

2. CONTRACT NO. DTEAAC-05-D-00070  
3. AWARD EFFECTIVE DATE 07/06/2009  
4. ORDER NUMBER 0005  
5. SOLICITATION NUMBER  
6. SOLICITATION ISSUE DATE

7. FOR SOLICITATION INFORMATION CALL: a. NAME Judy Queen  
b. TELEPHONE NUMBER (No collect calls) 405-954-7838  
8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY CODE AMQ0340-ARC  
AMQ-340 CONTRACT MANAGEMENT TEAM  
FAA AERONAUTICAL CENTER  
PO BOX 25082  
MPB ROOM 369  
OKLAHOMA CITY OK 73125  
10. THIS ACQUISITION IS  
 UNRESTRICTED  
 SET ASIDE % FOR  
 SMALL BUSINESS  
SIC: 541990  
SIZE STANDARD: \$6.5  
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED  
 SEE SCHEDULE  
12. DISCOUNT TERMS PROMPT NET 30  
JUL 09 2009

14. DELIVER TO CODE A6973DQM  
A6973DQM  
6973DQ DOT FAA AAM 500  
HUMAN RES RESEARCH DIV RM 250 CAMI  
PO BOX 25082  
OKLAHOMA CITY OK 731250082 US  
15. ADMINISTERED BY CODE AMQ340-ARC  
AMQ-340 CONTRACT MANAGEMENT TEAM  
FAA AERONAUTICAL CENTER  
PO BOX 25082  
MPB ROOM 369  
OKLAHOMA CITY OK 73125

16a. CONTRACTOR/OFFEROR CODE 100197007 FACILITY CODE  
XYANT TECHNOLOGY INC  
2600 VAN BUREN DRIVE STE 2624  
NORMAN OK 73072  
17a. PAYMENT WILL BE MADE BY CODE FAA AC ACCTG OFC  
FAA AC ACCTG OFC  
DOT/FAA AMZ-110  
PO BOX 25710  
OKLAHOMA CITY OK 73125  
TELEPHONE NO.

16b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER  
17b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 17a. UNLESS BLOCK BELOW IS CHECKED.  SEE ADDENDUM

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES	20. QUANTITY	21. UNIT	22. UNIT PRICE	23. AMOUNT
	**This order incorporates Option Year 4 requirements by Task Performance Work Statement (7 pages) attached herein, and obligates funding in the total ESTIMATED NTE amount for the annual period -OY 4. Continued ...				

24. ACCOUNTING AND APPROPRIATION DATA See schedule  
25. TOTAL AWARD AMOUNT (For Contract Authority Use Only) \$566,000.00

*Bob Link TSX 19AM-510*

26. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN  
 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.  
27. AWARD OF CONTRACT: REFERENCE OFFER  
 DATED \_\_\_\_\_, YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

28a. SIGNATURE OF OFFEROR/CONTRACTOR  
29a. CONTRACT AUTHORITY (SIGNATURE OF CONTRACTING OFFICER)

28b. NAME AND TITLE OF SIGNER (Type or Print)  
28c. DATE SIGNED  
29b. NAME OF CONTRACTING OFFICER (Type or Print) Judy A. Queen  
29c. DATE SIGNED 7/7/09

30a. QUANTITY IN COLUMN 20 HAS BEEN  
 RECEIVED  INSPECTED  ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED  
31. SHIP NUMBER  
32. VOUCHER NUMBER  
33. AMOUNT VERIFIED CORRECT FOR  
 PARTIAL  FINAL

32b. SIGNATURE OF AUTHORIZED CONTRACT AUTHORITY REPRESENTATIVE  
32c. DATE  
34. PAYMENT  
 COMPLETE  PARTIAL  FINAL  
35. CHECK NUMBER  
36. S/R ACCOUNT NUMBER  
37. S/R VOUCHER NUMBER  
38. PAID BY

