$1,484.56	\$26,227.15
0001BM	The purpose of this SLIN is to provide funding for services outlined in SLIN 0001BG in support of extending the period of performance through July 13, 2007. (WCF)	1.0 Lot	\$10,051.89	\$603.11	\$10,655.00
0001BQ	Modification 30. Fourth, Fifth,	1.0 Lot	\$10,080.11	\$604.81	\$10,684.92

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and Sixth
Extension Period.
The purpose of
this SLIN is to
provide funding
for services
outlined in SLIN
0001BH. (WCF)

For ODC Items:

Item	Supplies/Services Qty	Unit	Est. Cost

0003			
0003AA	Other Direct Costs (ODCs) in support of SLIN 0001AA. (WCF)	1.0 Lot	\$0.00
0003AB	Other Direct Costs (ODCs) in support of SLIN 0001AB. (WCF)	1.0 Lot	\$55,017.00
0003AC	Other Direct Costs (ODCs) in support of SLIN 0001AE. (WCF)	1.0 Lot	\$25,225.00
0003AD	Modification 13. Option 3 - Other Direct Costs (ODCs) in support of SLIN 0001AF. (WCF)	1.0 Lot	\$5,491.00
0003AE	Modification 11. Option 2 - Other Direct Costs (ODCs) in support of SLIN 0001AE. Increase ODC amount from \$40,596.00 by \$3,504.00 for new amount of \$44,100.00 (WCF)	1.0 Lot	\$44,100.00
0003AF	Modification 12. Option 2 - Other Direct Costs (ODCs) in support of SLIN 0001AE. (WCF)	1.0 Lot	\$13,800.00
0003AG	Modification 20	1.0 Lot	\$142,300.00

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decreases the ceiling for this SLIN from \$151,000.00 by \$8,700.00 for a new ceiling of \$142,300.00. Modification 17 increases ceiling for this SLIN from \$142,300.00 by \$8,700.00 for a new ceiling of \$151,000.00. Modification 16 increases the SLIN from \$45,000.00 by \$97,300.00 for new total of \$142,300.00. Modification 15. Option 3 - Other Direct Costs (ODCs) in support of SLIN 0001AF. (WCF)

0003AH Modification 21 fully funds this SLIN. Extension Period. Other Direct Costs (ODCs) in support of SLIN 0001AW. (WCF) 1.0 Lot \$41,657.00

0003AJ Modification 21 increases this SLIN by \$830. Modification 20. Option 3 - Other Direct Costs (ODCs) in support of SLIN 0001AF. (WCF) 1.0 Lot \$17,369.00

0003AK Extension Period 2. The purpose of this SLIN is for Other Direct Costs (ODCs) in support SLIN 0001BD. (WCF) 1.0 Lot \$32,899.00

0003AL Third Extension Period. The purpose of this SLIN is for Other Direct Costs (ODCs) in support 1.0 Lot \$10,075.00

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of SLIN 0001BG.
(WCF)

0003AM Modification 30 1.0 Lot \$40,548.56
 increases this
 SLIN by a total
 amount of
 \$10,151.56
 (\$630.00 in
 support of the
 extension period
 and \$9,521.56 for
 Option Period 2
 Equitable
 Adjustment).
 Fourth, Fifth,
 and Sixth
 Extension Period.
 The purpose of
 this SLIN is for
 Other Direct
 Costs (ODCs) in
 support of SLIN
 0001BH. (WCF)

NOTE 1 - For the Base Period of Performance, the period of performance shall be from date of award through 30 September 04.

NOTE 2 - CLINs 0001AB through 0001AD and 0003AB through 0003AD are Option Items and in no way are purchased or guaranteed under the resulting contract. Work cannot be started or performed under the Option Items without Option Exercise by the Contracting Officer. Options Items 2 through 4 will be individually exercised in accordance with FAR Clause 52.217-9.

CONTRACT TYPE SUMMARY FOR PAYMENT OFFICE (COST TYPE) (NAVSEA) (FEB 1997)

- a. Item 0001 is cost type
- b. Item 0003 is cost type

PAYMENTS OF FEE(S) (LEVEL OF EFFORT) (NAVSEA) (MAY 1993)

- (a) For purposes of this delivery order, "fee" means "fixed fee" in cost-plus-fixed-fee level of effort type delivery orders.
- (b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be equal to TBD% of the allowable cost of each invoice submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable (percentage of fee is based on fee dollars divided by estimated cost dollars, including facilities capital cost of money). Total fee (s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract.
- (c) The fee(s) specified in SECTION B, and payment thereof, is subject to adjustment pursuant to paragraph (g) of the special contract requirement entitled "LEVEL OF EFFORT." If the fee(s) is reduced and the reduced fee(s) is less than the sum of all fee payments made to the Contractor under this contract, the Contractor shall repay the excess amount to the Government. If the final adjusted fee exceeds all fee payments made to the contractor under this contract, the Contractor shall be paid the additional amount, subject to the availability of funds. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract at the time of the discontinuance of work.
- (d) Fee(s) withheld pursuant to the terms and conditions of this contract shall not be paid until the contract has been modified to reduce the fee(s) in accordance with the "LEVEL OF EFFORT" special contract requirement, or until the Procuring Contracting Officer has advised the paying office in writing that no fee adjustment is required.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

SECTION C DESCRIPTIONS AND SPECIFICATIONS

1. BACKGROUND:

The Naval Undersea Warfare Center (NUWC), Keyport supports the Naval Sea Systems Command in research, development, test and evaluation, engineering, and Fleet support center for submarines, autonomous underwater systems, and offensive and defensive weapons systems associated with undersea warfare. The Information Services Division operates and maintains the corporate Information Technology (IT) infrastructure for the command. The Division maintains command and control of mission critical IT development directions, operational performance, and workforce activities for NUWC Keyport. This is accomplished by recommending, developing, and implementing IT strategies and master plans. The objective of this SOW is to support NUWC Keyport's mission of providing Information Resource Services functional task roles of:

A) Customer Support (Subtask A through C)

B) Systems Support (Subtask A through F)

C) Process Automation Support (Subtask A and B); in support of the comptroller department. The Comptroller Department implements and administers financial control in accordance with directives and policies. The Comptroller Department responsibilities include: Responsible primarily for financial management policy formulation and oversight of the financial process. Provides updated Department/Center financial directives. Implements and administers financial operations in accordance with governing directives and policies. Develops, coordinates and maintains an integrated system of financial management and comptroller staff services. Provides financial information essential for effective management control. Translates workload requirements into required financial plans. Formulates NUWC, KPT's budgets.

Compares financial performance against plans. Analyzes variances. Determines where financial adjustments are required. Develops and operates a progress and statistical reporting system. Coordinates and operates Keyport's accounting and budgeting functions. Exercises internal fiscal review and control. Plans and monitors Keyport's overall business performance improvement. Manages the unit costing program. Maintains corporate quality, cost and performance indicators. Prepares and maintains future financial management plans.

D) Corporate IT Facilities Maintenance & Management Support (Subtask A through F). The Information Services (IS) Division of the corporate Operations Services Department at NUWC Keyport operates and maintains the corporate Information Technology (IT) infrastructure for the command. The Division maintains command and control of mission critical IT development directions, operational performance, and workforce activities for NUWC Keyport. This is accomplished by recommending, developing, and implementing IT strategies and master plans in order to provide a systematic architecture for evolving technologies necessary for an effective and reliable IT Infrastructure and capability across NUWC Division Keyport in support of the Division's Strategic Plan.

E) SUN SPARCenter 2000 Maintenance & Repair Services

The Information Services Division provides Corporate IT support for the business corporate applications that are operated primarily on the Sun Enterprise 3500 systems (Primary) and the Sun SPARCenter 2000 systems (Backup). These business corporate applications support the daily operations at the Naval Undersea Warfare Center, Division at Keyport, WA. The Sun Enterprise 3500 systems consist of three platforms identified as KPWASUN1, KPWASUN2, and KPWASUN3. The Sun SPARCenter 2000 systems consist of four platforms identified as KPWASUNA (was NDK11), KPWASUNB (was NDK10),

KPWASUNC (was NDK7), and KPWASUN0 (was NDK9). Included with these systems are 2 Sun SPARC Storage Libraries. This equipment is located in buildings 12 & 1003 at Keyport, WA. The contractor is required to provide system analysis, troubleshooting, and hardware maintenance and repair services for the Sun SPARCenter 2000 systems, the Sun Enterprise 3500 systems, and the Sun SPARC Storage Libraries. This requires experience with the

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Sun SPARCcenter 2000 systems and Sun Enterprise 3500 systems, various peripherals, the network environment and the Solaris Operating System.

2. SECTION A - CUSTOMER SUPPORT SCOPE

This work involves providing networking support for NUWC, Keyport's corporate network infrastructure; perform PC workstation installation, troubleshooting, preventative and corrective maintenance of hardware and corporate user application software and system configurations; provide Help Desk and monitoring support; provide software/hardware assessment. Provide installation, testing, troubleshooting, operations and maintenance functions for Server hardware and software systems. Provide backup/recovery functions for our Corporate Servers.

