

DELIVERY ORDER

FINAL

1. CONTRACT NO. N00178-04-D-4053	2. DELIVERY ORDER NO. N402	3. EFFECTIVE DATE 09/12/2005	4. PURCHASE REQUEST NO. N66604-05-NR-00147
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5. ISSUED BY NUWC, NEWPORT DIVISION Brett P. Griffin 5912 Simonpietri Drive, Building 11 Newport, RI 02841-1706 griffinbp@npt.nuwc.navy.mil 401-832-2150 Ext.	CODE N66604	6. ADMINISTERED BY DCMC Baltimore 217 East Redwood Street, Suite 1800 Baltimore, MD 21202-5299	CODE S2101A
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7. CONTRACTOR General Physics Corporation 25 Enterprise Center,Bldg. #1 Middletown, RI 21075-5926 TIN: 52-0845774	CODE 64825	FACILITY	8. DELIVERY DATE See Section F
			9. CLOSING DATE/TIME
			SET ASIDE TYPE
			10. MAIL INVOICES TO See Section G

11. SHIP TO See Section D	12. PAYMENT WILL BE MADE BY DFAS Columbus Center,South Entitlement Operations P.O. Box 182264 Columbus, OH 43213	CODE HQ0338
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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.

General Physics Corporation

Larry E. Burgess,
Director

NAME OF CONTRACTOR

SIGNATURE

TYPED NAME AND TITLE

DATE SIGNED

14. ACCOUNTING AND APPROPRIATION DATA See Section G
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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: Brett P. Griffin	09/12/2005 CONTRACTING/ORDERING OFFICER	22. TOTAL \$336,382
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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		

GENERAL INFORMATION

Dist: 0221, C. Creaturo

A9S TASK ORDER GENERAL INFORMATION

Zone: 1 (Northeast)

NUWCDIVNPT Requisition Number: N66604-4336-67A5

NUWCDIVNPT Control Number: 050984

Type of Task Order: CPFF Term

The task order shall be incrementally funded.

Previous Contract(s): Work previously performed under task order N66604-03-D-055A-0025 with Anteon Corporation.

A10S SPECIAL NOTICE (JUL 2004)

The Naval Undersea Warfare Center Division, Newport has implemented the Electronic Cost Reporting and Financial Tracking (eCRAFT) System. Note clauses C16S, COST AND PERFORMANCE REPORTING and G1S, SUBMISSION OF INVOICES -- ECRAFT.

SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

RFDACS TECHNICAL, ENGINEERING, and PROGRAMMATIC SUPPORT (Rev. 4)

1.0 BACKGROUND

The Naval Undersea Warfare Center (NUWC) Division Newport is the Navy's principal development activity for submarine combat systems. The Submarine Electromagnetic Systems Department (Code 34) is responsible for the development of Submarine Periscope and Communications systems, ESM and Electro-Optic systems, and Electromagnetic Compatibility systems. Within this department, Code 3493 is tasked to function as the Technical Design Agent (TDA), the system integration agent, and, in some cases, procuring agency for submarine antenna programs. In this capacity, Code 3493 is responsible for the evaluation, development, and implementation of various submarine antenna programs and modifications administered by the Space and Naval Warfare Systems Command (SPAWAR) and Naval Sea Systems Command (NAVSEA) including development of all program documentation. Included within these existing and planned programs is the Radio Frequency Distribution and Control System (RFDACS).

2.0 SCOPE

The contractor shall provide technical, engineering and programmatic services in support of the RFDACS program. The specific technical and engineering services pertaining to the RFDACS shall include: logistics, configuration management, fabrication, systems development and or systems modification, life cycle maintenance, field support, design/drafting services, qualification testing, repair and evaluation and recommendation of Pre-Planned Product Improvements (P3I). The Programmatic services pertaining to the RFDACS shall include: day to day program support for the RFDACS program.

3.0 APPLICABLE DOCUMENTS

3.1 Government Furnished Information: Technical specifications, documentation, acquisition documents and drawings for the RFDACS systems as required.