39a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT  
39b. SIGNATURE AND TITLE OF CERTIFYING OFFICER  
39c. DATE  
40a. RECEIVED BY (Print)  
40b. RECEIVED AT (Location)  
40c. DATE REC'D (YY/MM/DD)  
40d. TOTAL CONTAINERS

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REFERENCE NO. DOCUMENT BEING CONTINUED  
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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	<p>Authority: AMS 3.6.2-28 &amp; AMS 3.6.2-30</p> <p>DISTR: TS Delivery: 07/12/2009 Period of Performance: 07/12/2009 to 07/11/2010</p> <p>+++++ OPTION YEAR 4 +++++</p> <p>019 TOTAL ESTIMATED DOLLARS \$ 623,012.20</p> <p>4. Research Technical Support as requested to meet contract PWS requirements. OY 4 ISO9000: N Electronic &amp; IT: 03</p> <p>Project Data: 1208AC086110.FA0900.ACB3700000.25305.06/26/2009.1208800080.8FA000 Accounting Info: 1208800080.2009.8R4N8FA000.ACB3700000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8FA000 acct4: ACB3700000 acct 5: 25305 acct6: 61006600 Funded: \$95,000.00</p> <p>Project Data: 1208AC082110.BHRR523.AV9300.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: 1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$179,100.00</p> <p>Project Data: 1207AC082110.BHRR523.AV9300.ACB3600000.25305.06/26/2009.1298800070.8BA000 Accounting Info: 1298800070.2009.7R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$9,900.00</p> <p>Project Data: 1208AC082110.BHRR522.AV9200.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: 1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$19,000.00</p> <p>Project Data: 1208AC082110.BHRR524.AV9400.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: Continued ...</p>				556,000.00

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$41,000.00 Project Data: 1207WA041110.RD0400.WAG2200000.25500.06/26/2009.1298800070.4AA000 Accounting Info: 1298800070.2009.7R3J4AA000.WAG2200000.25500.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R3J4AA000 acct4: WAG2200000 acct 5: 25500 acct6: 61006600 Funded: \$14,000.00 Project Data: 1207WA041110.RD0400.ACB3600000.25305.06/26/2009.1298800070.4AA000 Accounting Info: 1298800070.2009.7R4N4AA000.ACB3600000.25305.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R4N4AA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$65,000.00 Project Data: 1208AC081110.AHRR521.AV9500.ACB3600000.25305.06/26/2009.1208800080.8AA000 Accounting Info: 1208800080.2009.8R4N8AA000.ACB3600000.25305.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8AA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$133,000.00  Labor Categories----Est. Hrs.---(\$ Fixed Hourly Rate(rounded) (RATES & EST HRS. BASED ON NEGOTIATED CONTRACT MODIFICATION 0008 completed 6/25/2009) Hrs. are estimated & will be ordered on individual task orders as anticipated program needs are identified. See Schedule B. Project Supervisor-----1880----- Research Assistant-----3760----- Computer Programmer-----470----- Research Technician-----5640----- General Clerk II-----2820----- Air Traffic Control (SME)-----650----- Pilot (SME)-----650----- Airframe/Power Plant Mech(SME)--650-----  020 TOTAL NOT TO EXCEED (NTE) COST \$10,000.00 (ESTIMATED)				
0002	4. Travel Costs in accordance with FAA Travel Policy and provisions of the Contract OPTION YEAR 4 ISO9000: N Electronic & IT: 03 Award Type: Cost Total Estimated Cost: \$10,000.00 Continued ...				10,000.00

