

DELIVERY ORDER **FINAL**

1. CONTRACT NO. N00178-04-D-4147	2. DELIVERY ORDER NO. 0005	3. EFFECTIVE DATE 01/19/2005	4. PURCHASE REQUEST NO. N61331-05-NR-00112
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5. ISSUED BY NSWC, PANAMA CITY Joan R. Troutman XPS2 110 Vernon Avenue Panama City, FL 32407-7001 joan.troutman@navy.mil 850-235-5845 Ext.	CODE N61331	6. ADMINISTERED BY NSWC, PANAMA CITY 110 Vernon Avenue Panama City, FL 32407-7001	CODE N61331
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7. CONTRACTOR Technical Systems Integration, Inc. 816 Greenbrier Circle, Suite 208 Chesapeake, VA 23320 TIN: 54-1663877	CODE 0WWWV3	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 Charleston Vendor Pay Code FP P.O. Box 118054 Charleston, SC 29423-8054
CODE N68892	

13. TYPE OF ORDER	<input type="checkbox"/> D	<input checked="" type="checkbox"/> 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.

Technical Systems Integration, Inc.	Francis I. Bartlett, President
NAME OF CONTRACTOR	SIGNATURE
	TYPED NAME AND TITLE
	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: Marjorie A. Dulatt	01/19/2005	22. TOTAL \$164,688
CONTRACTING/ORDERING OFFICER			

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

This task order is a Cost-Plus-Fixed-Fee Completion Form awarded for \$164,688. Additional invoicing instructions have been provided in Section G.

This is a competitive procurement. Questions and comments shall only be submitted to the Contract Specialist, via e-mail (Joan.Troutman@navy.mil). It is anticipated that the resulting Task Order shall be Cost-Plus-Fixed-Fee Completion Form.

In the event the SeaPort system is not operational, experiences technical difficulties, or a contractor is temporarily unable to access or use the system, the Contractor shall immediately notify the Contract Specialist identified in Section G. The Contract Specialist shall allow manual submission of written proposals in these circumstances.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

0001 MIL Van Logistics Documentation Updates \$164,688

Item	Supplies/Services Qty	Unit	Est. Cost	Fixed Fee	CPFF
0001AA	Non-personal services and materials necessary to provide AQS-14A and AQS-24 update of Logistic Documents. (O&MN,N)	1.0 Lot	\$154,381	\$10,307	\$164,688

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

See attached statement of work.

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SECTION D PACKAGING AND MARKING

PACKAGINGS AND MARKINGS SHALL BE TO BEST COMMERCIAL PRACTICES.

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SECTION E INSPECTION AND ACCEPTANCE

INSPECTION AND ACCEPTANCE SHALL OCCUR AT DESTINATION - NSWC PANAMA CITY.

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SECTION F DELIVERIES OR PERFORMANCE

THE PERFORMANCE PERIOD FOR THIS TASK ORDER SHALL BE FROM DATE OF AWARD THROUGH 6 MONTHS FROM EFFECTIVE DATE OF AWARD.

SECTION G CONTRACT ADMINISTRATION DATA

Accounting Data

SLINID	PR Number	Incremental Amount
0001AA	43358880	164688.00
LLA :		
ACRN AA 97X4930 NH1E 000 77777 0 000178 2F 000000 31A2K0505010		

Contract Specialist
Joan R. Troutman, XPS2
110 Vernon Ave.
Panama City, FL 32407
Joan.Troutman@navy.mil
850-235-5845

INVOICING INSTRUCTIONS

(a) The contractor shall submit vouchers not more often than every two weeks for each individual delivery order, no more than 30 days after invoiced costs are incurred. The vouchers shall contain the following statement signed by an authorized company representative:

This is to certify that the services set forth herein were performed during the period stated.

Contractor's Authorized Representative

Date of Invoice/Voucher

(b) The vouchers shall be prepared in accordance with this clause and the clauses entitled "Allowable Cost and Payment" (FAR 52.216-7) and "Fixed Fee" (FAR 52.216-8), and shall include:

- (1) Contract and delivery order number.
- (2) Costs incurred and fixed fee billed.
- (3) Direct labor hours by labor category.
- (4) Other direct costs to be specified and substantiated.

(c) The contractor shall forward the original plus two copies of each voucher to the cognizant DCAA office and one copy to the Contracting Officer's Representative (COR). DCAA will review and approve the vouchers for payment and forward them to the Contracting Officer (CSS Code XPS2). (The contractor shall make necessary provisions for DCAA to forward the vouchers to the Contracting Officer, such as a pre-addressed stamped envelope). The Contracting Officer will then approve the vouchers and forward them to the cognizant paying office for payment.

