

List of Pages and Lines Exempt from Disclosure

<b>Task Order 34 – Task Order and Modifications</b>		
Task Order 34 Modification 0001 Modification 0002 Modification 0003 Modification 0004 Modification 0005 Modification 0006 Modification 0007 Modification 0008 Modification 0009 Modification 0010 Modification 0011 Modification 0012 Modification 0013 Modification 0014 Modification 0015 Modification 0016 Modification 0017 Modification 0018 Modification 0019 Modification 0020 Modification 0021 Modification 0022 Modification 0023	Fixed Fee Amounts Unit Price Amounts	Delete the values associated with the fixed fee amounts and unit price amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.

<b>Task Order 34 - Cost Proposal</b>		
Pages 1-33	All lines	Delete the dollar values associated with SAIC's prices, estimated cost, fixed fee and total CLIN amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.
Page 2	All lines	This information contains

		SAIC's confidential results of negotiations and represents SAIC's own knowledge of the procurement environment. Release of this information would harm SAIC's competitive posture by giving competitors access to knowledge unique to SAIC and would allow them an unfair competitive advantage in future procurements.
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<b>Task Order 34 - Task Management Plan</b>		
Pages 2-15, 17-25 Page 27	All lines Lines 1-30	These pages describe SAIC's technical approach for accomplishing the NDBC Yellow Buoy, DART and TAO projects. This approach is a result of SAIC's own creative knowledge and experience and is not publicly available. Release of this confidential information would cause substantial harm to SAIC's competitive posture on future procurements by allowing competitors to duplicate this technical approach to SAIC's detriment.
Page 29	Lines 7 -10	Delete the names of SAIC personnel. Release of the names of SAIC personnel would allow competitors the ability to contact these personnel for the purpose of pirating them away from SAIC, thereby harming our competitive position.
Appendix D-1 Page 16	Schedule	Delete SAIC's estimated

		<p>hours for the described taskings. This deletion is essential to prevent a competitor from obtaining access to SAIC confidential pricing information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.</p>
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# ORDER FOR SUPPLIES OR SERVICES

PAGE      OF PAGES

1      12

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

1. DATE OF ORDER 29 Jun 2007	2. CONTRACT NO. (if any) QA133005CQ1035	6. SHIP TO: WG950123	
3. ORDER NO. 0034	4. REQUISITION/REFERENCE NO. See Schedule	a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER	
5. ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. CAREY                      228-688-1705		b. STREET ADDRESS ATTN: PROPERTY OFFICER BUILDING 3204	
		c. CITY STENNIS SPACE CENTER	e. ZIP CODE 39529-6000
7. TO: 00004157                      TIN: 953630868		f. SHIP VIA	

8. TYPE OF ORDER	
<input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	<input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.
a. NAME OF CONTRACTOR SCIENCE APPLICATIONS                      DUNS: 148095086	b. COMPANY NAME
c. STREET ADDRESS 10260 CAMPUS POINT DRIVE MAIL STOP G2	
d. CITY SAN DIEGO	e. STATE CA      f. ZIP 921211578

9. ACCOUNTING AND APPROPRIATION      BOC:      OBLIGATED AMT: \$3,248,503.81 See Attached Schedule	10. REQUISITIONING OFFICE NOAA - NWS
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11. BUSINESS CLASSIFICATION (Check appropriate box(es))

a. Small  
  b. Other than small  
  c. Disadvantaged  
  d. Women-owned  
  e. HUBZone  
  f. Emerging small business  
  g. Service-disabled veteran-owned

12. F.O.B. POINT DESTINATION	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE 29 Jun 2007	16. DISCOUNT TERMS 00.00% 0 Days  Net 30
13. PLACE OF			
INSPECTION DESTINATION	b. ACCEPTANCE DESTINATION		

**17. SCHEDULE (See reverse for Rejections)**

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:			
a. NAME NATIONAL DATA BUOY CENTER			US\$  3,248,503.81
b. STREET ADDRESS (or P.O. Box) RESOURCES BRANCH /W/OPS53 BUILDING 1100			
c. CITY STENNIS SPACE CENTER	d. STATE MS	e. ZIP CODE 39529-6000	

22. UNITED STATES OF AMERICA BY (Signature) <i>Marilyn Clark 6-29-07</i>	23. NAME (Typed) MARILYN CLARK                      228 688-2382 (TITLE CONTRACTING/ORDERING OFFICER)
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# ORDER FOR SUPPLIES OR SERVICES - Continuation

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**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
	<p>This task order incorporates all operational support, including equipment preparation, industrial facility support, laboratory operations, cost-effective scheduled and unscheduled field service (including installation, deployments and equipment exchanges for all three buoy programs), as well as the operational engineering support to maximize the data availability of the existing network. In addition, this task order also includes re-engineering efforts to improve the existing buoy programs. All of these tasks are in accordance with the Task Management Plan (TMP) version 1, dated 06/28/07.</p> <p>The task order is valid from 07/01/2007 through 06/30/2010.</p>					
0301X	<p>The contractor shall provide all labor required to perform Management of Operations in accordance with the SubCLINs listed below as they relate directly to tasks as specified in Para 1.0 of the attached Task Management Plan. The Period of Performance for the following SubCLINs is 07/01/07 through 06/30/08.</p> <p>PR #: NWWG9502-7-17736</p>	1	EA	NSP	NSP	
0301XA	<p>Provide all labor to accomplish Management Oversight of all Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.1 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2008.</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$1,524,152.06 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 710,554.56 PR #: NWWG9502-7-17679</p>	2	QT	355,277.28	710,554.56	

ORDER FOR SUPPLIES OR SERVICES - Continuation

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER: 29 Jun 2007  
 CONTRACT NO. (if any): OA133005CO1035  
 ORDER NO.: 0034

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0301XB	Provide all labor to accomplish overall Operational Engineering for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$269,509.95 with a maximum fee of [REDACTED], which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 134,754.98 PR #: NWWG9502-7-17679	2	QT	67,377.49	134,754.98	
0301XC	Provide all labor to accomplish overall Technical Refresh for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with further instructions as it becomes available. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  PR #: NWWG9502-7-17736	1	EA	0.00	0.00	