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>Project Data: 1208AC086110.FA0900.ACB3700000.25305.06/26/2009.1208800080.8FA000</p> <p>Accounting Info: 1208800080.2009.8R4N8FA000.ACB3700000.25305.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8FA000 acct4: ACB3700000 acct 5: 25305 acct6: 61006600 Funded: \$4,000.00</p> <p>Project Data: 1208AC081110.AHRR521.AV9500.ACB3600000.25305.06/26/2009.1208800080.8AA000</p> <p>Accounting Info: 1208800080.2009.8R4N8AA000.ACB3600000.25305.61006600.000000000000.000000000000.000000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8AA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$6,000.00</p> <p>021 TOTAL ESTIMATED DOLLARS \$27,455.25</p>				
0003	<p>4. Overtime Percentage (rate) applied to each labor category Shown in this schedule (CLIN 019 Labor Categories). The overtime costs to be evaluated as required in accordance with Section G, Clause G.4. The Overtime must be approved in writing by the Contracting Officer prior to performance. ISO9000: N Electronic &amp; IT: 03</p> <p>Overtime Rate in percent 1.5% (RATES &amp; EST HRS. BASED ON NEGOTIATED CONTRACT MODIFICATION 0008 completed 6/25/2009)</p> <p>Labor Categories-----Est. Hrs.---(\$ Fixed Hourly Rate (rounded)) Project Supervisor-----100----- Research Assistant-----50----- Computer Programmer-----50----- Research Technician-----50----- General Clerk II-----50----- Air Traffic Control (SME)-----50----- Pilot (SME)-----50----- Airframe/Power Plant Mech(SME)-50-----</p> <p>022 OPTIONAL LINE ITEM TOTAL ESTIMATED DOLLARS: TO BE DETERMINED (TBD) WHEN PHASE OUT IS EXERCISED.</p>				0.00
0004	<p>4. Option to Phase Out in accordance with the PWS and Section H-Clause H.3. The Contract shall provide the estimated Continued ...</p>				0.00

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	ceiling cost upon request from FAA to define the period and hours for phase out. The ceiling cost will be based upon the rates established for normal business hours. ISO9000: N Electronic & IT: 03  OPTION 4 TOTAL ESTIMATED DOLLARS \$ 623,012.20  The total amount of award: \$566,000.00. The obligation for this award is shown in box 25.				

**TASKED PERFORMANCE WORK STATEMENT**  
**for**  
**Contract No. DTFAAC-05-D-00070**  
**Xyant Technology, Inc.**  
**for**  
**Option Year 4**

**1. INTRODUCTION:**

This effort requires contract support to provide the CAMI Aerospace Human Factors Research Division with administrative and technical support to assist in the conduct of research necessary to meet mission requirements. The administrative and technical support shall include the conduct and assistance with many tasks associated with database development and administration, software revision and maintenance, survey development, distribution, transcription, scanning paper returns, data analysis, quality control, and report generation, as well as assisting in laboratory and field experiments regarding AAM-500s Human Factors missions requirements. The contract support shall be responsible for management and supervision of all contract personnel (including subject matter experts) who are assigned to complete tasks issued within the scope of the technical requirements of the Division.

**2. APPLICABLE ORDERS, REGULATIONS, FORMS AND MANUALS:**

The applicable documentation is identified

**3. ADMINISTRATION:**

Requiring Office: AAM-500 Human Factors Research Division

Period of Performance: Date of Award through July 11, 2010

Place of Performance: Contract services will be conducted at the CAMI Aerospace Human Factors Research Division (AAM-500).

COTR for this work will be:

Robert C. Link.  
Aerospace Human Factors Research Division, AAM-500  
6500 MacArthur Blvd  
Oklahoma City, OK 73169  
Phone: (405) 954-6845

**4. GOVERNMENT FURNISHED PROPERTY**

All resources for conducting Delivery Order requirements will be provided by the government. Including facilities, office work space, general office equipment, phones, PCs, etc.

**5. SCOPE OF WORK:** The contractor shall provide quality technical, analytical, planning, and administrative support. The contractor shall furnish and make available all personnel, and services necessary to assist AAM-500 in accomplishing its mission. As directed by the FAA, the contractor may also be required to interface with various FAA and U.S. Government organizations.