Task A: Change to read:

Network Support. Using references a through g provide support of TCP/IP network connectivity, modern network troubleshooting tools and sophisticated test equipment (OTDR's, Cat5 testers, etc.). Install, maintain and troubleshoot a wide variety of Local Area Networks (LAN) including thinwire, Category 5 UTP, and fiber optic installations and support the existing thinwire and UTP networks, fiber optic cable interconnectivity requirements, and various network modernization projects. LAN's include Thinwire Ethernet (10 Mbps), Ethernet (10Mbps), Fast Ethernet (100Mbps), Gigabit Ethernet (1000Mbps) and Fiber Distributed Data Interface (FDDI – 100Mbps). Install, maintain, and troubleshoot a wide variety of Wide Area Network's (WAN) and cabling requirements including T1 (1.544Mbps), FT1 (up to 1.544Mbps), RS232, V.35, RS530, RS422/449, ISDN PRI/BRI. Equipment may include routers, CSU/DSU's, multiplexers, crypto, Fiber Optic Modems, etc. Other requirements include utilizing test equipment, applications used to support the entire network, and various documentation requirements to include estimates, project documentation, metrics and charts, Tech Brief input, briefings, status reports, drawings, policies and procedures. The installation of turnkey systems may require use of a leased vehicle, rental of special equipment to support emergent services, and minor parts to perform repairs. This support may include the following:

- Help Desk support for network related customer trouble calls
- Installation, troubleshooting, preventative and corrective maintenance repair of the Baseband (thinwire) cable system. This includes providing Time Domain Reflectometer (TDR) prints of cable to insure conformance in accordance with reference e and fault isolation techniques for potential Baseband related problems.
- Installation, troubleshooting, preventative and corrective maintenance and repair of the Category 5 twisted pair cable system. This includes maintenance, fault isolation and repair of twisted pair related problems.
- Installation of new application equipment that provides physical and logical interface between the disparate transmission media.
- Installation, troubleshooting, preventative and corrective maintenance and repair of the fiber optic cable system. This includes fault isolation and repair of fiber optic related problems. Maintenance of fiber optic cable in accordance with reference e. Provide Optical Time Domain Reflectometer (OTDR) prints of work performed on current and future fiber implementations.
- Installation, configuration and testing of newly procured equipment, which interfaces users and/or systems to data communication networks.
- Installation, configuration, and testing of network related equipment at the desktop level, which interfaces users and/or systems to data communication networks.
- In a workbench/electrostatic discharge environment, repair network related equipment, (which includes bridges, switches, routers, multiplexers, etc.). Repair faulty units or components on-site or send to a commercial repair center. Failed units or components under warranty shall be returned to the vendor for repair. Upon repair, units or components shall be returned to storage and a repaired equipment report completed.
- Confined space work is hazardous and requires proper ventilation, testing and certification procedures compliant with all applicable Federal, State, and NAVSEA Keyport Safety Department standards. This work includes, but is not limited to, manhole access to underground cable vaults and conduit/duct systems, which may hold asphyxiating

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and/or toxic atmospheres. Performers shall be fully qualified in the use of specialized safety equipment (i.e., portable gas monitors) and procedures relating to confined space entry and work

- Aerial cable work is hazardous and requires proper training and certification procedures compliant with all applicable Federal, State and NAVSEA Keyport Safety Department standards. Performers shall be capable of installation of aerial outside cable plant using a variety of methods depending upon circumstances. Installation of outside cable plant requires the performer be qualified to use specialized equipment, which includes, but is not limited to:

- A vehicle with cable reel
- Aerial cable lashing machine
- Aerial work platform (manlift)

Task B: Change to Read:

Client/Support. Using references a and h provide on-site technicians to support NUWC Keyport's approximately 2,000 workstations with various operating systems, printers, modems, and associated hardware. Troubleshooting and solutions shall be performed via telephone support from the IT Operations Center, use of remote software from the technician's workstation, at a customer's workstation in the field, or within the department's repair facility. Support work shall include project documentation, presentation materials, Tech Brief Input, charts, metrics, technical documentation of procedures, cost benefit analysis, verbal presentations, and training sessions to user groups.

a. Computer Services Support Center: Perform PC hardware/software installation, troubleshooting, preventative and/or corrective maintenance on PC workstations and servers as needed. Maintain software images of all corporate software baselines as required; perform updates to images as needed and as required by DoD mandated updates. Maintain estimated 2000 system units, monitors, keyboards, and 500 laser printers. Hardware problems shall be identified including recommendations for procurements if spare stock is not available. Ensure hardware/software compatibility, hardware upgrade, and replacement recommendations. Replaced parts shall be salvaged and provided as replacement parts. Hardware covered under warranty shall be shipped to the vendor. Customers shall be provided with estimated upgrade/repair costs and turn-around time. Prioritize workload based on emergent customer requirements.

b. Client Support Services: Install, maintain, and troubleshoot user application software and system configurations. Update system and office automation configurations, as they become outdated, to current standards, software versions/releases and solve user initiated configuration problems. Provide customer support via the network (Remote Desktop), the telephone, or personal on-site visits to identify and resolve the problem. Provide support and training on defined corporate software and office suite baselines (such as MS Office, KEAterm, Windows 95, Windows NT, Windows 2000, Windows XP). Provide in-depth evaluations of emerging software tools and hardware. Design and/or maintain and/or install Web pages on the Intranet. Provide training materials and procedures. Prepare help guides for publication on the Intranet.

c. Corporate Help Desk Services: During the core hours of 0700 – 1630, with the ability to staff between the hours of 0600 and 1900 as required (M-F) , answer the Corporate Help Desk phone responding to customer trouble calls that are Desktop related. Calls that are related to ILSMIS, NOMIS or SLDCADA application/platform issues shall be transferred to the IT Operations Center personnel. For non-ILSMIS/NOMIS/SLDCADA issues, a ticket shall be entered into the designated call-tracking database and either resolved or escalated to the appropriate Team/individual. Tickets will be generated for all calls (100%) to track the number of calls received from informational to trouble related. Use designated call-tracking software for reporting purposes and help desk call resolution. Provide monitoring of IT Systems and Services which includes:

- Remote Access Services (RAS) - both Dialup and Virtual Private Network (VPN)
- Electronic Mail
- Networking Services
- Customer Open Calls
- Corporate Applications accessibility (except for ILSMIS, NOMIS and SLDCADA)
- Intrusion Detection

- If a monitored service/application is not functioning properly, notify the appropriate Team/individual in accordance with reference h. Most critical systems are monitored using various applications or a function of the monitored application and may provide a visual status, email status, or paging status.

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Task C: Change to read:

Information Exchange Services: Maintain the corporate IT Domain infrastructure. Provide in-depth evaluations of emerging technologies and update system configurations as they become outdated to current industry standards. Provide customer support via the network, telephone, or on-site for Server related trouble calls. Support work will include project documentation, presentation materials, Tech Brief Input, charts and metrics, technical documentation of procedures, cost benefit analysis, and verbal presentation and training session to user groups. The Information Exchange Services include:

- Domain Access Control/Authentication – Requires a MCSE certification and corporate experience to maintain the Active Directory Structure.
- Corporate E-mail – Requires Microsoft Exchange Training and/or experience. Maintain email systems. Troubleshoot email-related help desk calls. Maintain the Corporate Virus Perimeter email queues. Must have the knowledge and COMSEC qualification with a SECRET clearance to release messages and perform troubleshooting services for Defense Messaging in both the NIPRNET and SIPRNET environments.
- Server Support – Using references a and i plan and coordinate installation, testing, troubleshooting, operation and maintenance of hardware and software systems. Schedule the installation of new and modified hardware/software, allocating system resources, managing accounts, network rights, and access to systems and equipment. Ensure system functionality, integrity, and efficiency.
- Monitor performance, capacity, availability, serviceability, and recoverability of installed systems.
- Disaster Recovery Services – Ensure Corporate Backup/Recovery processes are running and recover data as required.
- Technology Refresh – Research new technologies where applicable to streamline processes and enhance services.
- Maintain systems configuration; manage the installation and integration of system patches, updates, and enhancements. These systems may include:
 - Remote Access Services (RAS)
 - Virtual Private Network (VPN) Services
 - Corporate Servers
 - Domain Services including DNS, DHCP, FTP, WINS, and Secure Shell Services
 - Web Site Access Control
 - Corporate Virus Perimeter

REFERENCES

- a. ISO 9001:2000 Documentation
- b. ANSI Z136.2-1997 – Safe use of Optical Fiber Connections Systems Utilizing Laser Disk and LED Sources
- c. EIA/TIA Fiber Optic Test Procedures: FOTP-60, FOTP-107A, OFSTP-7, OFSTP-MA
- d. KPT 5230-16 Connectivity Support Process
- e. IEEE 802.3 Standards
- f. OSHA Regulations – 1910.268 – Telecommunications
- g. BISCO Telecommunications Distribution Methods Manual
- h. KPT 5230-18 Client Support Services Process
- i. KPT 5230-17 Information Exchange Process

MANAGEMENT Change to Read:

1. Government Furnished Property and Information: No government property is provided.
2. Security: Security Classification of Equipment, Components, Spaces and Documents: The Equipment, Space or Document is classified and subject to the applicable provisions of DOD 5220.22M, Industrial Security Manual;

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SECNAVINST 5530.36, Information Security Program Regulation (17 Mar 99); SECNAVINST 5530.30A, Personnel Security Program; Information and Personnel Security Program Manual NUWCDIVKPT 5510 Rev B; the NUWC Information Systems Security Program Manual NUWCDIVKPT 5239.2; and the NUWC Physical Security and Force Protection Instruction NUWCDIVKPT 5530. Contractor personnel supporting this task order will require a minimum-security clearance level of SECRET.

Spaces: Secret
Equipment: Secret
Documents: Secret

3. Travel Requirements: Some Travel may be required.

4. Overtime: Some overtime may be required.

5. Hours of Work: Normal working hours are Day Shift (Monday – Friday), between the core hours of 0700-1630 (with the ability to staff the Corporate Help Desk from 0600 – 1900 as required).

6. Contractor Access: The contractor has access to government workspaces, workstations, equipment/vehicles, documentation and information necessary for task order performance.

3. SECTION B - SYSTEMS SUPPORT

SCOPE

This work involves providing data input support for NUWC Keyport's Internet and Intranet, and Phone Directory System. Information Services Division support services may include but are not limited to the following:

Task A:

Web Support: In accordance with references a, and c provide data input support including the use of Microsoft Office (Word, Excel, PowerPoint, and Access), HTML and Microsoft Front Page. Support work shall include project documentation, presentation materials, Tech Brief Input, charts and metrics, policies and procedures. This support work may include the following:

- Design, create and maintain NUWC Division Keyport's intranet and internet web sites
- Maintain numerous internal and external links
- Maintain the PDS employee telephone directory (digital and hard copy options)
- Special projects

Note: There is no Task B.

Task C Change to Read:

Application/Database Support: Using references a and c through n, provide on-site technical support for deployment of the Navy's Information Technology for the 21st century (IT21) initiative. This includes requirement analysis, acquisition of materials and services, installation, and training for IT21 standards based products, and support for the Long Range Planning (LRP) action, which includes an Integrated Business Operations Database for Keyport Management and the Board of Directors. Metrics, Metric charting, and data collections to support metrics will be required to measure availability and performance of systems and applications. This requirement also includes:

Application program development and analysis: System design shall be accomplished using Oracle Designer 2000 and Developer 2000 CASE tool sets, Microsoft Visio, FrontPage, Visual Studio and Crystal Reports. SQL shall be the language used for the data definition language (DDL), as well as, the database server database manipulation language (DML). Client software applications shall be designed and constructed for Microsoft Windows, and Microsoft Internet Explorer. All coding shall be done to accomplish requirements set forth in the Individual Module Specification Packages. The object code for data windows, menus, reports, scripts and any other source code and documentation developed shall be stored on hard disk.