ORDER FOR SUPPLIES OR SERVICES - Continuation

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER: 29 Jun 2007  
 CONTRACT NO. (if any): OA133005CO1035  
 ORDER NO.: 0034

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0301XD	Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 36,500.00 PR #: NWWG9502-7-17679	2	QT	18,250.00	36,500.00	
0302A	The contractor shall provide all labor required to perform Deep-Ocean Assessment and Reporting of Tsunamis (DART) in accordance with the SubCLINs listed below as they relate directly to tasks as specified in the attached Task Management Plan, Para 2.0. The Period of Performance for the following SubCLINs is 07/01/07 through 06/30/08.  PR #: NWWG9502-7-17736	1	EA	NSP	NSP	
0302AA	Provide all labor to accomplish the Production and Integration of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  FIRM FIXED PRICE  The negotiated amount of this SubCLIN is \$546,846.01 with a maximum fee of [REDACTED] which is included in the funded amount.  Accounting and Appropriation Data: 14.07.E8M6JU9.P58.85.040401033.200600009 5020000.25130000.000000 \$ 255,200.48 PR #: NWWG9502-7-17736	2	QT	127,600.24	255,200.48	

**ORDER FOR SUPPLIES OR SERVICES - Continuation**

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$491,924.38 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E8M6JU9.P58.85.040401033.200600009 5020000.25130000.000000 \$ 175,611.47 PR #: NWWG9502-7-17736</p>	1	QT	175,611.47	175,611.47	
0302AC	<p>Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$177,329.40 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E8M6JU9.P58.85.040401033.200600009 5020000.25130000.000000 \$ 88,417.50 PR #: NWWG9502-7-17736</p>	2	QT	44,208.75	88,417.50	

**ORDER FOR SUPPLIES OR SERVICES - Continuation**

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DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0302AD	<p>Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-17736</p>	1	QT	0.00	0.00	
0303B	<p>The contractor shall provide all labor required to perform Yellow Buoy/CMAN in accordance with the SubCLINs listed below as they relate directly to tasks as specified in the attached Task Management Plan, Para 3.0. The Period of Performance for the following SubCLINs is 07/01/07 through 06/30/08.</p> <p>PR #: NWWG9502-7-17736</p>	1	EA	NSP	NSP	
0303BA	<p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,042,797.46 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.07.E8M6J11.PK4.85.040406001.200600009 5020000.25130000.000000 \$ 560,135.74 PR #: NWWG9502-7-17684</p>	2	QT	280,067.87	560,135.74	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

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DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$394,493.30 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.07.E8M6J11.PK4.85.040406001.200600009 5020000.25130000.000000 \$ 144,928.12 PR #: NWWG9502-7-17684</p>	2	QT	72,464.06	144,928.12	
0303BC	<p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$1,187,625.93 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p><b>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</b></p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 22,500.00 14.07.4RM6JHC.PMM.07.040401005.2006000 095020000.25130000.000000 \$ 42,800.00 14.07.4RM6J00.PMM.07.040401005.2006000 095020000.25130000.000000 \$ 54,700.00 14.07.E8K3BCL.P11.85.010102020.20060000 95010000.25130000.000000 \$ 70,000.00 14.07.E8M6J11.PK4.85.040406001.200600009 5020000.25130000.000000 \$ 653,681.18 PR #: NWWG9502-7-15041</p>	1	QT	843,681.18	843,681.18	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

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DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0303BD	<p>Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$167,644.35 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 83,822.18 PR #: NWWG9502-7-15041</p>	2	QT	41,911.09	83,822.18	
0303BE	<p>Provide all labor to accomplish the Technical Refresh section of the Yellow Buoy/CMAN program in accordance with Para 3.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-17736</p>	1	QT	0.00	0.00	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) OA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0303BF	<p>Provide all labor to accomplish the Hurricane Buoy Deployments section of the Yellow Buoy/CMAN program in accordance with the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$88,287.92 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95020000.25130000.000000 \$ 60,859.78 PR #: NWWG9502-7-15041</p>	2	QT	30,429.89	60,859.78	
0304C	<p>The contractor shall provide all labor required to perform Tropical Atmosphere Ocean (TAO) in accordance with the SubCLINs listed below as they relate directly to tasks as specified in the attached Task Management Plan, Para 4.0. The Period of Performance for the following SubCLINs is 10/01/07 through 06/30/08.</p> <p>PR #: NWWG9502-7-17736</p>	1	EA	NSP	NSP	
0304CA	<p>Provide all labor to accomplish the Production and Integration of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$102,854.89 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E8M6JBD.PAB.85.040406001.20060000 95020000.25130000.000000</p> <p>PR #: NWWG9502-7-17736</p>	1	QT	0.00	0.00	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER 29 Jun 2007	CONTRACT NO. (if any) QA133005CO1035	ORDER NO. 0034
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ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0304CB	<p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-17736</p>	1	QT	0.00	0.00	
0304CC	<p>Incrementally fund TOS-34, CLIN 0304CC. Provide all labor to accomplish the Operational Engineering section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$154,037.81 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.84.060901002.20060000 95000000.25130000.000000 \$ 154,037.82 PR #: NWWG9502-7-17691</p>	3	QT	51,345.94	154,037.82	

# ORDER FOR SUPPLIES OR SERVICES - Continuation

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**IMPORTANT: Mark all packages and papers with contract and/or order numbers.**

DATE OF ORDER

CONTRACT NO. (if any)

ORDER NO.