(d) If the contractor has explicit authorization from DCAA for direct submission of public vouchers, the original plus two copies may be forwarded directly to the Contracting Officer instead of DCAA. Depending on DCAA requirements, the first and final vouchers for each delivery order may still need to be approved by DCAA before being forwarded to the Contracting Officer. If required, the contractor shall forward the original and two copies of the first and final vouchers to the cognizant DCAA office instead of the Contracting Officer, and make provisions for DCAA to forward the approved vouchers to the Contracting Officer.

(d) The Contracting Officer will certify all approved vouchers and forward them to the cognizant paying office for payment.

(e) The COR will review his copy of the voucher and notify the Contracting Officer of any deficiencies. The Contracting Officer will be responsible for taking an appropriate offset on a subsequent voucher and notifying the contractor in writing of the action taken. The contractor shall be required to resolve the billing discrepancy with the Contracting Officer and resubmit a separate voucher covering any disputed portion.

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SECTION H SPECIAL CONTRACT REQUIREMENTS

THERE ARE NO SPECIAL CONTRACT REQUIREMENTS.

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SECTION I CONTRACT CLAUSES

APPLICABLE SECTION I CLAUSES ARE CONTAINED IN THE BASIC MAC DOCUMENT.

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SECTION J LIST OF ATTACHMENTS

Statement of Work
Contract Data Requirements List, DD Form 1423

**STATEMENT OF WORK
FOR
AQS-14A AND AQS-24 UPDATE OF LOGISTIC DOCUMENTS
REQUISITION 43358880**

1.0 SCOPE

NSWC PC has procured new Mil Vans for use with the AN/AQS-14A and AN/AQS-24 systems. Northrop Grumman under separate contract will be installing all the hardware required for the mil vans to function in support of the AN/AQS-14 and AN/AQS-24 systems. The Contractor for this effort will update the logistics documents to reflect the hardware installations.

2.0 APPLICABLE DOCUMENTS

NAVAIR Technical Manual 19-25-177 Covers the Mobile Facilities themselves. It includes detailed IPBs for each model or type Mobile Facility and the associated hardware.

A PMRM deck also currently exists that is completely adequate. Manuals (both maintenance and PMRM) exist for the ILTE.

AMCM Maintenance Plan Process with Template.

MIL-STD-100G	Department of Defense Standard Practice for Engineering Drawings
MIL-STD-1472E	Human Engineering
MIL-STD-1840	Automated Interchange of technical Information
MIL-M-24784 (SH)	Manuals, Technical: General Acquisition and Development Requirements
MIL-DTL-81919C (AS)	Manuals, Technical: Support Equipment; Preparation of (Work Package Concept)
MIL-DTL-81927C (AS)	Manuals, Technical: Work Package Style, Format, and Common Technical Content Requirements; General Specification for (Work Package Concept)
MIL-DTL-81928C (AS)	Manuals, Technical: Aircraft and Aeronautical Equipment Maintenance; Preparation of (Work Package Concept)
MIL-DTL-81929C (AS)	Manuals, Technical; Illustrated Parts Breakdown; Preparation of (Work Package Concept)
MIL-DTL-81927C	Manuals, Technical: Work Package Style, Format, and Common Technical Content Requirements; General Specification for (Work Package Format)
MIL-HDBK-3001 (AS)	Guide to the General Style and Format of US Navy Work Package Technical Manuals.
MIL-STD-3001(AS)	Preparation of Digital Technical Information for Multi-Output Presentation of Technical Manuals (Parts 1 through 8).
MIL-PRF-49506	Logistics Management Information (LMI)

2.1 Other Documents

OPNAVINST 4790.2	The Naval Aviation Maintenance program (NAMF)
NAVAIR 00-25-100	Naval Air Systems Command Technical Manual Program
NAVAIR 00-25-300	Naval Air Systems Command Technical Directives System
NAVAIR 00-25-700	Naval Air Systems Command Guide to the General Style and Format of Work Package Technical Manuals
AMCM TMCR of 14 January 2002	
NAVSUPINST 4423.29	Navy Uniform Source, Maintenance and Recoverability (SMR) Codes
NAVSUP P-719	Guide for the Assignment, Application and use of Source, Maintenance and Recoverability Codes

3.0 REQUIREMENTS

The NAVAIR 11-80MS-18 is a Technical Manual that covers the existing AMCM Material Support Unit (MSU). A new TMCR for the new manual will be required, and a 30/60/90% review along with a Verification/Validation.