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**5.1 Technical Support Project Requirements**

The contractor shall provide all of the necessary technical operations and administrative support such as: planning, organizing, managing, coordinating, and tracking (e.g., report management, cost/schedule/performance measurement, risk management, component procurement management, system engineering management, resource management, data management) required to perform all of the project tasks successfully as required in accordance with this SOW.

Project Accounting Codes	Project/ Task No.	Task Names associated with Projects 1, 2, 3, 4	TOTAL EST HRS and Costs	EST Travel Costs	SUPPORT PROGRESS & DELIVERABLES
HRR-521	1 a,	Proactive Audit Approach to Support SMS in Airline Maintenance and Ramp Operations (LOSA)	1250 \$54,000	\$3,000	LOE, monthly/quarterly progress updates, programming support to help design and prototype data collection forms and data entry/analyses software
HRR-521	1 b, c,	AME AMC Customer Survey Pilot AMC Survey	380 \$16,000		LOE, monthly/quarterly progress updates, Report generation (item, overall and regional)
HRR-521	1 d	Synthetic Vision	224 \$8,000		LOE, monthly/quarterly progress updates for scheduling/coordination/d documentation of subjects
HRR-521	1 e, f,	HFACS Mx HF DVD	180 \$8,000		LOE, monthly/quarterly progress updates
HRR-521	1 g, h	Aircraft/Airport Lighting Color Vision/Hypoxia	1570 \$60,000		LOE, monthly/quarterly progress updates, data management, analysis, scheduling/coordination/d documentation of subjects and summary report writing
HRR-521	1 i	ULR Study	180 \$8,000		LOE, monthly/quarterly progress updates, data management
HRR-521	1 j	Unmanned Aircraft Systems	224 \$8,000		LOE, monthly/quarterly progress updates, Scheduling/Coordination/ Documentation
HRR-521	1 k	LED Color Vision	660 \$25,000		LOE, monthly/quarterly progress updates, data management, analysis, scheduling/coordination/d documentation of subjects and summary report writing
HRR-521	1 l	LED Brightness	660	\$3,000	LOE, monthly/quarterly

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			\$25,000		progress updates, data management, analysis, scheduling/coordination/documentation of subjects and summary report writing
<b>Total for HRR-521</b>			<b>5328 \$212,000</b>	<b>\$6,000</b>	
HRR-521F	1F a	Flight Attendant Survey	2370 \$80,000		LOE, monthly/quarterly progress updates, transcription, content analysis of comments. Report generation.
HRR-521F	1F b, c	Flight Attendant Int'l Policy FA Field Study	390 \$15,000	\$4,000	LOE, monthly/quarterly progress updates, assimilation of Int'l policies. Field data mgt/reduction/analysis.
<b>Total for HRR-521F</b>			<b>2760 \$95,000</b>	<b>\$4,000</b>	
HRR-522	2 a	ATCARS	500 \$19,000		LOE, monthly/quarterly progress updates, Workload Calibration, time on position
<b>Total for HRR-522</b>			<b>500 \$19,000</b>		
HRR-523	3 a	ATSAT	1802 \$56,000		LOE, monthly/quarterly progress updates, Proctoring/data collection, Electronic Questionnaire Design
HRR-523	3 b	ATCOV	1448 \$60,000		LOE, monthly/quarterly progress updates, Proctoring/data collection,
HRR-523	3 c, d, e	ATCS Biodata & Interview ATCS Strategic Job Analysis ATSS Interview	2214 \$73,000		LOE, monthly/quarterly progress updates, Interview Transcription and content coding, JAIdB prototype development and JAIdB report design
<b>Total for HRR-523</b>			<b>5464 \$189,000</b>		
HRR-524	4 a, b	AAM-500 Division Pop-up Support Reference Mgr	403 \$11,000		LOE, technical editing, software support, shredding,

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		Support			scanning/copying, relocation of equipment and setup to CAMI Bldg
HRR-524	4 c	QRG Survey	882 \$30,000		LOE, data reduction & documentation, advertisement, web survey design, survey distribution/log in tech
<b>Total for HRR-524</b>			<b>1285 \$41,000</b>		
<b>Overall Totals</b>			<b>15,337 \$556,000</b>	<b>\$10,000.00</b>	

## 5.2 Technical Support Project Requirements by Task/Sub number and Subtitle:

### **5.2.1 a. Proactive Audit Approach to Support SMS in Airline Maintenance and Ramp Operations (LOSA)** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist in: construction of data collection forms, database, and reporting mechanisms as necessary. Some travel will be necessary to support this study effort.