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Relational database management support: Support Government Database Manager by providing configuration control and application tuning for corporate applications. Develop all applications in a manner to ensure a stable, maintainable relational design. Support development of associated database procedures, database triggers, permissions, synonyms, and grants within the database system using Oracle versions 7, 8,8i and Microsoft SQL Server, Crystal Reports, ProcessMax and CaliberRM.

Training Support: Provide training support associated with system implementation, including detailed functionality of software modules, classroom exercises given in either formal classroom training and/or one-on-one sessions (Training the Trainer). Training shall be performed for the organization in terms of both its users and sponsors in-group and one-on-one settings. Training Plan shall detail functionality of software modules and shall provide exercises for training participants to follow. Training plan shall be in written format as well as a format suitable for overhead projection. The level of training support shall be determined during individual project development.

Post Implementation Support: Support, required after implementation, will be identified on Software Change Request (SCR) forms provided by the Project Lead. For each:

- Develop a written test plan for each module and test result
- Document each test iteration until the software module is accurate and complete
- Modify the software module, per the SCR form
- Test each module altered against the original module specification package and SCR form for accuracy and completeness
- As each module test is completed, notify the Project Lead is so that the software module, test plan, and test results can be turned over for acceptance testing.

ADD: Quality Control: Provide thorough testing of all new and changed application systems to preclude failures in a production environment, which may include, but not be limited to:

- Development of test plans
- Conducting Quality Assurance testing and providing written documentation of results
- Development/updates to User Documentation and/or User Help Guides

IS Division Application Help Desk Support: The Service Provider shall operate an on-site Application Help Desk during the core hours of 0600-1430 (M-F), with a technical, knowledgeable, courteous and responsive staff. The role will be to resolve questions related to application issues with a “first call resolution” goal of 70%. The Service Provider’s responsibilities shall include, but are not limited to, providing the following support for IS Division applications:

- Record and assign all trouble calls that come into the Help Desk using the designated call-tracking software
- Quickly respond and resolve application problems by phone to the maximum extent possible
- For calls that cannot be resolved, the trouble ticket shall be escalated to the appropriate Team/individual. Use designated call-tracking software for reporting purposes and help desk call resolution.

Task D: Change to Read: Capability Maturity Model (CMM) Support: Provide support for specified Code 19 Projects in the role of the Software Compliance Manager (SCM). Responsibilities, which may include, but not be limited to:

- Plan Schedule for project activities to assure all requirements are complete (see following bullets for requirements)
- Prepare the Standards Compliance Plan which involves:
 - o Initiate Standards Compliance Plan
 - o Make recommendations for Allocation of Responsibilities
 - o Make recommendations for Identifying Activities
 - o Make recommendations for Identifying Resource Requirements
- Prepare to Perform Standards Compliance Activities
 - o Become familiar with the Software (SW) project and what is required to support the customer.
 - o Attend meetings
 - o Attend training (as necessary)

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- Perform Standards Compliance Activities
 - o Review Evidence of SW activities
 - o Resolve Compliance Deviations

- Audit Designated SW Work Products
 - o Prepare Product Audit Report
 - o Address Deviations
 - o Verify Corrections

- Monitor
 - o SW Engineering Activities
 - o SW Work Products
 - o Standards Compliance Records

- Conduct Customer Standards Compliance Review
 - o Prepare for Customer Standards Compliance Review
 - o Conduct customer Standards Compliance Review

Task E

Operational Support: In accordance with references a, and o through q, provide on-site support for Code 19's Operational Support processes, which may include:

- Draft, distribute and post Information Technology Situational Reports (IT SITREP)
- Perform backup functions on specified platforms
- Maintain the off-site storage for specified platform media residing in Building 12
- Update Operational Support processes, procedures and documentation as the environment evolves
- Respond to Operational Support trouble tickets
- Research best value sources for procurement of new assets. Using references r for guidance enter records into ILSMIS and the appropriate spreadsheet.
- Unpack, assemble, and distribute new assets.
- Research/locate, re-locate and excess existing assets. Using reference b for guidance, reconcile hardware and software information using the Consolidated Equipment Database (CED), Code 19 Asset spreadsheets, and the Software Media Library Database.
- Maintain the existing Software Management Application (SMA) which tracks the software licenses issued from Code 19 to the Station
- Maintain and manage the existing Loaner Pool which includes, but is not limited to: laptops, cell phones, printers, projectors, etc. available for all Keyport personnel
- Ensure Property Passes are issued to personnel taking equipment from the loaner pool
- Conduct semi-annual inventory for all of Code 19's active items
- Perform facilities layout/liaison services with the Facilities Department for movement of equipment/personnel with the department's areas
- Department focal point for shipment services of material/equipment
- Support work may also include presentation materials, Tech Brief input, charts and metrics, technical documentation of procedures, cost benefit analysis, and verbal presentations and training sessions to user groups.
- Maintain and monitor Code 19's On-hand spares inventory. Ensure adequate stock is available to support corporate mission
- Perform Tri Ennial Inventories for IS Division assets as required by the Station's Property Officer

Task F:

Audio Visual and Photographic Support: Provide on-site audiovisual and photographic support, in accordance with references a and s, for departmental and Command Sponsored functions. This requires knowledge of the uses, operational capabilities and limitations of digital video cameras, audio/video recorders, players, projection equipment, monitors, editing software, audio/video controllers and switches, various media types and formats including, MPEG, Windows Media, Real Media, and raw AVI. Additionally, the knowledge of and ability to use conventional cameras in all formats, digital cameras and associated peripherals such as scanners, printers, and photographic editing software such as Adobe Photoshop or equivalent is required. Must have understanding of video production, including script writing, story boarding, copyright restrictions, and security policies. Duties may include:

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- Documenting audiovisual processes and services
- Maintaining indicators to measure product and service performance to identify areas of improvement
- Planning, implementing, monitoring and coordinating audio visual and digital streaming media support, this may include:

1. Setting up Broadcast stations & publishing points for LAN1 viewing
2. Filming the event
3. Event setup/coordination
4. Editing for final product
5. Digitizing the event
6. Writing, editing of broadcast scripts
7. Video duplication
8. Format conversions

- Support work may also include presentation materials, Tech Brief input, cost benefit analysis, and verbal presentations and training sessions to user groups: Management
- Responding to Heat Ticket notices for photographic requests
- Reviewing Command Agenda distribution lists for potential photographic assignments or documentation
- Confirming with contacts in the Protocol Office or other customer requests to confirm requirements such as time, location, documentation or schedules
- Collaborating with customers to determine equipment, material, lighting, and other information required
- Providing the customer with the requested end-product
- Scheduling of tasks in the C/19 Photographic Services Calendar
- Processing the Photographic Work Order, Form 3150-1
- Recording the information in the current annual desk calendar
- Archiving all official photographic image information in the Photo Lab data Base with required information
- Making recommendations to the Task Administrator when services that are not economical or practical should be outsourced

REFERENCES

- a. ISO 9001:2000 Documentation and Principles
- b. NUWC DIVKPT 5238, Web Page Management at NUWC Division
- c. KPT 5230-19 Information Resources Department, Business Process Automation
- d. Oracle DBMS manuals for versions 7, 8 and 8i
- e. Manuals/reference books for Microsoft Visual Studio and Microsoft SQL Server
- f. Corporate application project notebooks
- g. Corporate application project plans
- h. Corporate application requirements documents
- i. Corporate application analysis documents
- j. Corporate application design documents
- k. Bug and enhancement logs
- l. Navy Enterprise Resource Planning (ERP) Initiatives
- m. MISSION CRITICAL: Realizing the Promise of Enterprise Systems by Thomas H. Davenport
- n. Software Engineering Institute (SEI), Capability Maturity Model Integrated (CMMI), Level III Standards.
- o. NUWC DIVKPT 11016 Plant & Minor Property Management
- p. KPT 5230-20 Information Resources Department, Operational Support
- q. ILSMIS Customer Module User Manual

MANAGEMENT

Government Furnished Property and Information: No government property is provided.

Security: Security Classification of Equipment, Components, Spaces and Documents: The Equipment, Space or Document is classified and subject to the applicable provisions of DOD 5220.22M, Industrial Security Manual; SECNAVINST 5530.36, Information Security Program Regulation (17 Mar 99); SECNAVINST 5530.30A, Personnel Security Program; Information and Personnel Security Program Manual NUWC DIVKPT 5510 Rev B; the NUWC Information Systems Security Program Manual NUWC DIVKPT 5239.2; and the NUWC Physical Security and Force Protection Instruction NUWC DIVKPT 5530. Contractor personnel supporting this task order will require a minimum-

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security clearance level of SECRET.

Spaces: Secret
Equipment: Secret
Documents: Secret

Travel Requirements: May be required to travel in support of task C.

Overtime: Overtime is estimated at 40 hours per year in support of this task.

Hours of Work: Normal working hours are Day Shift (Monday – Friday), between the core hours of 0700–1630.

Hardware and Software Environment: See Attachment 6.

Contractor Access: The contractor has access to government workspaces, workstations, equipment/vehicles, documentation and information necessary for task order performance.

4. SECTION C PROCESS AUTOMATION SUPPORT

SCOPE

The task is to support the requirements of the Comptroller Department, Code 02. The requirements are: (1) Provide automated processes and local reports using lifecycle management techniques. Include Envisionment and Requirements, POAM's, Design, Development, Testing and Acceptance, Deployment, and Maintenance. (2) Provide documentation of current automated processes and local reports for assisting the migration to corporately supported toolsets. The corporate IT Division (Code 19) establishes the corporate toolsets and will be responsible for the majority of the coding of Comptroller automated processes.

Task A:

In accordance with references a through j, provide the following support:

- Provide the plan and assist in the execution of regularly scheduled production job streams supporting Defense Industrial Financial Management System (DIFMS), Standard Labor Data Collection System (SLDCADA) and local MIS. For estimating purposes, assume 5 job streams for oversight.
- Respond to Heat Tickets on dayshift regarding programs or job streams that fail to execute properly. The urgency of the response to Heat Tickets is predetermined by the production schedule. For estimating purposes assume 4 Heat Tickets per month.
- Assist in incorporating new releases for DIFMS. For estimating purposes, assume 2 per year.
- Enhance or develop reports or processes in support of automation initiatives and emerging requirements including the execution of Defense Industrial Management System (DIFMS). Development may include one to all phases of the lifecycle process for reports and processes as listed here:

1. Envisionment and Requirements
2. Specification Development
3. Design
4. Development
5. Testing and Acceptance
6. Deployment
7. Maintenance

Task B

Provide all necessary software for operation of each new or enhanced program or report. The documentation shall

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follow the standards in a through j. For estimating purposes assume 1 per month.