3.1 Technical Manual I-Level

What is required is a manual to address the items that will be added to the Mobile Facility in order to incorporate the ILTE and make it operable. Those items include; Power Inverter, Power Monitor, Transformer, Cabinets, Racks, Ducting, Crane, Latches & Locks, Lighting and the Ground Buss Bar, and miscellaneous equipment. The NAVAIR 11-80MS-18 manual was used to validate an estimate of total parts count of 473 items, which covers the items listed above. A compressive detailed outline of the new technical manual in work package format:

Front Matter

- WP 001 00 Alphabetical Index
- WP 001 01 Numerical Index of Part Numbers
- WP 001 02 Numerical Index of Reference Designations
- WP 002 00 Introduction
- WP 003 00 Description and Principles of Operation
- WP 004 00 Operating Procedures
- WP 005 00 Power Inverter Description and Principles of Operation
- WP 005 01 Power Inverter Testing and Troubleshooting
- WP 005 02 Power Inverter Maintenance W/IPB
- WP 006 00 Lighting/Electrical Description and Principles of Operation
- WP 006 01 Lighting/Electrical Testing and Troubleshooting
- WP 006 02 Lighting/Electrical Maintenance W/IPB
- WP 007 00 Miscellaneous Hardware Maintenance, W/IPB

The Contractor will develop an IETM to the above outline in accordance with the IETM TMCR for legacy systems. It will reference NAVAIR 19-25-177 where applicable.

3.2 PMRM I Level

A new TMCR will be required for the new PMRM, and a 30/60/90% review along with a Verification/Validation. The items covered by this manual include; Power Inverter, Power Monitor, Transformer, Cabinets, Racks, Ducting, Crane, Latches & Locks, Lighting and the Ground Buss Bar, and miscellaneous equipment.

3.3 Interim Supply Support Plan (ISSP) with Spare List

The Contractor shall develop an ISSP that details the supply support program to support units fielded prior to reaching the Navy Material Support Date (MSD). The approach for interim support may include PBL data provided by the Contractor to be reviewed by the Naval Inventory Control Point (NAVICP).

3.4 Interactive Computer Aided Provisioning System (ICAPS).

The Contractor shall develop a list of end items, components, or assemblies, and all support equipment to include the WRA, SRA, and attaching hardware when combined constitute the end item, assembly, or component. The Contractor shall include all items (such as parts, materials, connecting cabling, and fittings) required for operation and maintenance of the end item. The Government will identify the minimum data element information needed for each item in the list. The data elements will be populated in the latest version of the Interactive Computer Aided Provisioning System (ICAPS).

3.5 Recommend Spares List with Cost for One Year

The Contractor shall develop a list of end items, components, or assemblies, and all support equipment required to support the Mil-Van complex for a one-year period.

3.6 Maintenance Plan

The Contractor shall provide a Maintenance Plan utilizing the Maintenance Planning Guide dated 02 November 2004. Each assembly, subassembly, and component will be identified in the top-down breakdown structure. The Contractor shall develop and document maintenance planning as part of the ILS program to establish the maintenance concepts and requirements for the life cycle of the system. The Contractor shall produce a Maintenance Plan that contains the data necessary to ensure that conformance with specification requirements has been met and to support analysis of personnel and maintenance resource requirements. The Maintenance Plan will define the actions necessary to ensure that the system or equipment attains the specified operational capability with minimum life cycle support.

3.7 User's Logistic Support Summary

The Contractor will create a User's Logistics Support Summary (ULSS) to identify to Commander Helicopter Tactical Wing, U.S. Atlantic Fleet (CHTWL) and Commander Helicopter Mine Countermeasures Squadron Fourteen and Fifteen (HM-14 & HM-15) the scope and status of the logistics resources necessary to operate and maintain the Material Support Units (MSU's). The ULSS will comply with the requirements of the Department of Defense Instruction (DoD Instruction 5000.2). The objective of this plan is to facilitate an effective and successful introduction of the MSU's to CHTWL, HM-14 and HM-15.

3.8 Travel

There will be 3 each three day trip for one person from Norfolk VA to NSWC PC.

There will be 2 each two day trips for one person from Norfolk VA to NSWC PC.

4.0 GOVERNMENT FURNISHED INFORMATION

The Government will provide the Contractor with access to any logistic support documentation required to complete the tasking of this order.

5.0 DELIVERABLES

The contractor shall develop the documents identified in paragraph 3.0 and sub-paragraphs. These documents will be delivered to NSWC PC Code A92 as completed. All documents are subject to government review and comment. Contractor shall incorporate government review comments on any document into the subsequent submission of the document. All work is to be completed within the period of performance of the order. Documents shall be delivered in electronic format in Microsoft Office compatible file format, on appropriate IBM PC compatible format, unless other format is called out in the applicable TMCR.

6.0 PERIOD OF PERFORMANCE

The period of performance is 6 months from award of contract.

7.0 SECURITY

The contractor will not require access to classified information or material in the performance of this tasking.

8.0 DISTRIBUTION LIMITATION STATEMENT

Documentation generated under this order shall have the following Distribution Limitation Statement and Destruction Notice affixed to the front cover and title page (if any):

DISTRIBUTION STATEMENT D: DISTRIBUTION AUTHORIZED TO DEPARTMENT OF DEFENSE AND U.S. DOD CONTRACTORS ONLY (ADMINISTRATIVE/OPERATIONAL USE) (DATE

STATEMENT APPLIED). OTHER REQUESTS FOR THIS DOCUMENT MUST BE REFERRED TO PEO-LMW (PMS210).