### **5.2.1 b. AME AMC Customer Satisfaction Survey** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist in: development of a “comment” report (or appendix for the overall report), and the generation of an overall report and regional reports as necessary.

### **5.2.1 c. Pilot AMC Customer Satisfaction Survey**- Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel for: distribution of survey, processing/scanning paper surveys, web survey distribution and login tech support, data reduction and documentation, design and generation of an overall item report, and subgroup item report.

### **5.2.1 d. Synthetic Vision Study** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to manage study participants' scheduling/coordination/documentation.

### **5.2.1 e. Human Factors Accident Classification System (HFACS)** – - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

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The Contractor shall provide personnel to assist with the downloading of NTSB accident reports, assimilation of the data, coordination and assimilation of SME analysis data, technical support in data conversion, verification, and drafting summary reports.

**5.2.1 f. Mx HF DVD Distribution** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with logging requests for DVDs and distribution.

**5.2.1 g. Aircraft/Airport Lighting Study** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist in the color vision test design/development, color sample data entry and QA, data reduction, documentation, analysis, and report writing. Some travel will be necessary to support this data collection and study effort.

**5.2.1 h. Color Vision/Hypoxia Study** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to support color vision data reduction, documentation, analysis, and report writing. Associated study pulse oximetry data reduction and analysis will also be required.

**5.2.1 i. Ultra Long Range (ULR) Flight Study**- Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with the Ultra Long Range (ULR) Flight Operations Study—primarily with WAM downloads, reduction/analysis, management; transcription of logbook entries, database reduction/analysis management; and the input of appropriate WAM data into a performance prediction model (e.g., FAST).

**5.2.1 j. Unmanned Aircraft Systems** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The contractor shall provide personnel to assist with study participant scheduling/coordination/documentation.

**5.2.1 k. LED Color Vision** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The contractor shall provide personnel to assist with study participant scheduling/coordination/documentation and database reduction/analysis management.

**5.2.1 l. LED Brightness** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The contractor shall provide personnel to assist with study participant scheduling/coordination/documentation and database reduction/analysis management. Some travel will be necessary to support this study effort.

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**5.2.1F a. Flight Attendant Fatigue Survey** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist in: transcription and QA of survey comments, drafting a comment report (or appendix).

**5.2.1F b. Flight Attendant International Fatigue Policy Study** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with reviewing a technical manuscript.

**5.2.1F c. Flight Attendant Fatigue Field Study** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with the test equipment distribution and instruction, management/reduction/analysis of some of the data acquired from flight attendant field study and the input of appropriate data into the performance prediction model. Some travel will be necessary to support this study effort.

**5.2.2 a. ATCARS** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with the testing of new ATC simulation scenarios (workload calibration), train and serve as ghost-pilots during simulation participation.

**5.2.3 a. ATSAT**- Level of Effort (LOE) from date of award through 11 July 2010, Increased Labor requirements necessary, but not to exceed obligated funding on the modified Designated Contract Line Item.

The Contractor shall provide personnel to assist with the electronic questionnaire design, proctoring class testing; scanning, processing, management and QA of rosters, ATSAT data, and RNO. ...

**5.2.3 b. Air Traffic Color Vision (ATCOV) test** – Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with assembling materials, making copies, administering tests to subjects, entering data, and data analysis. Also provide some programming time to make changes to the program and package it for deployment.