- Maintain documentation including the interfaces for existing Comptroller automated processes currently in Access, Visual Basic, COBOL or SQL Server. These processes will be migrated to the corporate toolsets. The documentation shall follow the standards in references a through h. For estimating purposes assume 2 per quarter.
- Applications are being migrated from COBOL, Visual Basic and Access to SQL Server, ASP.NET and Crystal Enterprise. Varying levels of knowledge of these tool sets is required.
- Provide support for Comptroller Department data calls. For estimating purposes, assume 1 per month.

REFERENCES:

- Commercial software and hardware manuals
- Comptroller Documentation for reports or automated processes
- Comptroller Operations Procedures
- Comptroller standards for development or revision of reports or automated processes
- Corporate IT Division Business Systems Procedures
- Corporate IT Division standards for development or revision of business systems
- Weekly Progress Report template
- Applications and Reports Master List

MANAGEMENT

All fees for additional training will be paid by the Contractor. The cost of labor hours for training required by the government will be paid by the government. The cost of labor hours for training requested by the Contractor will be paid by the Contractor. For estimating purposes, plan for a total of two one-week courses for the task. The fees and costs for labor are subject to change as needed.

GOVERNMENT FURNISHED PROPERTY: No Government property is provided.

SECURITY: Security Classification of Equipment, Components, Spaces and Documents: The Equipment, Space or Document is classified and subject to the applicable provisions of DOD 5220.22M, Industrial Security Manual; SECNAVINST 5530.36, Information Security Program Regulation (17 Mar 99); SECNAVINST 5530.30A, Personnel Security Program; the NUWC Information and Personnel Security Instruction NUWCKPTINST 5510 Rev B, the NUWC Information Systems Security Program Manual NUWCKPTINST 5239.2, and the NUWC Physical Security and Force Protection Instruction NUWCKPTINST 5530.

Contractor personnel supporting this task order will require a minimum security clearance level of CONFIDENTIAL.

Spaces: UNCLASSIFIED (Business Sensitive areas)

Equipment: UNCLASSIFIED

Documents: Business Sensitive and Privacy Act Sensitive. All data and reports are sensitive in nature and data must be disposed of in approved methods for disposal of Privacy Act or Business Sensitive data. The contractor is responsible for the confidentiality of the data and shall not release data in any way without government approval.

Travel Requirements: Some remote travel may be anticipated for this task. Remote travel will be requested by the TA.

Overtime: 200 hours of overtime are anticipated for Task Order performance. Additional overtime, if required for performance, must be authorized in advance, by the Ordering Office. Heat Tickets for work stoppages of applications in production that result in emergency overtime require the contractor to send an e-mail to the Technical Assistant (TA), the supervisor of the Financial Systems Division, C/023 and the Contractor's Group Manager explaining why overtime was needed. This emergency overtime needs to be followed up with an overtime request form submitted to the TA for initialing and to the supervisor of the Financial Systems Division for signature. Non-emergency overtime needs to be submitted, via the overtime request form, in advance to the TA for initialing and to the supervisor of the

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Financial Systems Division for signature approval. Non-emergency overtime is not allowed without prior approval by the government.

Contractor Access: The contractor has access to government workspaces, workstations, equipment, information and documentation necessary for task order performance.

Schedule: Daily-Monday through Friday with the core hours falling between 0700 to 1630.

5. SECTION D - CORPORATE IT FACILITIES MAINTENANCE & MANAGEMENT SUPPORT SCOPE

This task will provide system level support, technical recommendations and guidance, knowledge and experience as a basis for making decisions that will improve the operational efficiency of the NAVSEA Business Applications. This task emphasizes the use of human cognitive power and analytical ability to accomplish performance monitoring and production control, and the retention and utilization the investment Keyport has in the individual knowledge resource embodied by the historical contractor. A goal of the task is to replace programmatic attempts at cognition and analyses with desktop controls that best allow human evaluation of a given state of affairs, and best allow for easy performance of any necessary actions resulting from it. In support of the Corporate Business Applications, the contractor shall provide Sun Solaris system maintenance, Sybase database maintenance, Oracle database and application server maintenance, technical services support for ILSMIS, DIFMS, UNIX, Crystal Enterprise, Crystal Reports, and locally developed supporting applications.

Hardware/Software Environment

- Sun SPARCcenter 2000 servers and peripherals
- Sun Enterprise 3500 Servers
- MS-Windows and MS-Windows NT based servers and desktop platforms

Software

- Solaris operating systems and utilities
- MS-Windows NT & XP operating systems and utilities
- Sybase server and client software
- Oracle database, application server, client, and application
- Bendata HEAT Call Log system; NUWC DK's WebHeat front-end
- Apache httpd server
- Tomcat JSP server
- COBOL
- Java
- Perl
- C
- Hypertext markup Language, HTML
- Extensible Markup Language, XML
- Structured Query Language, SQL
- UNIX shell dialects: Bourne, Korn, C
- Intelligent Query (IQ)
- Crystal Enterprise & Crystal Reports
- Local extensions to SSG applications
- Terminal Emulation
- X Windows, Open Windows, and Common Desktop Environment (CDE)
- Virtual Network Computing (VNC)
- NAVSEA applications authored and maintained by the Software Support Group (SSG): Industrial Logistics Supply Management Information System (ILSMIS), Invoice Certification Module (ICM), Defense Industrial Financial Management System (DIFMS), Networking
- Local Area Network
- Wide Area Network
- TCP/IP
- FDDI
- Internet
- Intranet

REFERENCES

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Very limited documentation for each of the following applications:

- a. ILSMIS
- b. ICM
- c. DIFMS
- d. Sun hardware documentation
- e. Solaris software documentation
- f. Sybase database management system documentation
- g. Oracle database management system documentation
- h. Oracle Application Server system documentation

REQUIREMENTS: Using the references in references, the contractor shall provide cognitive assessment of system status and process performance, supply all necessary analysis and assistance in resolving operational problems, develop process improvements, and ensure the correct configuration and file state of a suite of Sun computers running the Solaris operating system and Sybase and Oracle database management systems. The contractor shall also provide development effort in the implementation of process improvements as specified below, and according to project specifications to be determined throughout the performance period.

Task A

Sun Solaris System Administration. The contractor shall review the status of the primary and redundant Sun systems used to run SSG corporate applications, ILSMIS, ICM, and DIFMS; and their related support and reporting applications and services. Any problem encountered will be worked through to resolution. Maintain a comprehensive knowledge of these software packages and the system software needed to support them. Determine the impact on the software, hardware configuration, and connectivity requirements and develop plans for the implementation of necessary changes. Provide the software and configuration updates required to optimize the system and to resolve any problems. The following functions are to be accomplished when optimizing the system and when resolving system problems or proposed changes to the legacy or support software.

System Monitoring. Review metrics and logs and take corrective action as necessary.

Deliverables: Cognitive review, metrics, processes, logs, updates, status, Heat tickets, transaction report; all documents posted at <https://kpwason2/sun/status/>.

Metrics: System Availability.

Processes: System startup, System shutdown, System backup, System recovery, Check for system and service availability.

Schedule: Daily review & status update, report hourly on the status of emergent problems, report within 1 working day of actions taken or required.

Disk Maintenance. Maintain disk partitions as required by disk resource requirements. Maintain the files controlling the mounting of file systems at various run levels. Maintain the files controlling network file systems. Review metrics and logs and take corrective action as necessary.

Deliverables: Correct disk configuration, partition maps, normal space utilization below 75% for all file systems. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwason2/sun/disk/>.

Metrics: Disk Capacity, Available Space, Owner Distribution, Percent Change by File system Per Day, Backup Resources Required

Processes: Review disk logs, Backup a disk, Recover a disk, Partition a disk.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Post maps within two working days of updates.

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Printer Administration. Maintain the files controlling printer configuration of the Sun systems. Review metrics and logs and take corrective action as necessary.

Deliverable: Correct printer configuration. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwason2/sun/printer/>.

Metrics: Printer Utilization, Traffic Load, Owner Distribution.

Processes: Review printer logs, Create a printer, Delete a printer.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update printer configuration as required.

Operating System Maintenance. Perform operating system version upgrades when available and as authorized by the SSG. Perform a daily check of operating system patches and prepare any new or changed patches for installation during the second Saturday maintenance day. Review metrics and logs and take corrective action as necessary

Deliverable: Correct operating system installation and configuration, patch installation plan. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwason2/sun/OS/>.

Metrics: Software Currency, Disk Response, Network Load.

Processes: Review system logs, Install a patch, Remove a patch, Recover a system.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Version upgrade schedule to be determined by the SSG. Patch plan posted one week prior to second Saturday maintenance day. Patch application and other system maintenance to be accomplished on second Saturday maintenance days.

Sun Platform Mail Administration. Maintain the file controlling mail configuration on the Sun platforms.

Review metrics and logs and take corrective action as necessary.

Deliverable: Correct mail configuration. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwason2/sun/mail/>.

Metrics: Volume Processed, Traffic Report, Owner Distribution.

Processes: Start mail services, Stop mail services, Create an account, Delete an account.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update mail configuration as required.

Sun Platform Web Administration. Maintain configuration of FTP, HTTP, RFB, and JSP protocol servers. Maintain web pages and Sun documentation. Develop and maintain the common desktop environment (CDE) to provide active management of system configuration and production processes. Review metrics and logs and take corrective action as necessary. Deliverable: Correct web configuration. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwason2/sun/web/>.

Metrics: Protocol Loads, Access Report.

Processes: Start web services, Stop web services, Change Access Control, Check out a file for revision, Check in a file.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update web configuration as required.

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Third Party Software Administration. Maintain software configurations for third party software products required to support SSG systems, and the tools used to implement them. Review metrics and logs and take corrective action as necessary.

Deliverable: Correct third party software installation and configuration. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/sun/ssg/>.

Metrics: IQ Utilization, IQ Zombies Caught and Killed

Processes: Update data dictionary, Execute an IQ procedure, Scan for an IQ zombie.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Schedule of data dictionary changes determined by the SSG. Updates within 1 week of notification of the update requirement.

Backup and Recovery Administration. Maintain configuration files for the Solstice backup system. Be prepared to restore to any time, any file on any Sun system. Review metrics and logs and take corrective action as necessary.

Deliverable: Correct file state. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2???> Accounts created and deleted.