29 Jun 2007

OA 133005CO1035

0034

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0304CD	Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.  COST PLUS FIXED FEE  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  PR #: NWWG9502-7-17736	1	QT	0.00	0.00	

Jan 14

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code Page of Pages 1 6

2. Amendment/Modification No. 0001 3. Effective Date Aug 13, 2007 4. Requisition/Purchase Req. No. 5. Project No. (if applicable)

5. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. CAREY 228-688-1705 7. Administered By (If other than Item 6) SEE BLOCK 6 Code

8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578 Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034 10B. Date (See Item 13) Jun 29, 2007

Code Facility Code 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required) \$ US 0.00

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A. B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b) C. This supplemental agreement is entered into pursuant to authority of: D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor. X is not, is required to sign this document and return copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to restructure all Cost Plus Fixed Fee CLINs. As a result of the restructure, the following changes are made: a. CLINs 0301XB, 0301XC, 0301XD, 0302AB, 0302AC, 0302AD, 0303BC, 0303BD, 0303BE, 0303BF, 0304CA, 0304CB, 0304CC, and 0304CD unit of issue reads "QTR" is hereby changed to read "JOB." b. CLINs 0301XB, 0301XD, 0302AC, 0303BD, and 0303BF quantity reads "2" is hereby changed to read "1." c. CLINs 0304CC quantity reads "3" is hereby changed to read "1."

2. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) 16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK 228 688-2382 Contracting Officer marilyn.clark@noaa.gov

15B. Contractor/Offeror 15C. Date Signed 16B. United States of America 16C. Date Signed Aug 14, 2007 (Signature of person authorized to sign) (Signature of Contracting Officer)

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XB	<p>Provide all labor to accomplish overall Operational Engineering for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$269,509.95 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	134,754.98	134,754.98
0301XC	<p>Provide all labor to accomplish overall Technical Refresh for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with further instructions as it becomes available. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	0.00	0.00
0301XD	<p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	36,500.00	36,500.00
0302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$491,924.38 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR</p>	1	JB	175,611.47	175,611.47

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AC	1984) Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$177,329.40 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)	1	JB	88,417.50	88,417.50
0302AD	Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)	1	JB	0.00	0.00
0303BC	Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$1,187,625.93 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)	1	JB	843,681.18	843,681.18
0303BD	Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$167,644.35 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)	1	JB	83,822.18	83,822.18
0303BE	Provide all labor to accomplish the Technical Refresh section of the Yellow Buoy/CMAN	1	JB	0.00	0.00

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BF	<p>program in accordance with Para 3.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Provide all labor to accomplish the Hurricane Buoy Deployments section of the Yellow Buoy/CMAN program in accordance with the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$88,287.92 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	60,859.78	60,859.78
0304CA	<p>Provide all labor to accomplish the Production and Integration of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$102,854.89 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	0.00	0.00
0304CB	<p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	0.00	0.00
0304CC	<p>Incrementally fund TOS-34, CLIN 0304CC. Provide all labor to accomplish the Operational Engineering section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p>	1	JB	154,037.82	154,037.82

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0304CD	<p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$154,037.81 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	0.00	0.00

Jan 2

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	4

2. Amendment/Modification No. 0002	3. Effective Date Aug 15, 2007	4. Requisition/Purchase Req. No. NWVG9502-7-18145	5. Project No. (if applicable)
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5. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. CAREY 228-688-1705	Code WG953023	7. Administered By (If other than Item 6) SEE BLOCK 6	Code
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3. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 10260 CAMPUS POINT DRIVE DUNS: 148095086 MAIL STOP G2 SAN DIEGO CA 921211578 CAGE: 0T5L1	(X)	9A. Amendment of Solicitation No.
		9B. Date (See Item 11)
	X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
		10B. Date (See Item 13) Jun 29, 2007

Code	Facility Code
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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
\$ US 1,996,194.40

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

C. This supplemental agreement is entered into pursuant to authority of:

X D. Other (Specify type of modification and authority)  
FAR 52.243-2 CHANGES COST REIMBURSEABLE

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

I. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

- The purpose of this modification is to incorporate new insert pages to the TMP, add funds to support vessel requirements and add additional work required, and to add incremental funding, as follows:
  - Pages TOC, 21, and Appendix E, dated 08/13/07, which constitute Change 1, are hereby inserted into TMP Version 1.0 dated 07/01/07, in order to accommodate additional work.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BONNIE BARNUM CONTRACTS REPRESENTATIVE	15B. Contractor/Offoror <i>Bonnie Barnum</i> (Signature of person authorized to sign)	15C. Date Signed 8/16/07	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov	16B. United States of America <i>Marilyn Clark</i> (Signature of Contracting Officer)	16C. Date Signed Aug 15, 2007 24
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- b. Additional funds to support vessel requirements for stations 42057, 42058, 41047, 41048, 41044, 41046, 41049, and 42060 on CLINs 0303BC and 0303BF and support for CLIN 0304CD, are hereby incorporated into this task order. As a result, the following changes are made:
- i. CLIN 0303BC is hereby changed from \$843,681.18, to \$1,103,005.94, reflecting an increase of \$259,324.76 on accounting line 1407E2KC4ACP0084060901003200600009502000025130000000000 \$60,324.76  
1407E8M6J11PK485040406001200600009502000025130000000000 \$124,000  
1407E2PS6U8PK484060901001200600009502000025130000000000 \$75,000
  - ii. CLIN 0303BF is hereby changed from \$60,859.78, to \$887,859.78, reflecting an increase of \$827,000.00 on accounting line 1407E2PS6U8PK484060901001200600009502000025130000000000 \$827,000
  - iii. CLIN 0304CD is hereby changed from \$0.00, to \$376,948.65, reflecting an increase of \$376,948.65 on accounting line 1407E2KC4CWP0084060901002200600009500000025130000000000 \$180,000  
1407E8R1DA1P1585030104000200600009500000025130000000000 \$196,948.65
- c. Incremental funding is hereby added to this task order to accommodate on-going work to be performed on the following CLINs:
- i. CLIN 0302AA is hereby changed from \$255,200.48, to \$380,886.15, reflecting an increase of \$125,685.67 on accounting line 1407E2MS6U6P5884040301017200600009502000025130000000000 \$125,685.67
  - ii. CLIN 0302AB is hereby changed from \$175,611.47, to \$262,132.83, reflecting an increase of \$86,521.36 on accounting line 1407E8M6JU9P5885040401033200600009502000025130000000000 \$86,521.36.
  - iii. CLIN 0304CA is hereby changed from \$0.00, to \$102,854.89, reflecting an increase of \$102,854.89 on accounting line 1407E8R1DA1P1585030104000200600009500000025130000000000 \$102,854.89
  - iv. CLIN 0304CB is hereby changed from \$0.00, to \$217,859.07, reflecting an increase of \$217,859.07 on accounting line 1407E8M6JU9P5885040401033200600009500000025130000000000 \$217,859.07

The above changes constitute a new Task Order funded value of \$5,244,698.21.