**5.2.3 c. ATCS Biodata & Interview** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with multi-year interview transcription, content coding, QA, analysis and drafting comments reports.

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**5.2.3 d. ATCS Strategic Job Analysis** - Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with updating the Job Analysis data base (JAIDB) for NextGen, JAIDB prototype development, data reduction processing, QA of data and JAIDB report design.

**5.2.3 e. ATSS Interview** – Level of Effort (LOE) from date of award through 11 July 2010, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with multi-year interview transcription, content coding, QA, analysis and drafting comments reports.

**5.2.4 a. AAM-500 Div. Pop-up Support Activities**-Level of Effort (LOE) from date of award through 11 July 2009, Labor not to exceed obligated funding on the Designated Contract Line Item. Activities will include the following:

*Reproduction of Research Materials* -The Contractor shall provide upon request, hard copies and/or electronic reproductions of books, journal articles, and other customer research materials. These products will be requested and delivered within 2 business days for each item in need of reproduction up to 84,000 unbound pages for photocopying or 6,300 bound pages for scanning or an equivalent combination of bound and unbound pages photocopied and/or scanned.

*Shredding of Research Data/Materials* - The Contractor shall provide upon request, shredded research materials (if necessary, up to 20,000 pages within 2 business days).

*Software Testing and Support* - The Contractor shall provide upon request, personnel to assist in writing, setting up, and testing software programs designed for training, data collection, and/or data analysis.

*Technical Editing* - The Contractor shall provide upon request, personnel to proofread, edit, and/or co-author 1 technical manuscript.

**5.2.4 b. Reference Manager Databases** - The Contractor shall provide personnel to assist in the maintenance and management of a centralized Reference Manager database. Upon request, the contractor shall provide personnel to conduct literature searches, make additions to the centralized database, extract topic databases, and provide supporting documentation within 10 business days.

**5.2.4 c. ECG Survey** – Level of Effort (LOE) from date of award through 11 July 2009, Labor not to exceed obligated funding on the Designated Contract Line Item.

The Contractor shall provide personnel to assist with web survey design, advertisement, distribution and login tech, data reduction and documentation.

**6.0 ACCEPTANCE:** Contract progress and deliverables associated with these tasks will be reviewed and accepted/rejected by each CAMI Principle Investigator requesting the contract support and by the COTR in accordance with monthly progress and delivery of pertinent products.