DESTRUCTION NOTICE – FOR CLASSIFIED DOCUMENTS, FOLLOW THE PROCEDURES IN DOD 5220.22-M, NATIONAL INDUSTRIAL SECURITY PROGRAM OPERATING MANUAL, CHAPTER 5, SECTION 7 OR DOD 5200.1-R, INFORMATION SECURITY PROGRAM REGULATION. FOR UNCLASSIFIED, LIMITED DOCUMENTS, DESTROY BY ANY METHOD THAT WILL PREVENT DISCLOSURE OF CONTENTS OR RECONSTRUCTION OF THE DOCUMENT.

9.0 RELEASE OF INFORMATION

All technical data provided to the contractor by the Government and/or by the contractor for the Government shall be protected from public disclosure in accordance with the markings contained thereon and paragraphs 7.0 and 8.0 above. All other information relating to the items to be delivered or services to be performed under this delivery order may not be disclosed by any means without prior approval of the authorized representative of the Contracting Officer. Dissemination or public disclosure includes, but is not limited to: permitting access to such information by foreign nationals or by any other persons or entity; publication of technical or scientific; advertising; or, any other proposed public release. The contractor shall provide adequate physical protection to such information so as to preclude access by any person or entity not authorized such access by the Government.

10.0 PERFORMANCE BASED REQUIREMENTS

This requirement is performance based. The standards for performance, the acceptable quality level (AQL), performance monitoring plan and incentives are defined as follows:

Required Service	Standard	AQL Requirement	Method of Surveillance	Positive/Negative Incentive
On time delivery	Delivered on or before due date	Delivered on time	Technical POC verification of delivery	2% reduction in fixed fee if AQL requirement is not met
Quality of service	Acceptable quality with no rework required	No rework required No major errors Factually accurate	Technical POC review of service results	2% reduction in fixed fee if AQL requirement is not met
Completion of tasks within estimated cost	Satisfactory completion of all tasks within the estimated cost	Final price at or below estimated cost of the order	Review of final payment voucher	Incentive payment equal to 10% of under run

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/Pr No. listed in Block E.

A. CONTRACT LINE ITEM NO.		B. EXHIBIT A		C. CATEGORY: TDP _____ TM _____ OTHER _____	
D. SYSTEM/ITEM MIL Van Logistics		E. CONTRACT/PR NO. N0017843358880		F. CONTRACTOR	
1. DATA ITEM NO. A001	2. TITLE OF DATA ITEM Technical Report - Study/Services			3. SUBTITLE Documentation	
4. AUTHORITY (Data Acquisition Document No.) DI-MISC-80508A		5. CONTRACT REFERENCE SOW paragraphs 3.0 through 3.7		6. REQUIRING OFFICE NSWC PC Code A22	
7. DD 250 REQ LT	9. DIST STATEMENT REQUIRED See SOW paragraph 8.0	10. FREQUENCY ASGEN	12. DATE OF FIRST SUBMISSION 30 DAC	14. DISTRIBUTION	
8. APP CODE	11. AS OF DATE	13. DATE OF SUBSEQUENT SUBMISSION See block 16	a. ADDRESSEE	Draft	Final
18. REMARKS Block 4: Contractor format is acceptable where format and content are not otherwise defined for the documentation being prepared. Where such guidance exists, it shall be followed. DID is cited for guidance only as to format and content. Blocks 10, 12, 13: The contractor shall submit a proposed schedule for completion of the documentation required under this tasking within 30 days of issuance of the order. Documentation to be developed under this tasking is: IETM per statement of work (SOW) paragraph (P) 3.1 PMRM I Level per SOW P 3.2 Interim Supply Support Plan per SOW P 3.3 ICAPS Data per SOW P 3.4 Recommended Spares List w/ Cost per SOW P 3.5 Maintenance Plan per SOW P 3.6 user's Logistic Support Summary per SOW P 3.7 Block 14: Documentation shall be prepared using appropriate Microsoft® Office program and be submitted as electronic copies on appropriate IBM PC compatible media. Draft copy requirements and any government review requirement/resubmission requirement will be as indicated by contractor in proposed schedule.	NSWC PC Code A22	1	1	1	
	LT Only:				
	NSWC PC Code XPS2				
	15. TOTAL		1	1	1

17. PRICE GROUP
18. ESTIMATED TOTAL PRICE

G. PREPARED BY B. M. Matthews, NSWC PC Code A22		H. DATE 2004/11/22		I. APPROVED BY L. R. Krueger, NSWC PC Code A09		J. DATE 2004/12/06	
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