No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AA	<p>Provide all labor to accomplish the Production and Integration of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$546,846.01 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>PR #: NWWG9502-7-19593</p>	3	QT	126,962.05	380,886.15
0302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$491,924.38 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-18165</p>	1	JB	262,132.83	262,132.83
0303BC	<p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$1,250,608.43 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9520-7-21980</p>	1	JB	1,103,005.94	1,103,005.94

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BF	<p>Provide all labor to accomplish the Hurricane Buoy Deployments section of the Yellow Buoy/CMAN program in accordance with the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$1,060,967.66 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-22119</p>	1	JB	887,859.78	887,859.78
0304CA	<p>Provide all labor to accomplish the Production and Integration of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$102,854.89 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-19530</p>	1	JB	102,854.89	102,854.89
0304CB	<p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-20667</p>	1	JB	217,859.07	217,859.07

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
Q304CD	<p>Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 08/13/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$381,747.11 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-18145</p>	1	JB	376,948.65	376,948.65

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 4

2. Amendment/Modification No. 0003  
 3. Effective Date Sep 14, 2007  
 4. Requisition/Purchase Req. No. NWWG9502-7-20524  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By  
 NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPS53  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 AMANDA M. CAREY 228-688-1705  
 Code WG953023  
 7. Administered By (if other than Item 6) Code  
 SEE BLOCK 6

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. \_\_\_\_\_  
 9B. Date (See Item 11) \_\_\_\_\_  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007

Code \_\_\_\_\_ Facility Code \_\_\_\_\_  
 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 \$ US 1,024,700.45

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  
 A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 C. This supplemental agreement is entered into pursuant to authority of:  
 D. Other (Specify type of modification and authority)  
 FAR 52.243-1 CHANGES FIXED PRICE & FAR 52.243-2 CHANGES COST REIMBURSEMENT

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of this modification is to incorporate new insert pages to the TMP, add additional work required, and to add incremental funding, as follows:  
 a. Pages TOC, 1, 3, 5, 10, 16, 17, 22, 23, Appendix B-1, Appendix C and Appendix D, dated 09/05/07, which constitute Change 2, are hereby inserted into TMP Version 1.0 dated 07/01/07, in order to accommodate additional work.  
 b. Additional funds are hereby added to CLIN 0301XE for the purpose of the fabrication of three each of the three (3) meter hulls.  
 i. CLIN 0301XE is hereby changed from \$0.00, to \$102,045.62, reflecting an increase of \$102,045.62 on accounting line

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
 BONNIE BARNUM  
 CONTRACTS REPRESENTATIVE  
 16A. Name and title of Contracting Officer (Type or Print)  
 MARILYN CLARK  
 Contracting Officer  
 marilyn.clark@noaa.gov  
 228 688-2382

15B. Contractor/Officer  
 [Signature]  
 (Signature of person authorized to sign)  
 15C. Date Signed  
 9/14/07  
 16B. United States of America  
 [Signature]  
 (Signature of Contracting Officer)  
 16C. Date Signed  
 Sep 17, 2007

1407E8M6JU9P5885040401033200600009502000025130000000000 \$102,045.62

- c. Additional funds are hereby added to CLIN 0303BB to build 33 each TAO AMPS payloads and 66 each Yellow Buoy AMPS payloads.

i. CLIN 0303BB is hereby changed from \$144,928.12, to \$795,244.60, reflecting an increase of \$650,316.48 on accounting line

1407E2KC4CWP0084060901002200600009500000025130000000000 \$3,476.20

1407D2PS6U8P0036060901001200600009500000025130000000000 \$4,055.80

14074BM6T6TSNP0006040401005200600009500000025130000000000 \$13,000

140746M6AUDP0096040401005200600009500000025130000000000 \$167,416.48

1407E8M6JU9P5885040401033200600009500000025130000000000 \$462,368

- d. Additional funds are hereby added to CLIN 0303BE to provide Yellow Buoy Technical Refresh work.

i. CLIN 0303BE is hereby changed from \$0.00, to \$237,772.00, reflecting an increase of \$237,772.00 on accounting line

1407E8M6J11PK485040406001200600009502000025130000000000 \$62,771.81

1407E2KC4CWP0084060901002200600009502000025130000000000 \$175,000.19

- e. Incremental funding is hereby added to this task order to accommodate on-going work to be performed on the following CLIN:

i. CLIN 0303BC is hereby changed from \$1,103,005.94, to \$1,137,572.29, reflecting an increase of \$34,566.35 on accounting line

140746M6AUDP0096040401005200600009500000025130000000000 \$665.70

14074BM6T6TSNP0006040401005200600009500000025130000000000 \$5,946.27

1407E8M6JU9P5885040401033200600009502000025130000000000 \$27,954.38

2. The above changes constitute a new Task Order funded value of \$6,269,398.66.

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XE	<p>Provide all labor and materials to accomplish the price list described below. This price list will be used for all of the Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with the Task Management Plan (TMP). The performance period for this Subclin is 09/12/07 - 06/30/2008.</p> <p>Price List: 3 Meter Buoy Hull - [REDACTED]</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$102,045.62 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>PR #: NWWG9502-7-20524</p>	1	JB	102,045.62	102,045.62
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 09/10/2008.</p> <p>Price List: TAO AMP Board Sets - [REDACTED] Yellow Buoy AMP Board Sets - [REDACTED] TAO AMP Board Sets - [REDACTED] Yellow Buoy AMP Board Sets - [REDACTED]</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,044,809.78 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>PR #: NWWG9502-7-11719</p>	2	QT	397,622.30	795,244.60
0303BC	<p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$1,250,608.43 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-11719</p>	1	JB	1,137,572.29	1,137,572.29