Processes: Create a user account; Create a group; Delete a user account; Delete a group; Create an ILSMIS account; Delete an ILSMIS account; Create a CWPS account; Delete a CWPS account; Create an operator account; Delete an operator account; Create a DIFMS account; Delete a DIFMS account Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update replication configuration as required.

File synchronization. Maintain the files controlling file system synchronization between primary servers in one location and redundant and replicate servers in a different location. Review metrics and logs and take corrective action as necessary.

Deliverables: Synchronized file systems. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/sun/access/>.

Metrics: Average Synchronization Latency, Synchronization Network Load.

Processes: Check file synchronization system status. Synchronize a file or directory.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update synchronization configuration as required.

Task B:

Database Administration. The contractor shall review the status of the Sybase and Oracle database management systems (DBMS) that provide SQL access to the databases underlying the SSG applications. Any problems encountered will be worked through to resolution. Determine the impact on the software, hardware configuration, and connectivity requirements and develop plans for the implementation of proposed and mandated changes. Provide the software and configuration updates required to optimize the system and to resolve any problems. Improve and encapsulate processes for execution in the CDE. Maintain the Sybase database configuration to the standards defined in the Standard Installation Plan (SIP), authored and maintained by the SSG. The following functions are to be accomplished when optimizing the system and when providing database administration:

Database Device Maintenance. Create disk partitions and tablespaces as required by the database device requirements defined by the SIP.

Deliverables: Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/database/devices/>.

Metrics: Database Device Availability, Capacity, and Utilization.

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Processes: Create a raw partition, Create an Oracle tablespace.

Schedule: Review upon receipt of requirement for change, report within 1 working day of actions taken or required.

DBMS Maintenance. Configure Sybase and Oracle software to create the SQL servers and databases defined or necessitated by the SIP.

Deliverables: Correct sql server and database configuration. Process improvement: Capsulate execution of the sql necessary to completely build any of the application databases. Metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwasun2/database/config/>.

Metrics: Server Availability, Database Availability, Database Capacity and Utilization.

Processes: Configure an SSG server. Create and modify SSG database structure.

Schedule: Review upon receipt of requirement for change, report within 1 working day of actions taken or required.

Develop and maintain ease-of-use stored procedures for database users

Deliverables: Stored procedures. Metrics, processes, logs, updates, status, transaction report, all documents posted at https://kpwasun2/database/stored_proc/.

Metrics: Stored Procedure Utilization. Procedures Needed, Procedures Available.

Processes: Check out stored procedure source code. Check in stored procedure source code.

Schedule: Develop and maintain procedures as required, consistent with other project scheduling specified by the IS Division.

Monitor database utilization and performance. Maintain the files controlling database monitor configuration.

Review metrics and logs and take corrective action as necessary.

Deliverables: Correct monitor configuration. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwasun2/database/status/>.

Metrics: Transaction Throughput, Query vs. Transactional Utilization.

Processes: Check SQL server performance. Change monitor configuration. Generate performance metrics.

Schedule: Daily review & status update, report within one (1) working day of actions taken or required.

Update monitor configuration as required.

Database backup and recovery. Maintain the files controlling database backup and recovery processes. Be prepared to restore any Sybase or Oracle database to within one hour of any desired point in time within the constraints of partial or failed non-logged data content manipulations.

Deliverables: Correct backup and recovery configuration. Correct server state and database content. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwasun2/database/backups/>.

Metrics: Backup Volume vs. Recovery Volume, Database Dump Disk Space Requirements.

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Processes: Backup a SQL server. Backup a database. Recover a SQL server. Recover a database.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update backup and recovery configuration as required. Perform special backup or recovery as required.

Access control; User and Group Maintenance. Maintain the server login and database tables controlling user login account, user database accounts, group database privileges, and group membership of users.

Deliverables: Correct login, user, and group configuration. Process improvement: Capsulate execution of the sql necessary to create and destroy table replications. Cognitive review, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/database/access/>.

Metrics: User Resources By Application, Access Requests - Completed and Pending.

Processes: Create a SQL server login. Drop a SQL server login. Create a database user. Drop a database user. Create a database group. Drop a database group. Change a database user's group membership.

Schedule: Daily review & status update, report within 1 working day of actions taken or required. Update access control as required.

Database Migration; Assist the migration of the ILSMIS database from the current Sybase/COBOL implementation, into the new Oracle/Web implementation.

Deliverables: Migrated login, user, group, and database configuration. Metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/database/migration/>.

Metrics: Percent of ILSMIS application operating in the Sybase/COBOL environment. Percent of ILSMIS application operating in the Oracle/Web environment.

Processes: Implement a module in Oracle Application Server.

Schedule: As required for the most timely implementation of new SSG versions consistent with user community preparedness.

Technical Support. The contractor shall supply the additional technical support required by the users of the Sun systems in the pursuance of their individual responsibilities. The support will be made available by telephone supplemented as necessary by email and other electronic means. Response will be made by voice within 2 hours of a call. Support will be tracked by call using Heat or other software as specified by the IS Division standards. The following functions are to be accomplished when providing technical support. Maintain System and File States. Maintain the system processes that comprise its running state, start, stop, and restart processes and applications as required by the user. Maintain the content of files and directories on the system by means of file recovery, direct file creation, deletion, copy and move commands, text editing.

Deliverables: Correct file state. Cognitive file manipulation and validation, metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwusun2/support/state>.

Metrics: Calls requiring system modification.

Processes: {to be defined as requirements emerge from analysis of Heat calls}

Schedule: Report within 1 working day of actions taken or required.

Provide interactive technical assistance. Actively assist developer and operations staff with resolving problems encountered in the accomplishment of their work. Provide suggestions, research, and corrections of command use. Perform adhoc commands as necessary to satisfy user requirements.

Deliverables: Technical assistance. Metrics, processes, logs, updates, status, transaction report, all documents

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posted at <http://kpwasun2/support/assistance/>.

Metrics: Technical Support Utilization and Effectiveness.

Processes: { to be defined as requirements emerge from analysis of Heat calls }

Schedule: Report within 1 working day of actions taken or required. Update call status for every hour of duration. Provide work unit tracking, validation, and archival. Use HEAT and other software products specified by the IS Division, to record work effort made in the accomplishment of this SOW. Present work sessions summaries for evaluation through the use of screen capture replay and verbal and written annotations of the work accomplished and recorded.

Deliverables: Work session summaries. Metrics, processes, logs, updates, status, transaction report, all documents posted at <https://kpwasun2/support/tracking/>.

Metrics: Effort Expended By SOW Category, Customer Satisfaction by SOW Category.

Processes: Open a call. Close a call.

Schedule: Daily review & status update. Update call status at least every hour of duration.

Development. The contractor shall supply additional development effort focused the development of new products and services as required and directed by the IS Division. The potential and non-prioritized list of projects requiring effort include the following: Statement Of Work Completion. Design, develop, test, and implement any metrics, logs, processes, configurations, and reports necessary to satisfy this SOW.

Deliverables: Project plans, metrics, processes, logs, configuration files, reports, all documents posted at <http://kpwasun3/project/sow/>.

Metrics. Tasks Completed and Pending.

Schedule: As time allows consistent with the performance of work specified in this SOW.

Process Capsulization Project. Develop desktop controls that allow execution of a specific application or utility; review of its performance and results; and customized rollback capabilities for OSD business processes that involve the Sun systems or SSG applications and their offshoots.

Deliverables: Process Capsules, project plans, metrics, processes; all documents posted at <http://kpwasun3/project/capsule/>.

Metrics. Processes Identified and Capsulated.

Schedule: As time allows consistent with the performance of work specified in this SOW.

ILSMIS Query Modernization Project. Analyze existing queries written in Intelligent Query v.3 syntax, and convert them into web-based processing and presentation using, primarily, the Crystal Report & Enterprise tools and software.

Deliverables: ILSMIS Queries, project plans, metrics, processes, all documents posted at <http://kpwasun3/project/query/>.

Metrics. ILSMIS Queries Identified and Converted.

Schedule: As time allows consistent with the performance of work specified in this SOW.

DAASC Processing Simplification Project. Modernize and simplify the existing DAASC transaction processing

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system by eliminating unused data extractions and developing a simplified data transfer scheme.

Deliverables: Simplified DAASC processing, project plans, metrics, processes, all documents posted at <http://kpwasun3/project/daasc/>.

Metrics. DAASC Processing Simplification Project Status.

Schedule: As time allows consistent with the performance of work specified in this SOW.

Counterpart Service Project. Design, develop, test, and implement various critical network services in the Sun/Solaris environment. Critical services include DHCP, DNS, SMTP, FTP, RFB, HTTP, SMB. Deliverables: Counterpart services. Project plans, metrics, processes, configuration files, status report, all documents posted at <http://kpwasun3/counterpart/>.

Metrics. Tasks Completed and Pending. Update Latency.

Schedule: As time allows consistent with the performance of work specified in this SOW.

Knowledge Resource. The contractor shall provide a comprehensive knowledge resource encompassing a)

the current location and state of all the hardware, software and configuration components, and all the processes, documented and undocumented, required to accomplish the work defined in Section 2; and b) the installation, configuration and use of the tools and languages specified in Section 1.1.2. The knowledge resource will be continuously available throughout the Performance Period except as noted in section 9.4.

The following support function is to be accomplished while providing the knowledge resource:

Process Documentation. Undocumented processes that become evident will be documented in accordance with IS Division standards.

Deliverables: Documented processes.

Metrics. Processes Needed.

Schedule: As soon after an undocumented process is identified consistent with the performance of work specified.

Additional Deliverables outlined in Attachment-Estimated Deliverables and Schedules under "Corporate IT Facilities Maintenance & Management Support" also shall be included in this effort.

MANAGEMENT:

The contractor shall provide a written status report monthly on accomplishments. Report will include task descriptions, requestor, and date completed and total time worked. All reports are to be posted at <https://kpwasun2/management> and available in Microsoft Word format.

GOVERNMENT FURNISHED EQUIPMENT: Terminal and X-Terminal emulation software. HEAT software. Sybase database management software. Additional information will be provided at a later date.

SECURITY: Security Classification of equipment, components, spaces, and documents:

The equipment, space, or documentation is classified and subject to the applicable provisions of the Industrial Security Manual, DOD5220.22M.

Spaces: Personnel shall require access to government building 1003, the computer room located in building 1003, government building 12, and the computer room located in building 12. Escort is required.

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Equipment: Equipment is unclassified.

Documentation: Documentation is unclassified.