- a. CINCLANTFLT/CINCPACFLTINST 4790.3 Revision A, Joint Fleet Maintenance Manual
- b. NAVSEA 0924-062-0010, Revision C w/Change 1, ACN 2-1, ACN 2-2, and ACN 2-3 Submarine Safety (SUBSAFE) Requirements Manual
- c. NAVSEA T9081-AD-MMO-010 & 020 w/Change 121, SSN 21 Class Maintenance Requirements for Continued Operation to Design Test Depth
- d. NAVSEA 0948-LP-045-7010, Revision 2 and ACN 1-6, Material Control Standard
- e. NAVSEA 0902-018-2010, ACN M20-03, General Overhaul Specifications for Deep Diving SSBN/SSN Submarines
- f. NAVSEA SL720-AA-MAN-010 Rev 2 Fleet Modernization Program (FMP) Management and Operations Manual
- g. NAVSEA 9090-310D Ship Alteration Accomplishment by Install Teams
- h. NAVSEANOTE 5000 Activities Authorized to Perform SUBSAFE Work
- i. NAVSEA letter 4720 Ser 392CA51/0161 of 19 Jul 2004
- j. NAVSEAINST 4720.14C Temporary Alterations to Active Fleet Submarines.
- k. NAVSEA S0400-AD-URM-010/TUM Tag-out Users Manual.
- l. NAVSEA 0905-485-6010, Manual for Control of Testing and Ships Conditions
- m. S9560-CK-SCB-010 SEAWOLF Class Submarine Fly-By-Wire Ship Control System Certification Boundary Book

3.2 Government Furnished Equipment. None required.

3.3 Government Furnished Facilities. Code 3412 Fabrication Labs. Engineering lab space in Bldg. 1319

4.0 REQUIREMENTS

The contractor shall provide technical, engineering and programmatic support services for the development and/or modification of a field operationally effective, suitable, and survivable RFDACS submarine communications system. The contractor shall provide systems engineering and analysis, recommend program definition and requirements, conduct system development and trade-offs, perform technical assessments, recommend and install system modifications, and provide technical reports. The tasks that shall be performed under this task order fit under SEAPORTE basic contract Statement of Work tasks 3.5, 3.14, 3.15, 3.16, 3.17, 3.20 and 3.21.

4.1 RFDACS Technical/ Engineering /Programmatic Support

The contractor shall provide the following technical, engineering and program support services for the Radio Frequency Distribution and Control System (RFDACS):

- Prepare draft responses to questions submitted to NUWC DIVNPT by CNO, SPAWAR, and other Navy activities.

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For all classes of submarines provide integration support consisting of technical assistance and troubleshooting.

- Develop and deliver a recommended plan for the transition to Navy support and achievement of Material Support Date (MSD).

- Provide cost, schedule, and technical assessments of hardware spares and repairs. Provide cost estimates to build and implement upgrades.

- Provide production contract support by performing technical analyses, monitoring testing and providing recommendations for solutions to technical problems.

- Develop a recommended Memorandum of Agreement (MOA) in accordance with applicable GFI (a) through (m) and compile information required to implement the MOA once approved.

- Track program components.

- Develop, field, and provide life cycle support: review technical documentation and provide problem reports, update NUWC DIVNPT problem report database, build hardware/cables, develop test procedures and draft standard operating procedures.

- Provide RF testing and system troubleshooting for the RFDACS system including: insertion loss, VSWR and High Power testing.

Hand solder surface mounted components.

Fabricate VXI chassis and RF cables and connectors.

Train RFDACS users in RFDACS operations and maintenance.

- Prepare draft Engineering Change Proposal (ECP).

All efforts shall be documented in accordance with SOW Paragraph 5.0. Recommendations and results of analyses shall be documented in accordance with CDRL A001. Participation in program events shall be documented in accordance with CDRL A002.

4.2 RFDACS Qualification Tests & Repairs

The contractor shall perform qualification testing of the RFDACS systems. The contractor shall conduct all phases of the RF qualification test. The contractor shall conduct repairs on the RFDACS system located in Bldg. 1319.

4.3 Program Support

The contractor shall track, update and generate reports with the NUWC DIVNPT Task Execution and Management Model (TEAM) database. The contractor shall attend program status meetings to obtain information about issues related to the operation and production of the RFDACS System. The contractor shall provide engineering and fabrication services to resolve all issues identified during the program status meetings. All actions and documented resolutions will be identified in accordance with CDRL A001. All meetings will be documented in accordance with CDRL A004.