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 16, 22, 23, &amp; 28</i>				1. REQUISITION NUMBER		PAGE OF 1   4	
2. CONTRACT NO. DTFAAC-05-D-00070		3. AWARD/ EFFECTIVE DATE 07/24/2009	4. ORDER NUMBER 0005/0001		5. SOLICITATION NUMBER		6. SOLICITATION ISSUE DATE
7. FOR SOLICITATION INFORMATION CALL:		a. NAME Judy Queen		b. TELEPHONE NUMBER (No collect calls) 405-954-7838		8. OFFER DUE DATE/LOCAL TIME	
9. ISSUED BY  AMQ-340 CONTRACT MANAGEMENT TEAM FAA AERONAUTICAL CENTER PO BOX 25082 MPB ROOM 369 OKLAHOMA CITY OK 73125		CODE AMQ0340-ARC	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE <input type="checkbox"/> SMALL BUSINESS  SIC: 541990 SIZE STANDARD: \$6.5		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	12. DISCOUNT TERMS PROMPT NET 30 	
14. DELIVER TO  A6973DQM 6973DQ DOT FAA AAM 500 HUMAN RES RESEARCH DIV RM 250 CAMI PO BOX 25082 OKLAHOMA CITY OK 731250082 US		CODE A6973DQM	15. ADMINISTERED BY  AMQ-340 CONTRACT MANAGEMENT TEAM FAA AERONAUTICAL CENTER PO BOX 25082 MPB ROOM 369 OKLAHOMA CITY OK 73125		CODE AMQ340-ARC	13. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP	
16a. CONTRACTOR/ OFFEROR  XYANT TECHNOLOGY INC 2600 VAN BUREN DRIVE STE 2624 NORMAN OK 73072		CODE 100197007	FACILITY CODE	17a. PAYMENT WILL BE MADE BY  FAA AC ACCTG OFC DOT/FAA AMZ-110 PO BOX 25710 OKLAHOMA CITY OK 73125		CODE FAA AC ACCTG OFC	
TELEPHONE NO.		16b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		17b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 17a. UNLESS BLOCK BELOW IS CHECKED. <input type="checkbox"/> SEE ADDENDUM			
18. ITEM NO.	19. SCHEDULE OF SUPPLIES/SERVICES			20. QUANTITY	21. UNIT	22. UNIT PRICE	23. AMOUNT
	**Revision 0001 to reflect allowable rate increases in SCA labor hour rates IAW contract modification 0009. (WD 2005-2431 Revision 8). NO MONETARY INCREASE ON DELIVERY ORDER; FUNIDNG IS ESTIMATED. NOTE: Currently, no OT hours are required or Continued ...						
24. ACCOUNTING AND APPROPRIATION DATA See schedule				25. TOTAL AWARD AMOUNT (For Contract Authority Use Only) \$0.00			
26. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <input type="checkbox"/> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				27. AWARD OF CONTRACT: REFERENCE OFFER <input checked="" type="checkbox"/> DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
28a. SIGNATURE OF OFFEROR/CONTRACTOR  <i>Bob Link</i>				29a. CONTRACT AUTHORITY (SIGNATURE OF CONTRACTING OFFICER)  <i>Judy A. Queen</i>			
28b. NAME AND TITLE OF SIGNER (Type or Print)		28c. DATE SIGNED		29b. NAME OF CONTRACTING OFFICER (Type or Print)		29c. DATE SIGNED	
				Judy A. Queen		7/24/09	
30a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> RECEIVED <input type="checkbox"/> INSPECTED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED				31. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. VOUCHER NUMBER	33. AMOUNT VERIFIED CORRECT FOR	
32b. SIGNATURE OF AUTHORIZED CONTRACT AUTHORITY REPRESENTATIVE		32c. DATE		34. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		35. CHECK NUMBER	
				36. S/R ACCOUNT NUMBER		37. S/R VOUCHER NUMBER	
39a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT				40a. RECEIVED BY (Print)			
39b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		39c. DATE		40b. RECEIVED AT (Location)			
				40c. DATE REC'D (YY/MM/DD)		40d. TOTAL CONTAINERS	

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0001	<p>approved but rates are increased for reference. See line items below for amplification**</p> <p>This order incorporates Option Year 4 requirements by Task Performance Work Statement (7 pages) attached herein, and obligates funding in the total ESTIMATED NTE amount for the annual period OY 4. Authority: AMS 3.6.2-28 &amp; AMS 3.6.2-30 *****NAICS CODE HAS BEEN CHANGED TO 541990; I GET A PRIMS ERROR USING THE PREVIOUS CODE 541710*****</p> <p>DISTR: TS Delivery: 07/12/2009 Period of Performance: 07/12/2009 to 07/11/2010</p> <p>Change Item 0001 to read as follows (amount shown is the obligated amount):</p> <p>+++++ OPTION YEAR 4 +++++</p> <p>019 TOTAL ESTIMATED DOLLARS \$ 650,359.80 (mod 0009)</p> <p>4. Research Technical Support as requested to meet contract PWS requirements. OY 4 Revised Labor Rates Below: ISO9000: N Electronic &amp; IT: 03</p> <p>Project Data: 1208AC086110.FA0900.ACB3700000.25305.06/26/2009.1208800080.8FA000 Accounting Info: 1208800080.2009.8R4N8FA000.ACB3700000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8FA000 acct4: ACB3700000 acct 5: 25305 acct6: 61006600 Funded: \$0.00</p> <p>Project Data: 1208AC082110.BHRR523.AV9300.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: 1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$0.00</p> <p>Project Data: 1207AC082110.BHRR523.AV9300.ACB3600000.25305.06/26/2009.1298800070.8BA000 Accounting Info: 1298800070.2009.7R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Continued ...</p>				0.00