6. SECTION E SUN SPARCENTER 2000 MAINTENANCE & REPAIR SERVICES SCOPE

The contractor shall provide qualified and experienced personnel to trouble-shoot, maintain and repair the Sun Enterprise 3500 systems, the Sun SPARCcenter 2000 systems, and the Sun SPARC Storage Libraries identified in the enclosure. The contractor will be required to conduct a system level analysis to localize and identify each reported problem as being a faulty hardware component, network interface problem or software related problem. The contractor is required to maintain and repair the Sun Enterprise 3500 systems, Sun SPARCcenter 2000 systems, and Sun SPARC Storage Libraries to meet the performance requirements specified in references a, b, and c. Problem reports will be forwarded to the contractor via telephone call, fax, or e-mail. The contractor is to be available for technical assistance via telephone at any time, 24 hours per day, 7 days per week. Provide technical assistance in resolving system related problems via telephone or on-site. On-site support is to be provided within 2 hours of notification that a problem exists which cannot be resolved via telephone. Provide and transport repair parts as defective components are identified. Provide hot (functional) spare assemblies as needed to restore a defective system to its fully operational status within two hours of arriving on-site in response to a trouble call. Perform the preventative maintenance specified in references a, b, and c.

REFERENCES.

- a. Sun SPARCcenter 2000 Technical Manuals
- b. Sun Enterprise 3500 Technical Manuals
- c. Sun SPARC Storage Library Technical Manuals.

MANAGEMENT

Progress Reports: Provide a monthly status report detailing the technical actions that were accomplished during the month and the funds that were expended. The monthly report is to be provided within 10 working days of the end of the month.

Government Furnished Property: Access to Sun Enterprise 3500 systems KPWASUN1, KPWASUN2, and KPWASUN3; Access to Sun SPARCcenter 2000 systems KPWASUNA, KPWASUNB, KPWASUNC, and KPWASUN0; Access to Sun SPARC Storage Libraries. Additional information will be provided at a later date.

Security: The Equipment, Space or Documentation is classified and subject to the applicable provisions of the Industrial Security Manual, DOD5220.22M.

Spaces: Personnel shall require access to government buildings 12 & 1003 and the computer rooms, located in government buildings 12 & 1003.

Equipment: Equipment is unclassified.

Documentation: Documents are unclassified.

7 SCHEDULE:

Since this task incorporates information technology needs of the entire Keyport organization, the level of effort task encompasses a variety of Departments within the organization. The above list of performance requirements are to be thought of as potential requirements that the individual Departments may select from. Each should be considered as a daily requirement or multiple times per week occurrence. Where further schedule specifics are required, the information will be provided by the individual Department. Estimated deliverables and schedule are enclosed as Attachment 1 to the solicitation.

8 PERFORMANCE MEASURES:

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An acceptable level of quality standard for all correspondence or documentation is 98% accurate with on time delivery for those items with specific schedules. Delivery requirements shall be provided by each individual department. All database, spreadsheet, and business information system entries shall be 98% accurate and updated no later than three (3) days from receipt of new requirement. Since the task performance requirements are important to the organization, attendance by the performer is also very important. For scheduled absences, an experienced substitute performer may be required. It is the government's intention to minimize the level of government involvement and allow the service provider to responsibly perform to, or exceed, the contract standards.

9. QUALITY CONTROL:

A. The service provider shall prepare and maintain a Quality Assurance Surveillance Plan (QASP) that addresses the functions listed in the Statement of Work (SOW). The service provider shall provide a copy of the QASP to the designated government representative for approval prior to full performance start date. The purpose of the QASP is to describe the methods used to measure performance and to identify the reports required and the resources to be employed. The QASP provides a means for evaluating whether the service provider is meeting the performance standards set out in the SOW. The service provider shall modify the QASP when necessary to ensure the performance requirements and standards of the SOW are met. The QASP shall include the following:

1. A description of the inspection system that will be used to monitor and check the performance of the SOW. The description shall include specifics as to how the service provider shall measure and meet or exceed each performance requirement. The measurement description shall provide the type of measurement, the frequency, and the measurement process.
2. A description of the methods that the service provider shall use for identifying and preventing defects in the quality of service performed.
3. A description of the records to be kept to document inspections and correct or preventive actions taken.
4. A record of inspections and inspections results, making them available to the Government throughout the performance of this SOW.
5. The service provider is the owner of the quality control process and will institute procedures, which, if followed, will produce the desired outcomes. The service provider is responsible for developing, implementing, and modifying the quality control process to ensure that performance standards are met. The Quality Assurance Evaluator (QAE) will conduct an initial review of the service provider's quality control process to ensure its adequacy. Subsequent review of the quality control process will occur if the service provider does not meet performance standards.

B. An independent assessment of the service provider's performance will be conducted independently by government personnel. The QAE will function as representatives of the designated government representative for monitoring and surveying the service provider's performance in accordance with the terms of this SOW. The QAE will vary the level of surveillance depending on the service provider's conformance to quality levels. This monitoring may include but not limited to review of service provider's reports, review of random portions of databases, review of reports and logs, and review of customer feedback. The QAE will use statistically valid samples to ensure that the service provider's process is accomplishing the desired performance standards of the contract. The government recognizes that accepting a service provider's quality control process and relying on the service provider's procedure is a radical departure from traditional practice. The government's intention is to minimize the level of government involvement and allow the service provider to responsibly perform to, or exceed, the contract standards. If the service provider's performance is not satisfactory, and it appears that the service provider's quality control process has not produced the desired result, the QAE has the option to increase quality assurance surveillance in order to protect the government's rights.

4. SECTION C-1 Business Applications Support

SCOPE

This task is to support the reporting requirements of Code 30B. A file server and a database server located Building 82 are used to store information which is used to create reports. The requirements are: Programming/data entry/downloading access to the servers is via the LAN Ethernet. (2) Provide system maintenance for existing servers

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and applications (3) Retrieve, store, and archive data (4) Support the Business/Finance Office (5) Create and modify programs to maintain proper operations.

Task A

ADP System Support

- In accordance with ref i and j, provide ADP system support on the following system applications:
 - Business Office Data Warehouse, which consist of a storage of current and historical financial data.
 - Data Extract Programs – ADMW1, AMCSW0, WABWI
 - IDDB Industrial Department Database Access system
 - Data Base Administrator for Microsoft SQL Server
 - Interface links to a various other computer systems
 - Software and backup support for two servers which house the various databases
 - Duties that may be required include:
 - o Systems charting
 - o Systems software updating
 - o Test and integration
 - o Documentation
 - o Database management
 - o Data acquisition and conversion
 - o Installation of programs upon completion of testing and acceptance by client representative/TA
 - o Files maintenance
 - o Microcomputer support for installation, training and user assistance of software applications
- Progress Reports: The contractor's monthly progress report shall identify accomplishments to date including workload figures, status of efforts in progress and my difficulties encountered. A monthly ADP systems project status report is required. This report should include monthly expenditures, project progress, impasses encountered, needed government intervention or corrective action, and anticipated project completion.

REFERENCES:

- i. ISO 9001 Standards – Business Office Tools
- j. Vendor programming/documentation guides and standards

MANAGEMENT

All fees for additional training will be paid by the Contractor. The cost of labor hours for training required by the government will be paid by the government. The cost of labor hours for training requested by the Contractor will be paid by the Contractor. For estimating purposes, plan for a total of two one-week courses for the task. The fees and costs for labor are subject to change as needed.

GOVERNMENT FURNISHED PROPERTY: No Government property is provided.

SECURITY: Security Classification of Equipment, Components, Spaces and Documents: The Equipment, Space or Document is classified and subject to the applicable provisions of DOD 5220.22M, Industrial Security Manual; SECNAVINST 5530.36, Information Security Program Regulation (17 Mar 99); SECNAVINST 5530.30A, Personnel Security Program; the NUWC Information and Personnel Security Instruction NUWCKPTINST 5510 Rev B, the NUWC Information Systems Security Program Manual NUWCKPTINST 5239.2, and the NUWC Physical Security and Force Protection Instruction NUWCKPTINST 5530.

Contractor personnel supporting this task order will require a minimum security clearance level of SECRET.

Spaces: SECRET

Equipment: UNCLASSIFIED

Documents: Business Sensitive and Privacy Act Sensitive. All data and reports are sensitive in nature and data must

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be disposed of in approved methods for disposal of Privacy Act or Business Sensitive data. The Contractor is responsible for the confidentiality of the data and shall not release data in any way without government approval.

Travel Requirements: No travel is anticipated. Remote travel will be requested by the TA and approved via a Technical Direction Letter (TDL)

Overtime: Overtime is neither anticipated nor authorized at this time. All overtime must be coordinated and approved by the TA prior to performing.

Contractor Access: The contractor has access to government workspaces, workstations, equipment, information and documentation necessary for task order performance. The contractor shall receive all work requests via the contractor's in-box location or email.

Schedule: Daily-Monday through Friday with the core hours falling between 0700-1630.

Performance Requirements: Work item performance requirements and Acceptable Quality Levels (AQL) for timeliness and accuracy are as follows:

- ADP System Support AQL: 90%
- o Daily systems support provided for all identified systems
- o Modification are completed accurately and within specified timeframe

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SECTION D PACKAGING AND MARKING

Packaging and Marking shall be in accordance with Section D of the IDIQ contract.

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SECTION E INSPECTION AND ACCEPTANCE

Inspection and Acceptance shall be in accordance with Section E of the IDIQ contract.

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SECTION F DELIVERABLES OR PERFORMANCE

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following firm items are estimated at:

It is anticipated that the Base Period/Transition Phase will be two (2) weeks.