4.4 Engineering Changes/Configuration Management

The contractor shall perform design, engineering, and drafting services to document and shall document design changes and modifications to the RFDAC System required by parts obsolescence or directed design changes. The drawing package shall be modified and change notices updated. The contractor shall modify all drawings and deliver them in .dwg or pdf format in accordance with CDRL A003.

5.0 PROGRESS REPORTS

The contractor shall deliver monthly cost and performance reports in accordance with the basic contract clause C16S COST AND PERFORMANCE REPORTING (May 2001).

6.0 QUALITY SURVEILLANCE & PERFORMANCE STANDARDS

The government will conduct quality surveillance via various methods including formal and informal meetings, review of technical reports, review of monthly progress reports, and review of deliverables.

Contractor performance will be evaluated in the areas of technical quality, responsiveness, timeliness and cost. Technical quality will be evaluated against the performance standards and goals defined in applicable documents provided as GFI 3.1. Responsiveness will be evaluated based upon the government experience interacting with the contractor during performance. Timeliness will be evaluated based on the contractor's ability to meet agreed upon schedules with minimal variance. Cost will be evaluated based upon the contractor's ability to manage to the task order estimated cost and fixed fee.

7.0 SECURITY

The highest security level required for this task is UNCLASSIFIED.

8.0 PERFORMANCE

The contractor shall conduct the tasks described herein primarily at Naval Undersea Warfare Center Division Newport (NUWCDIVNPT), RI. Travel may be required.

C16S COST AND PERFORMANCE REPORTING (MAY 2001)

(a) The Contractor agrees to provide the Contractor's Funds and Man-hour Expenditure Report in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System within sixty (60) days after the date of task order award. Failure to comply with this requirement may result in task order termination.

(b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel and other contract charges.

(1) Format. Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft). Paper submittal of the data is permitted for the first 60 days of performance. Address paper submittals to the Task Order Manager identified in the task order.

(2) Scope and Content.

(i) The Contractor shall identify costs to the individual SLIN if applicable. If pricing is not established at the SLIN level, report to the CLIN.

(ii) The Contractor shall report individual cost elements comprising the total cost of performance for the current cost reporting period.

(3) Submission and Approval.

(i) Submit report at least once per month beginning 30 days after task order award. Approval will be indicated by e-mail notification from eCraft.

(ii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWCDIVNPT Code 591 .

(c) The Contractor's Performance Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas. References to costs are meant to be at a summary level. Preparation instructions follow.

(1) Format. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. Report shall be prepared in the contractor's format and shall be legible and suitable for

reproduction. Electronic submission is encouraged.

(2) Content.

(i) Provide a front cover sheet that indicates the contractor's name and address, the contract number and task order number, the system or program nomenclature, the report date, the reporting period, the report title and a serial number for the report, the security classification, the name and address of the person who prepared the report, and the name of the issuing Government activity (Naval Undersea Warfare Center Division, Newport).

(ii) Report task order schedule status. Describe the progress made against milestones during the reporting period.

(iii) Report any significant changes to the contractor's organization or methods of operation, to the project management network, or to the milestone chart.

(iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions beyond the scope of the task order. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.

(v) Report all trips and significant results.

(vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as emails, telephone conversations, etc.

(vii) Report Engineering Change Proposal (ECP) status. Identify all ECPs by status, i.e., proposed, approved and implemented.

(viii) Report plans for activities during the following reporting period.

(ix) Include appendices for any necessary tables, references, photographs, illustrations, charts, etc.

(3) Submission and Approval.

(i) Submission. Submit report monthly beginning 30 days after task order award.

(ii) Distribution. Provide one original copy to the Task Order Manager. Additional copies shall be provided to:

(iii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWCDIVNPT Code .

(iv) Approval. DD Form 250 is not required. Approval will be indicated via letter of transmittal.

(d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the Task Order Ordering Officer.

C25S ACCESS TO GOVERNMENT SITE (JAN 2005)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. Access to Naval Undersea Warfare Center Division, Newport sites may only be gained by obtaining a badge (either permanent or temporary) from the security office.