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Funded: \$0.00 Project Data: 1208AC082110.BHRR522.AV9200.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: 1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$0.00 Project Data: 1208AC082110.BHRR524.AV9400.ACB3600000.25305.06/26/2009.1208800080.8BA000 Accounting Info: 1208800080.2009.8R4N8BA000.ACB3600000.25305.61006600.0000000000.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8BA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$0.00 Project Data: 1207WA041110.RD0400.WAG2200000.25500.06/26/2009.1298800070.4AA000 Accounting Info: 1298800070.2009.7R3J4AA000.WAG2200000.25500.61006600.0000000000.0000000000.0000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R3J4AA000 acct4: WAG2200000 acct 5: 25500 acct6: 61006600 Funded: \$0.00 Project Data: 1207WA041110.RD0400.ACB3600000.25305.06/26/2009.1298800070.4AA000 Accounting Info: 1298800070.2009.7R4N4AA000.ACB3600000.25305.61006600.0000000000.0000000000.0000000000 .0000000000 acct1: 1298800070 acct2: 2009 acct3: 7R4N4AA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$0.00 Project Data: 1208AC081110.AHRR521.AV9500.ACB3600000.25305.06/26/2009.1208800080.8AA000 Accounting Info: 1208800080.2009.8R4N8AA000.ACB3600000.25305.61006600.0000000000.0000000000.0000000000 .0000000000 acct1: 1208800080 acct2: 2009 acct3: 8R4N8AA000 acct4: ACB3600000 acct 5: 25305 acct6: 61006600 Funded: \$0.00				
	Labor Categories----Est. Hrs.---(\$ Fixed Hourly Rate(rounded) (RATES & EST HRS. BASED ON NEGOTIATED CONTRACT MODIFICATION 0009 completed 7/24/09) Hrs. are estimated & will be ordered on individual task orders as anticipated program needs are identified. See Schedule B. Project Supervisor-----1880----- (Exempt) Research Assistant-----3760----- Computer Programmer-----470----- Research Technician-----5640----- General Clerk II-----2820----- Air Traffic Control (SME)-----650----- Continued ...				

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NAME OF OFFEROR OR CONTRACTOR  
XYANT TECHNOLOGY INC

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
0003	<p>Pilot (SME)-----650-----</p> <p>Airframe/Pwr Plant Mech III(SME)650 ---</p> <p>Change Item 0003 to read as follows(amount shown is the obligated amount):</p> <p>021 TOTAL ESTIMATED DOLLARS \$27,455.25</p> <p>4. Overtime Percentage (rate) applied to each labor category Shown in this schedule (CLIN 019 Labor Categories). The overtime costs to be evaluated as required in accordance with Section G, Clause G.4. The Overtime must be approved in writing by the Contracting Officer prior to performance. Revised Labor Rates Below: ISO9000: N Electronic &amp; IT: 03</p> <p>Overtime Rate in percent 1.5% (RATES &amp; EST HRS. BASED ON NEGOTIATED CONTRACT MODIFICATION 0009 completed 7/24/2009)</p> <p>Labor Categories-----Est. Hrs.---(\$ )Fixed Hourly Rate (rounded) RATES &amp; EST HRS.</p> <p>Project Supervisor-----100-----</p> <p>Research Assistant-----50-----</p> <p>Computer Programmer-----50-----</p> <p>Research Technician-----50-----</p> <p>General Clerk II-----50-----</p> <p>Air Traffic Control (SME)-----50-----</p> <p>Pilot (SME)-----50-----</p> <p>Airframe/Power Plant Mech(SME)-50-----</p>				<p>0.00</p>

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