0001AA Date of Contract Award - 9/30/04

0003AA Date of Contract Award - 9/30/04

The period of performance for the following option items are estimated at:

0001AB 10/1/2004 - 3/31/05

0003AB 10/1/2004 - 3/31/05

0001AC 04/1/2005 - 09/30/2005

0003AC 04/1/2005 - 09/30/2005

0001AD 10/1/2005 - 09/30/2006

0003AD 10/1/2005 - 09/30/2006

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SECTION G CONTRACT ADMINISTRATION DATA

Following is a summary of the applicable accounting and appropriation data through Modification 30:

AA 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951M4 \$600,000.00
Applied to SLIN 0001AB \$ 544,983.00
Applied to SLIN 0003AB \$ 55,017.00

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$692,163.00
Applied to SLIN 0001AC \$ 149,000.00
Applied to SLIN 0001AG \$ 70,000.00
Applied to SLIN 0001AM \$ 76,500.00
Applied to SLIN 0001AP \$ 24,008.00
Applied to SLIN 0001AQ \$ 25,000.00
Applied to SLIN 0001AR \$ 112,000.00
Applied to SLIN 0001AT \$ 50,000.00
Applied to SLIN 0001AW \$ 66,029.00
Applied to SLIN 0001AX \$ 13,971.00
Applied to SLIN 0001BE \$ 95,000.00
Applied to SLIN 0001BM \$ 10,655.00

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$1,489,742.00
Applied to SLIN 0001AD \$ 352,344.00
Applied to SLIN 0001AE \$ 74,775.00
Applied to SLIN 0001AH \$ 600,000.00
Applied to SLIN 0001AJ \$ 42,578.00
Applied to SLIN 0001AL \$ 210,735.00
Applied to SLIN 0001AN \$ 126,185.00
Applied to SLIN 0003AC \$ 25,225.00
Applied to SLIN 0003AE \$ 44,100.00
Applied to SLIN 0003AF \$ 13,800.00

AD 97X4930 NH6B 000 77777 0 000253 2E 000000 1900008EJ998 \$13,655.43
Applied to SLIN 0001AK \$ 13,655.43

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$2,229,432
Applied to SLIN 0001AF \$ 594,509.00
Applied to SLIN 0001AS \$1,410,908.00
Applied to SLIN 0001AY \$ 58,855.00
Applied to SLIN 0003AD \$ 5,491.00
Applied to SLIN 0003AG \$ 142,300.00
Applied to SLIN 0003AJ \$ 17,369.00

AF 97X4930 NH6B 000 77777 0 000253 2E 000000 0210071214L1 \$50,000.00
Applied to SLIN 0001AU \$ 50,000.00

AG 97X4930 NH6B 000 77777 0 000253 2F 000000 3000063014BS \$25,879.00
Applied to SLIN 0001AV \$ 25,879.00

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AH 97X4930 NH6B 000 77777 0 000253 2F 000000 401006401400 \$15,000.00
Applied to SLIN 0001AZ \$ 1,029.00
Applied to SLIN 0001BA \$ 13,971.00

AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8FN998 \$62,227.15
Applied to SLIN 0001BB \$ 26,000.00
Applied to SLIN 0001BF \$ 10,000.00
Applied to SLIN 0001BL \$ 26,227.15

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$1,705,221.79
Applied to SLIN 0001BC \$ 531,852.00
Applied to SLIN 0001BD \$ 375,442.00
Applied to SLIN 0001BG \$ 21,659.00
Applied to SLIN 0001BH \$ 37,993.81
Applied to SLIN 0001BJ \$ 40,033.56
Applied to SLIN 0001BK \$ 573,061.86
Applied to SLIN 0003AH \$ 41,657.00
Applied to SLIN 0003AK \$ 32,899.00
Applied to SLIN 0003AL \$ 10,075.00
Applied to SLIN 0003AM \$ 40,548.56

AL 97X4930 NH6B 000 77777 0 000253 2E 000000 1900003XMAN \$10,684.92
Applied to SLIN 0001BQ \$ 10,684.92

Task Order Manager
Vicki Gambrell, 10
610 Dowell Street
Keyport, WA 98345
vicki.gambrell@navy.mil
360-315-7524

Contracting Officer
Monique Klose, 182
610 Dowell Street
Keyport, WA 98345
Monique.Klose@navy.mil

The fill-ins for the clause Submission of Invoices (Cost-Reimbursement, Time-and-Materials, Labor-Hour, or Fixed Price Incentive) (Jul 1992) are as follows:

Invoices shall be sent to the applicable DCAA office as out lined in contract N00178-04-D-4047.

A copy of every invoice shall also be provided to the Task Order Manager and Contract Specialist at the address shown above.

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Accounting Data

SLINID	PR Number	Amount
0001AB	42664986	600000.00
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$574,477.00
0003AB		2746.00
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$25,523.00
MOD 2		
0003AB		(246.00)
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$25,523.00
MOD 3		
0001AB	42664986	(30000.00)
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$574,477.00
0003AB	42664986	27500.00
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$25,523.00
MOD 4		
0001AB	N00253-4266-4986	(52900.00)
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$574,477.00
0001AC	N00253-4280-8833	50000.00
LLA :		
AB 97X4930	NH6B 000 77777 0 000253 2E 000000 0210070251AD	\$149,000.00
0001AD	N00253-4280-8848	50000.00
LLA :		
AC 97X4930	NH6B 000 77777 0 000253 2E 000000 0210070251BD	\$50,000.00
0003AB	N00253-4266-4986	52900.00
LLA :		
AA 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951M4	\$25,523.00
MOD 6		
0001AC	N00253-4280-8833	99000.00
LLA :		
AB 97X4930	NH6B 000 77777 0 000253 2E 000000 0210070251AD	\$149,000.00
0001AD	N00253-5056-7972	352344.00
LLA :		
AC 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951X5	\$352,344.00
MOD 7		
0001AE		99775.00
LLA :		
AC 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951X5	\$74,775.00
0003AC		225.00
LLA :		
AC 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951X5	\$25,225.00
MOD 9		
0001AE		(25000.00)
LLA :		
AC 97X4930	NH6B 000 77777 0 000253 2E 000000 1900071951X5	\$74,775.00
0001AG	N00253-5104-0173	70000.00
LLA :		

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AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$70,000.00

0001AH N00253-5140-6979 600000.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$600,000.00

0003AC 25000.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$25,225.00

MOD 10

0001AB N00253-4266-4986 27883.00

LLA :

AA 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951M4 \$544,983.00

Modification 10 - Increased funding from \$517,100.00 by \$27,883.00 for a new fully funded amount for SLIN 0001AB of \$544,983.00 via modification 10.

0001AJ N00253-5216-1482 42578.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$42,578.00

Modification 10 - Additional funding in the amount of \$42,578.00 added via SLIN 0001AJ for services provided in Option 1.

0001AK N00253-5193-6379 15600.00

LLA :

AD 97X4930 NH6B 000 77777 0 000253 2E 000000 1900008EJ998 \$15,600.00

Modification 10 - Additional funding and increase to scope for Overtime in support of the VOIP CPP project.

0001AL N00253-5216-1483 214439.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$214,439.00

Modification 10 - Additional funding in the amount of \$214,439.00 added via SLIN 0001AL for services provided in Option 2.

0001AM N00253-5228-3408 76500.00

LLA :

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$76,500.00

Modification 10 - Additional funding in the amount of \$76,500.00 added via SLIN 0001AM for services provided in Option 2.

0003AB N00253-4266-4986 (27883.00)

LLA :

AA 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951M4 \$55,017.00

Modification 10 - Reducing funded amount for SLIN 0003AB from \$82,900.00 by \$27,883.00 to \$55,017.00 via modification 10.

0003AE N00253-5216-1483 40596.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$40,596.00

Modification 10 - Additional funding in the amount of \$40,596.00 added via SLIN 0003AE in support of SLIN 0001AE.

MOD 11

0001AL N00253-5216-1483 (3704.00)

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$210,735.00

Modification 11 - Decrease funding from \$214,439.00 by \$3,704.00 for new funded amount of \$210,735.00 under SLIN 0001AL for services provided in Option 2.

0003AE N00253-5216-1483 3504.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$44,100.00

Modification 11 - Additional funding in support of SLIN 0001AE. Increase amount of \$40,596.00 by \$3,504.00 for new amount of \$44,100.00.

MOD 12

0001AN N00253-5262-0512 126185.00

LLA :

AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$126,185.00

Modification 12, Additional funding in the amount of \$126,185.00 added via SLIN 0001AN for services provided in Option 2.

0001AP N00253-5263-0802 24008.00

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LLA :
AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$24,008.00
Modification 12. Additional funding in the amount of \$24,008.00 added via SLIN
0001AP for services provided in Option 2.

0003AF N00253-5262-0512 13800.00

LLA :
AC 97X4930 NH6B 000 77777 0 000253 2E 000000 1900071951X5 \$13,800.00
Modification 12. Additional funding in the amount of \$13,800.00 added via SLIN
0003AF for services provided in Option 2.

MOD 13

0001AF N00253-5270-2535 594509.00

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$594,509.00
Modification 13. Option 3 exercise.

0001AQ N00253-5264-0969 25000.00

LLA :
AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$25,000.00
Modification 13. Option 3 exercise.

0003AD N00253-5270-2535 5491.00

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$5,491.00
Modification 13. Option 3 exercise.

MOD 15

0001AR N00253-6004-7810 112000.00

LLA :
AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$112,000.00
Modification 15. Additional funding in the amount of \$112,000.00 added via SLIN
0001AR for services provided in Option 3.

0001AS N00253-6009-8606 1508208.00

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$1,508,208.00
Modification 15. Additional funding in the amount of \$1,508,208.00 added via SLIN
0001AS for services provided in Option 3.

0003AG N00253-6009-8606 45000.00

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$45,000.00
Modification 15. Additional funding in the amount of \$45,000.00 added via SLIN
0003AG for services provided in Option 3.

MOD 16

0001AS N00253-6009-8606 (147300.00)

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$1,360,908.00
Modification 16 reduces funding by \$147,300.00 for a new funded amount of
\$1,360,908.00.

0001AT N00253-6073-1750 50000.00

LLA :
AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$50,000.00
Modification 16. Funding in the amount of \$50,000.00 added via SLIN 0001AT for
services provided in Option 3.

0003AG N00253-6009-8606 97300.00

LLA :
AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$142,300.00
Modification 16 increases awarded and funded amount for this SLIN by \$97,300.00.

MOD 18

0001AU N00253-6171-1534 50000.00

LLA :
AF 97X4930 NH6B 000 77777 0 000253 2E 000000 0210071214L1 \$50,000.00
Modification 18. Funding in the amount of \$50,000.00 added via SLIN 0001AU for
services provided in Option 3.

0001AV N00253-6172-1845 25879.00

LLA :

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AG 97X4930 NH6B 000 77777 0 000253 2F 000000 3000063014BS \$25,879.00
Modification 18. Funding in the amount of \$25,879.00 added via SLIN 0001AV for MCS and Business Applications Support.

MOD 19

0001AS N00253-6009-8606 50000.00

LLA :

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$1,410,908.00

Modification 19 increases funding by \$50,000 for a new funded amount of \$1,410,908.

Modification 16 reduces funding by \$147,300 for a new funded amount of \$1,360,908.

0001AW N00253-6261-1506 80000.00

LLA :

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$80,000.00

Modification 19 - Added to extend period of performance through December 31, 2006.