The Contractor shall ensure that Contractor personnel employed on any Government site become familiar with and obey Activity regulations. Contractor personnel shall not enter restricted areas unless required to do so and until cleared for such entry. The Contractor shall request permission to interrupt any activity roads or utility services in writing a minimum of 15 calendar days prior to the date of interruption. Contractor personnel shall bear personal protective equipment in designated areas. All contractor equipment shall be conspicuously marked for identification.

The contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection Agency (EPA) Regulations, and all applicable state and local requirements.

(b) The contractor shall ensure that each contractor employee reads the pamphlet entitled, "Safety and Occupational Health Information for Contractors and Visitors" prior to commencing performance at any NUWCDIVNPT site. Contact Code 552 at 401-832-3534 or 5890 in Newport, RI.

(c) The contractor shall ensure that each contractor employee reads the document entitled, "NUWC

Environmental Policy” prior to commencing performance at any NUWCDIVNPT site. This document is available at <http://www.npt.nuwc.navy.mil/pao/envpolicy04.htm>.

(d) The contractor shall ensure that each contractor employee who is resident at any NUWCDIVNPT site completes ISO 14001 Awareness training within 30 days of commencing performance at that site. This training is available on the ISO 14001 webpage on the NUWCDIVNPT Intranet.

(e) The contractor shall remove from the Government site any individual whose presence is deemed by the Commander, NUWCDIVNPT, to be contrary to the public interest or inconsistent with the best interests of national security.

SECTION D PACKAGING AND MARKING

D21S DELIVERY, CONTROL, AND MARKING OF TECHNICAL DATA (SEP 2004)

- (a) Data furnished hereunder shall be adequately packaged to assure safe delivery at destination.
- (b) Transmittal of classified information by mail shall be in accordance with the National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information (DOD 5220.22-M).
- (c) The Contractor shall distribute data items according to the distribution shown on the Contract Data Requirements List(s) (CDRL), provided as an Exhibit to this task order. The Contractor shall not distribute, release, or show data items or other technical data to third parties except with the written permission of the Task Order Ordering Officer.
- (d) Release of all technical data is subject to NUWCDIVNPT INSTRUCTION 5570.1H, OPNAVINST 5510.161 and DoD Directive 5230.25 (or appropriate superseding document).
- (e) All copies of CDRL items under this task order, regardless of distribution, shall be marked on the report cover with the following information:

Naval Undersea Warfare Center Division, Newport

Contract, Order, and ELIN Numbers

Report Title

Date of Report

Contractor Name (division which generated the report)

- (f) Some of the data deliverables under this task order may require additional markings. If this clause is cited in Block 16 of the DD Form 1423, provide the following markings prominently on the cover of the report:

Contractor's Business Address

Task Order Dollar Amount

Sponsor (name, activity, office code, and location). Orders, if applicable, will identify the sponsor.

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hygroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for shipboard use.

SECTION E INSPECTION AND ACCEPTANCE

E14S INSPECTION AND ACCEPTANCE OF SERVICES (OCT 2004)

The Task Order Manager (TOM) identified in Section G is the only person empowered to inspect and accept the completed task order. Upon completion of all work and final submission of all data items, the contractor's Senior Technical Representative shall prepare and sign a Certificate of Final Acceptance (COFA) memorandum, and submit it to the TOM for signature. The contractor shall include the fully signed COFA with its final invoice.

SECTION F DELIVERIES OR PERFORMANCE

F1S PERIOD OF PERFORMANCE

Services to be furnished hereunder shall be performed and completed as follows:

Base Year: 1100 2005 SEP 12 to 2006 SEP 11

Option One: 1200 2006 SEP 12 to 2007 SEP 11

Option Two: 1300 2007 SEP 12 to 2008 SEP 11

F22S DELIVERY OF DATA (JUN 2004)

Base Year: 1100 2005 SEP 12 to 2006 SEP 11

Option One: 1200 2006 SEP 12 to 2007 SEP 11

Option Two: 1300 2007 SEP 12 to 2008 SEP 11

The contractor shall deliver data items in accordance with the directions set forth on the DD Form 1423, Contract Data Requirements List (CDRL), which is an exhibit to this task order. Any change in the delivery of data must be made by a formal task order modification.

SECTION I CONTRACT CLAUSES

52.222-41 Service Contract Act (1965)

252.223-7006 PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS (APR 1993)

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SECTION J LIST OF ATTACHMENTS