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BE	<p>Provide all labor to accomplish the Technical Refresh section of the Yellow Buoy/CMAN program in accordance with Para 3.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$237,772.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>PR #: NWWG9502-7-19599</p>	1	JB	237,772.00	237,772.00

1234 L

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. Amendment/Modification No. 0004
3. Effective Date Sep 15, 2007
4. Requisition/Purchase Req. No. NWWG9502-7-24766
5. Project No. (If applicable)

6. Issued By NATIONAL DATA BUOY CENTER
RESOURCES BRANCH /W/OPS53
BUILDING 1100
STENNIS SPACE CENTER, MS 39529-6000
AMANDA M. CAREY 228-688-1705
7. Administered By (If other than Item 6) SEE BLOCK 6

8. Name and Address of Contractor (No., Street, County, and Zip Code)
SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157
10260 CAMPUS POINT DRIVE DUNS: 148095086
MAIL STOP G2 CAGE: 0T5L1
SAN DIEGO CA 921211578
9A. Amendment of Solicitation No.
9B. Date (See Item 11)
10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
10B. Date (See Item 13) Jun 29, 2007

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.

12. Accounting and Appropriation Data (if required)
See Schedule \$ US 197,175.08

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
C. This supplemental agreement is entered into pursuant to authority of:
D. Other (Specify type of modification and authority) FAR 52.243-1 CHANGES FIXED PRICE
E. IMPORTANT: Contractor [X] is not, is required to sign this document and return copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of the modification is to incorporate new insert pages into the TMP and incrementally fund this task order to accommodate on-going work to be performed on the following CLIN:
a. Pages Appendix C, page 2, page 4 and page 5, dated 09/14/07, which constitute Change 3, are hereby inserted into TMP Version 1.0 dated 07/01/07, in order to accommodate changes in the schedule.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BONNIE BARAN CONTRACTS REPRESENTATIVE
16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK 228 688-2382 Contracting Officer marilyn.clark@noaa.gov
15B. Contractor/Offeror (Signature of person authorized to sign)
15C. Date Signed 9/17/07
16B. United States of America (Signature of Contracting Officer)
16C. Date Signed Sep 17, 2007

b. CLIN 0303BB is hereby changed from \$795,244.60, to \$992,419.70, reflecting an increase of \$197,175.10 on accounting line

1407E2MS6U6P5884040301017200600009502000025130000000000 \$27,175.10

1407E8K6BMBP0085010301000200600009500000025130000000000 \$170,000

2. The above changes constitute a new Task Order funded value of \$6,466,573.76.

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>Price List:                      TAO AMP Board Sets - [REDACTED]                      Yellow Buoy AMP Board Sets - [REDACTED]                      [REDACTED]                      TAO AMP Board Sets - [REDACTED]                      Yellow Buoy AMP Board Sets - [REDACTED]                      [REDACTED]</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,044,809.78 with a maximum fee of [REDACTED] which is included in the funded amount.</p>	3	QT	330,806.56	992,419.68

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code  
Page 1 of Pages 3

Amendment/Modification No. 15  
3. Effective Date Sep 20, 2007  
4. Requisition/Purchase Req. No. NWWG9503-7-25753  
5. Project No. (if applicable)

Issued By  
REGIONAL DATA BUOY CENTER  
SOURCES BRANCH /W/OPS53  
BUILDING 1100  
ENNIS SPACE CENTER, MS 39529-6000  
MANDA M. CAREY 228-688-1705  
Code WG953023  
7. Administered By (If other than Item 6) SEE BLOCK 6  
Code

Name and Address of Contractor (No., Street, County, and Zip Code)  
SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
260 CAMPUS POINT DRIVE DUNS: 148095086  
MAIL STOP G2 CAGE: 0T5L1  
SAN DIEGO CA 921211578  
9A. Amendment of Solicitation No. (X)  
9B. Date (See Item 11)  
10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
10B. Date (See Item 13) Jun 29, 2007

Facility Code  
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer permitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

Accounting and Appropriation Data (if required)  
\$ US 152,385.68

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
- B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
- C. This supplemental agreement is entered into pursuant to authority of:
- D. Other (Specify type of modification and authority) FAR 52.232-22 Limitation of Funds

IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
The purpose of this modification is to incrementally fund CLIN(s) 0302AB and 0304CB.  
CLIN 0302AB is hereby changed from \$262,132.83, to \$387,818.51, reflecting an increase of \$125,685.68.  
Accounting: 1407E8M6JU9P5885040401033200600009502000025130000000000 \$125,685.68  
CLIN 0304CB is hereby changed from \$217,859.07, to \$244,559.07, reflecting an increase of \$26,700.  
Accounting: 1407E8M6J11PD585040406001200600009500000025130000000000 \$26,700  
The above changes constitute a new Task Order funded value of \$6,618,959.44.  
No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
MARILYN CLARK  
Contracting Officer  
marilyn.clark@noaa.gov  
16A. Name and title of Contracting Officer (Type or Print)  
MARILYN CLARK  
Contracting Officer  
marilyn.clark@noaa.gov  
228 688-2382

15B. Contractor/Offeror  
15C. Date Signed  
16B. United States of America  
16C. Date Signed  
Sep 20, 2007  
(Signature of person authorized to sign)  
(Signature of Contracting Officer)

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$491,924.38 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	387,818.51	387,818.51
304CB	<p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	244,559.07	244,559.07

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 3

2. Amendment/Modification No. 0006  
 3. Effective Date Nov 21, 2007  
 4. Requisition/Purchase Req. No. NWWG9502-8-28446  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By Code WG953023  
 NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPS53  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 AMANDA M. PERKINS 228-688-1705  
 7. Administered By (If other than Item 6) Code  
 SEE BLOCK 6