MOD 20

0001AW N00253-6261-1506 (13971.00)

LLA :

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$66,029.00

Modification 20 reduced funded amount to \$66,029.00. Modification 19 - Added to extend period of performance through December 31, 2006.

0001AX N00253-6261-1506 13971.00

LLA :

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$13,971.00

Added via Modification 20 for services in Option 3.

0001AY N00253-6271-4187 59685.00

LLA :

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$59,685.00

Modification 20. Funding added via SLIN 0001AY for services provided in Option 3.

0001AZ N00253-6269-3360 1029.00

LLA :

AH 97X4930 NH6B 000 77777 0 000253 2F 000000 401006401400 \$1,029.00

Modification 20. Provide additional funding for Option 3.

0001BA N00253-6269-3360 13971.00

LLA :

AH 97X4930 NH6B 000 77777 0 000253 2F 000000 401006401400 \$13,971.00

Modification 20. Provide additional funding for extended period of performance.

0003AY N00253-6271-4187 16539.00

LLA :

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$16,539.00

Modification 20. Additional funding in the amount of \$16,539.00 for ODCs in Option 3.

MOD 21

0001AY N00253-6271-4187 (830.00)

LLA :

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$58,855.00

Modification 21 decreases this SLIN by 830.00. Modification 20. Funding added via SLIN 0001AY for services provided in Option 3.

0001BB N00253-6298-8692 26000.00

LLA :

AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$26,000.00

Modification 21. Provide additional funding for the extension period.

0001BC N00253-6290-7183 531852.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$531,852.00

Modification 21. Provide additional funding for the extension period.

0003AH N00253-6290-7183 41657.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$41,657.00

Modification 21 provides funding for this SLIN for extended period of performance.

0003AJ N00253-6271-4187 830.00

LLA :

AE 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X6 \$17,369.00

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Modification 21 increases the amount and funding to \$17,369.00. Modification 20. Additional funding in the amount of \$16,539.00 for ODCs in Option 3.

MOD 23

0001AK N00253-5193-6379 (1944.57)

LLA :

AD 97X4930 NH6B 000 77777 0 000253 2E 000000 1900008EJ998 \$13,655.43

Modification 10 - Additional funding and increase to scope for Overtime in support of the VOIP CPP project.

Modification 23 - Decrease funding.

MOD 24

0001BD 375442.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$375,442.00

Standard Number: N00253-7016-2593

Modification 24 provides funding for this SLIN for second extended period of performance.

0001BE N00253-7012-2500 35000.00

LLA :

AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$35,000.00

Modification 24 provides funding for this SLIN for second extended period of performance.

0001BF N00253-7016-2583 10000.00

LLA :

AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$10,000.00

Modification 24 provides funding for this SLIN for second extended period of performance.

0003AK N00253-7016-2593 32899.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$32,889.00

Modification 24 provides funding for this SLIN for second extended period of performance.

MOD 25

0001BG N00253-7016-2593 21659.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$21,659.00

Incremental funding for third extension period.

MOD 26

0001BH N00253-7087-7898 37993.81

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$37,993.81

Incremental funding for fourth extension period.

0001BJ N00253-6290-7183 40033.56

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$40,033.56

Additional funds in support of contract extension.

0001BK N00253-7087-7898 164936.25

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$164,936.25

Additional funds in support of contract extension.

0001BL N00253-7087-7894 13727.35

LLA :

AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$13,727.35

Incremental funding for fourth extension period.

0003AL N00253-7087-7898 10075.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$10,075.00

Funding for Third Extension Period.

0003AM N00253-7087-7898 10075.00

LLA :

AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$10,075.00

Funding for fourth extended period of performance.

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MOD 27

0001BL N00253-7087-7894 15000.00
 LLA :
 AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$28,727.35
 Incremental funding for fourth and fifth extension period.

MOD 28

0001BE N00253-7012-2500 60000.00
 LLA :
 AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$95,000.00
 Modifications 24 & 28 provide funding for this SLIN for second extended period of performance.

0001BK N00253-7087-7898 337668.00
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$502,604.25
 Mod 28 adds additional funds in support of contract extension.

0001BL N00253-7087-7894 (2500.20)
 LLA :
 AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$26,227.15
 Incremental funding for fourth and fifth extension period.

0003AM N00253-7087-7898 19332.00
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$29,407.00
 Mod 28 fully funds this SLIN.

MOD 29

0001BK N00253-7087-7898 80609.17
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$583,213.42
 Mod 29 increases funding in support of contract extension.

0001BL N00253-7087-7894 12664.00
 LLA :
 AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$38,891.15
 Mod 29 increases ceiling and funding by \$12,664.00. This SLIN is fully funded.

0001BM 71795607 10655.00
 LLA :
 AB 97X4930 NH6B 000 77777 0 000253 2E 000000 0210070251AD \$10,655.00
 Mod 29 Adds this SLIN in support of extension periods through July 13, 2007.

0003AM N00253-7087-7898 990.00
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$30,397.00
 Mod 28 fully funds this SLIN. Mod 29 increases this SLIN by 990.00 for new total of \$30,497.00.

MOD 30

0001BK N00253-7087-7898 (10151.56)
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$573,061.86
 Mod 30 decreases funding by \$10,151.56. Mod 29 increases funding in support of contract extension.

0001BL N00253-7087-7894 (12664.00)
 LLA :
 AJ 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K08FN998 \$26,227.15
 Mod 30 decreases ceiling and funding by \$12,664.00. Mod 29 increases ceiling and funding by \$12,664.00. This SLIN is fully funded.

0001BQ N00253-7204-3106 10684.92
 LLA :
 AL 97X4930 NH6B 000 77777 0 000253 2E 000000 19100003XMAN \$10,684.92
 Modification 30 adds this SLIN in support of extension periods through July 13, 2007.

0003AM N00253-7087-7898 10151.56
 LLA :
 AK 97X4930 NH6B 000 77777 0 000253 2E 000000 IS00K8IS51X7 \$40,548.56

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Mod 30 increases the ceiling and funding for this SLIN. Mod 28 fully funds this SLIN. Mod 29 increases this SLIN by 990.00 for new total of \$30,497.00.

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SECTION H SPECIAL CONTRACT REQUIREMENTS

Clause HQ C-2-0037 Organization Conflict of Interest (NAVSEA)(JUL 2000) in Section H of the IDIQ contract is applicable to this effort.

NAVSEA 5252.216-9122 -- LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be 160 hours for the base period of performance; 29,055 hours for Option 1, 29,050 for Option 2, and 58,105 for option 3 total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.

(b) Of the total man-hours of direct labor set forth above, it is estimated that (Offeror to fill-in) man-hours are uncompensated effort. Uncompensated effort is defined as hours provided by personnel in excess of 40 hours per week without additional compensation for such excess work. All other effort is defined as compensated effort. If no effort is indicated in the first sentence of this paragraph, uncompensated effort performed by the Contractor shall not be counted in fulfillment of the level of effort obligations under this contract.

(c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in direct support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (j) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.

(d) The level of effort for this contract shall be expended at an average rate of approximately N/A hours per week. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.

(e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

(f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.

(g) If the total level of effort specified in paragraph (a) above is not provided by the Contractor during the period of this contract, the Contracting Officer, at its sole discretion, shall either (i) reduce the fee of this contract as follows:

$$\text{Fee Reduction} = \frac{\text{Fee (Required LOE - Expended LOE)}}{\text{Required LOE}}$$

or (ii) subject to the provisions of the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20)

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or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable, require the Contractor to continue to perform the work until the total number of man-hours of direct labor specified in paragraph (a) above shall have been expended, at no increase in the fee of this contract.

(h) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.

(i) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds and, in the case of an underrun in hours specified as the total level of effort; and (6) a calculation of the appropriate fee reduction in accordance with this clause. All submissions shall include subcontractor information.

(j) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative work plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.

(k) Notwithstanding any of the provisions in the above paragraphs, the Contractor may furnish man-hours up to five percent in excess of the total man-hours specified in paragraph (a) above, provided that the additional effort is furnished within the term hereof, and provided further that no increase in the estimated cost or fee is required.

NAVSEA 5252.232-9104 -- ALLOTMENT OF FUNDS (MAY 1993)

(a) This task order is incrementally funded with respect to both cost and fee. The amount(s) presently available and allotted to this task order for payment of fee for incrementally funded contract line item number/contract subline item number (CLIN/SLIN), subject to the clause entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE" (FAR 52.216-10), as appropriate, is specified below. The amount(s) presently available and allotted to this task order for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this contract entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

ITEM	ALLOTED TO COST	ALLOTED TO FIXED FEE	CPFF	M/HS	EST. POP
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(b) The parties contemplate that the Government will allot additional amounts to this contract from time to time for the incrementally funded CLINs/SLINs by unilateral task order modification, and any such modification shall state separately the amount(s) allotted for cost, the amount(s) allotted for fee, the CLINs/SLINs covered thereby, and the period of performance which the amount(s) are expected to cover.

(c) CLIN(s)/SLIN(s) 0001AA, 0001AB, 0001AC, 0001AD, 0001AE, 0001AF, 0001AG, 0001AH, 0001AJ, 0001AK, 0001AL, 0001AM, 0001AN, 0001AP, 0001AQ, 0001AR, 0001AT, 0001AU, 0001AV, 0001AW, 0001AX, 0001AY,

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0001AZ, 0001BA, 0001BB, 0001BC, 0001BD, 0001BE, 0001BF, 0001BG, 0001BJ, 0001BL, 0003AA, 0003AB, 0003AC, 0003AD, 0003AE, 0003AF, 0003AG, 0003AH, 0003AJ, 0003AK, 0003AL, 0003AM are fully funded and performance under CLIN(s)/SLIN(s) is subject to the clause of this contract entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF COST (FACILITIES)" (FAR 52.232-21), as applicable.

(d) The Contractor shall segregate costs for the performance of incrementally funded CLINs/SLINs from the costs of performance of fully funded CLINs/SLINs.

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SECTION I CONTRACT CLAUSES

52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 10 days prior to contract expiration; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 3 years.

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

Base Period of Performance: \$0.00

Option 1 Period of Performance: \$15,000.00.

Option 2 Period of Performance: \$15,000.00.

Option 3 Period of Performance: \$30,000.00.

52.222-41 SERVICE CONTRACT ACT (MAY 1989)

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SECTION J LIST OF ATTACHMENTS

Attachment 1 - Estimated Deliverables
Attachment 2 - DD254
Attachment 3 - Wage Determination
Attachment 4 - Ware Environment
Attachment 5 - IT Plan