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2  
 SAN DIEGO CA 921211578 CAGE: 0T5L1  
 (X) 9A. Amendment of Solicitation No.  
 9B. Date (See Item 11)  
 X 10A. Modification of Contract/Order No.  
 QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13)  
 Jun 29, 2007  
 Code Facility Code

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 \$ US 72,000.00

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)  
 C. This supplemental agreement is entered into pursuant to authority of:  
 X D. Other (Specify type of modification and authority)  
 FAR 52.243-1 CHANGES FIXED PRICE & FAR 52.243-2 CHANGES COST REIMBURSEMENT  
 E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to incorporate new insert pages to the TMP, and to add incremental funding, as follows:

a. Pages 8, 15, 20, and Appendix C (page 3), dated 10/30/07, which constitute Change 4, are hereby inserted into TMP Version 1.0 dated 07/01/07.

b. Incremental funding is hereby added to this task order to accommodate on-going work to be performed on the following CLIN:

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BONNIE BARNUM CONTRACTS REPRESENTATIVE	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov 228 688-2382
15B. Contractor/Offeror Bonnie Barnum (Signature of person authorized to sign)	15C. Date Signed 11/27/07
16B. United States of America Marilyn Clark (Signature of Contracting Officer)	16C. Date Signed Nov 21, 2007

i. CLIN 0301XD is hereby changed from \$36,500.00, to \$48,500.00, reflecting an increase of \$12,000.00 on accounting line

1408F8M6J11PK483040406001200600009502000025130000000000 \$12,000

ii. CLIN 0303BD is hereby changed from \$83,822.18, to \$143,822.18, reflecting an increase of \$60,000.00 on accounting line

1408F8M6J11PK483040406001200600009502000025130000000000 \$60,000

2. The above changes constitute a new Task Order funded value of \$6,690,959.44.

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

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**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XD	<p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	48,500.00	48,500.00
0303BD	<p>Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$167,644.35 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	143,822.18	143,822.18

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page	of Pages
	1	3

2. Amendment/Modification No. 0007	3. Effective Date Dec 5, 2007	4. Requisition/Purchase Req. No.	5. Project No. (If applicable)
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6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 AMANDA M. PERKINS 228-688-1705	Code WG953023	7. Administered By (If other than Item 6) SEE BLOCK 6	Code
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8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 10260 CAMPUS POINT DRIVE DUNS: 148095086 MAIL STOP G2 SAN DIEGO CA 921211578 CAGE: 0T5L1	(X)	9A. Amendment of Solicitation No.
		9B. Date (See Item 11)
	X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
		10B. Date (See Item 13) Jun 29, 2007

Code	Facility Code
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### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
\$ US 0.00

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (X) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
- B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
- C. This supplemental agreement is entered into pursuant to authority of:
- X D. Other (Specify type of modification and authority)  
FAR 52.243-2 CHANGES COST REIMBURSEMENT

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

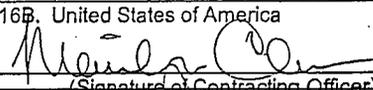
14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of the modification is to incorporate new insert pages into the TMP to accommodate on-going work being performed on CLIN 0304CD:

a. Appendix E, page 4 and page 10, dated 11/27/07, which constitute Change 5, are hereby inserted into TMP Version 1.0 dated 07/01/07, in order to accommodate changes in the schedule.

2. The funded value of this Task Order is \$6,690,959.44.

b. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK 228 688-2382 Contracting Officer marilyn.clark@noaa.gov
15B. Contractor/Offeror  (Signature of person authorized to sign)	15C. Date Signed
	16B. United States of America  (Signature of Contracting Officer)
	16C. Date Signed Dec 5, 2007

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0304CD	<p>Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 08/13/07 - 06/30/2008.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$381,747.11 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	376,948.65	376,948.65

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code Page 1 of Pages 6

2. Amendment/Modification No. 0008 3. Effective Date Jan 1, 2008 4. Requisition/Purchase Req. No. NWWG9502-8-30761 5. Project No. (if applicable)

6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 MARILYN CLARK 228 688-2382 Code WG953023 7. Administered By (If other than Item 6) SEE BLOCK 6 Code

8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 10260 CAMPUS POINT DRIVE DUNS: 148095086 MAIL STOP G2 SAN DIEGO CA 921211578 CAGE: 0T5L1 (X) 9A. Amendment of Solicitation No. 9B. Date (See Item 11) X 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034 10B. Date (See Item 13) Jun 29, 2007 Code Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required) See Schedule \$ US 1,352,651.45

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A. B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b) C. This supplemental agreement is entered into pursuant to authority of: D. Other (Specify type of modification and authority) FAR 52.243-1, Changes-Fixed Price and FAR 52.243-2, Changes-Cost Reimbursement X.

E. IMPORTANT: Contractor X is not, is required to sign this document and return copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Attached Sheet

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) 16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK 228 688-2382 Contracting Officer marilyn.clark@noaa.gov

B. Contractor/Offeror 15C. Date Signed 16B. United States of America 16C. Date Signed Jan 29, 2008 (Signature of person authorized to sign) (Signature of Contracting Officer)

Continuation of Block 14, SF 30:

1. The purpose of this modification is to incorporate TMP 34, Version 1, Change 6, dated January 14, 2008, change the performance period on all CLINs from 07/01/2007 – 06/30/2008 to 07/01/2007 – 06/30/2010, change the Units of Measure, and to incrementally fund the following CLINs:

a. CLIN 0301XA is changed from "2 QT" to "1 JB," and is changed from \$710,554.56 to \$1,117,293.70, reflecting an increase of \$406,739.14. Acct Code:  
14.08.F8M6J11.PK4.83.040406001.2006000095020000.25130000.000000 \$406,739.14.

b. CLIN 0301XB is changed from \$134,754.98 to \$202,132.47, reflecting an increase of \$67,377.49. Acct Code:  
14.08.F8M6J11.PK4.83.040406001.2006000095020000.25130000.000000 \$67,377.49.

c. CLIN 0301XD is changed from \$48,500.00 to \$54,750.00, reflecting an increase of \$6,250.00. Acct Code:  
14.08.F8M6J11.PK4.83.040406001.2006000095020000.25130000.000000 \$6,250.00.

d. CLIN 0302AA is changed from "3 QT" to "1 JB," and is changed from \$380,886.15 to \$546,846.01, reflecting an increase of \$165,959.86. Acct Code:  
14.08.F8M6JU9.P58.83.040401033.2006000095020000.25130000.000000 \$165,959.86.

e. CLIN 0302AB is changed from \$387,818.51 to \$491,923.94, reflecting an increase of \$104,105.43. Acct Code:  
14.08.F8M6JU9.P58.83.040401033.2006000095020000.25130000.000000 \$104,105.43.

f. CLIN 0302AC is changed from \$88,417.50 to \$177,329.40, reflecting an increase of \$88,911.90. Acct Code:  
14.08.F8M6JU9.P58.83.040401033.2006000095020000.25130000.000000 \$88,911.90.

g. CLIN 0303BA is changed from "2 QT" to "1 JB," and is changed from \$560,135.74 to \$853,934.50, reflecting an increase of \$293,798.76. Acct Code:  
14.08.F8M6J11.PK4.83.040406001.2006000095020000.25130000.000000 \$293,798.76.

h. CLIN 0304CB is changed from \$244,559.07 to \$459,269.48, reflecting an increase of \$214,710.41. Acct Code:  
14.08.F8M6J11.PD5.83.040406001.2006000095000000.25130000.000000 \$214,710.41.

i. CLIN 0304CD is changed from \$376,948.65 to \$381,747.11, reflecting an increase of \$4,798.46. Acct Code:  
14.08.F8M6J11.PD5.83.040406001.2006000095000000.25130000.000000 \$4,798.46.

2. As a result of the above changes, the new *Funded* dollar value of this task order is changed from \$6,690,959.44 to \$8,043,610.89, reflecting an increase of \$1,352,651.45. The total *Negotiated* dollar value remains \$9,087,316.39.

Continuation of Block 14, SF 30:

3. No other changes are made this time, all other terms and conditions remain the same and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XA	<p>Provide all labor to accomplish Management Oversight of all Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.1 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$1,524,152.06 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 406,739.14                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 710,554.56                      PR #: NWWG9502-8-30761                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	1,117,293.70	1,117,293.70
0301XB	<p>Provide all labor to accomplish overall Operational Engineering for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$269,509.95 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 67,377.49                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 134,754.98                      PR #: NWWG9502-8-30761                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER</p>	1	JB	202,132.47	202,132.47

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XD	<p>ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 18,250.00                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 36,500.00                      PR #: NWWG9502-8-30761                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	54,750.00	54,750.00
0302AA	<p>Provide all labor to accomplish the Production and Integration of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$546,846.01 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.07.E2MS6U6.P58.0084.040301017.200600009                      5020000.25130000.000000                      US\$ 125,685.67                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 165,959.86                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000</p>	1	JB	546,846.01	546,846.01

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AB	<p>US\$ 255,200.48                      PR #: NWWG9502-8-30995                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$491,924.38 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000.                      US\$ 104,105.43                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 387,818.51                      PR #: NWWG9502-8-30997                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	491,923.94	491,923.94
0302AC	<p>Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$177,329.40 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	177,329.40	177,329.40
Accounting and Appropriation Data:					

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BA	<p>14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000 US\$ 88,417.50 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 88,911.90 PR #: NWWG9502-8-31019 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p> <p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,042,797.46 with a maximum fee of [REDACTED], which is included in the funded amount.</p>	1	JB	853,934.50	853,934.50
0304CB	<p>Accounting and Appropriation Data: 14.08.F8M6J11.PK4.0083.040406001.2006000095 020000.25130000.000000 US\$ 293,798.76 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 560,135.74 PR #: NWWG9502-8-30759 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p> <p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	459,269.48	459,269.48
Accounting and Appropriation Data:					

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0304CD	<p>14.07.E8M6J11.PD5.0085.040406001.2006000095 000000.25130000.000000 US\$ 26,700.00</p> <p>14.08.F8M6J11.PD5.0083.040406001.2006000095 000000.25130000.000000 US\$ 214,710.41</p> <p>14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 217,859.07</p> <p>PR #: NWWG9502-8-28294 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p> <p>Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 08/13/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$381,747.11 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.08.F8M6J11.PD5.0083.040406001.2006000095 000000.25130000.000000 US\$ 4,798.46</p> <p>14.07.E2KC4CW.P00.0084.060901002.200600009 5000000.25130000.000000 US\$ 180,000.00</p> <p>14.07.E8R1DA1.P15.0085.030104000.2006000095 000000.25130000.000000 US\$ 196,948.65</p> <p>PR #: NWWG9502-8-28295 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p>	1	JB	381,747.11	381,747.11

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. Amendment/Modification No. 0009  
 3. Effective Date Mar 13, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-34143  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER  
 PROCUREMENT TEAM  
 BLDG 1007  
 STENNIS SPACE CENTER, MS 39529-6000  
 MARILYN CLARK 228 688-2382  
 Code WG950025  
 7. Administered By (if other than Item 6). SEE BLOCK 6  
 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. (X)  
 9B. Date (See Item 11)  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007  
 Code \_\_\_\_\_ Facility Code \_\_\_\_\_

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 145,046.82

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 X C. This supplemental agreement is entered into pursuant to authority of:  
 FAR 52.243-2 Changes, Cost Reimbursement  
 D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.  
 Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to change the funding allotted to CLIN 0302AB to cover additional work required as a result of an equitable adjustment, as follows:

CLIN 0302AB is hereby additionally funded in the amount of \$145,046.82, bringing the total amount of this CLIN a fully funded value of \$636,970.76.

In consideration of the modification agreed to herein as complete and equitable adjustments for the Contractor's Additional Work Required to Fullfill Mission Accomplishment of DART Buoy Deployment Proposal for Adjustment,

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. Name and Title of Signer (Type or Print)  
 BONNIE BARAN  
 CONTRACTS REPRESENTATIVE  
 16A. Name and title of Contracting Officer (Type or Print)  
 MARILYN CLARK  
 Contracting Officer  
 marilyn.clark@noaa.gov  
 228 688-2382

Contractor/Offeror *Bonnie Baran*  
 (Signature of person authorized to sign)  
 15C. Date Signed 3/14/08  
 16B. United States of America  
*Marilyn Clark*  
 (Signature of Contracting Officer)  
 16C. Date Signed Mar 17, 2008

the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the proposal for adjustment.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$636,970.76 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 249,152.25                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 387,818.51                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	636,970.76	636,970.76

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 5

2. Amendment/Modification No. 0010  
 3. Effective Date Mar 14, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-35036  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER  
 PROCUREMENT TEAM  
 BLDG 1007  
 STENNIS SPACE CENTER, MS 39529-6000  
 MARILYN CLARK 228 688-2382  
 Code WG950025  
 7. Administered By (If other than Item 6) SEE BLOCK 6  
 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. \_\_\_\_\_  
 9B. Date (See Item 11) \_\_\_\_\_  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007

Code \_\_\_\_\_ Facility Code \_\_\_\_\_  
 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 0.00  
 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.)  
 X Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 C. This supplemental agreement is entered into pursuant to authority of:  
 D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of this modification is to change a variety of codes within the Accounting strings on the CLINs listed below:  
 CLINs 0301XA, 0301XB, 0301XD, 0303BA, 0303BD, 0304CB, and 0304CD,  
 2. No other changes are made at this time, all other terms and conditions remain the same and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) MARILYN CLARK 228 688-2382  
 Contracting Officer  
 marilyn.clark@noaa.gov

15B. Contractor/Offeror \_\_\_\_\_ 15C. Date Signed \_\_\_\_\_ 16B. United States of America  
 (Signature of person authorized to sign) \_\_\_\_\_ (Signature of Contracting Officer) \_\_\_\_\_  
 16C. Date Signed Mar 14, 2008

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XA	<p>Provide all labor to accomplish Management Oversight of all Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.1 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,524,152.06 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 96,333.11                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 310,406.03                      14.07.E2KC4CW.P00.0084.060901002.2006000009                      5020000.25130000.000000                      US\$ 710,554.56                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	1,117,293.70	1,117,293.70
0301XB	<p>Provide all labor to accomplish overall Operational Engineering for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$269,509.95 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      \$ 67,377.49                      14.07.E2KC4CW.P00.0084.060901002.2006000009                      5020000.25130000.000000</p>	1	JB	202,132.47	202,132.47

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XD	<p>\$ 134,754.98                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 6,508.74                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 11,741.26                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 36,500.00                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	54,750.00	54,750.00
303BA	<p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,042,797.46 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000</p>	1	JB	853,934.50	853,934.50

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BD	<p>US\$ 67,967.39                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 225,831.37                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 560,135.74                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	143,822.18	143,822.18
	<p>Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$167,644.35 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>				
	<p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 20,138.68                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 39,861.32                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 83,822.18                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>				
0404CB	<p>Provide all labor to accomplish the Field Service section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$459,269.48 with a maximum fee of [REDACTED] which is included in the funded amount.</p>	1	JB	459,269.48	459,269.48
	<p>FAR 52.232-22 LIMITATION OF FUNDS (APR</p>				

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
J304CD	<p>1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PD5.0083.040406001.2006000095                      000000.25130000.000000</p> <p>14.07.E8M6J11.PD5.0085.040406001.2006000095                      000000.25130000.000000                      \$ 26,700.00</p> <p>14.08.F8M5J14.PD5.0083.040401005.2006000095                      000000.25130000.000000                      \$ 214,710.41</p> <p>14.07.E8M6JU9.P58.0085.040401033.2006000095                      000000.25130000.000000                      \$ 217,859.07</p> <p>DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Technical Refresh section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 08/13/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$381,747.11 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PD5.0083.040406001.2006000095                      000000.25130000.000000</p> <p>14.08.F8M5J14.PD5.0083.040401005.2006000095                      000000.25130000.000000                      \$ 4,798.46</p> <p>14.07.E2KC4CW.P00.0084.060901002.2006000095                      5000000.25130000.000000                      \$ 180,000.00</p> <p>14.07.E8R1DA1.P15.0085.030104000.2006000095                      000000.25130000.000000                      \$ 196,948.65</p> <p>DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	381,747.11	381,747.11

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. Amendment/Modification No. 0011  
 3. Effective Date Apr 3, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-35174  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER  
 PROCUREMENT TEAM  
 BLDG 1007  
 STENNIS SPACE CENTER, MS 39529-6000  
 MARILYN CLARK 228 688-2382  
 Code WG950025  
 7. Administered By (If other than Item 6) SEE BLOCK 6  
 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2  
 SAN DIEGO CA 921211578 CAGE: 0T5L1  
 9A. Amendment of Solicitation No. (X)  
 9B. Date (See Item 11)  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007  
 X

Code \_\_\_\_\_ Facility Code \_\_\_\_\_  
 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 894,399.30

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
- B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
- X C. This supplemental agreement is entered into pursuant to authority of:  
 FAR 52.243-1 and 52.243-2, Changes - Fixed Price and Cost Reimbursement
- D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

I. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incrementally fund the following Contract Line Items in the amounts shown:  
 a. CLIN 0301XA is increased by \$406,858.40 bringing the total amount of this FFP CLIN to the negotiated value of 1,524,152.10.  
 b. CLIN 0301XD is increased by \$18,250.00 bringing the total amount of this CPFF CLIN to the negotiated estimate of \$73,000.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
 BONNIE BARNUM  
 CONTRACTS REPRESENTATIVE  
 16A. Name and title of Contracting Officer (Type or Print)  
 MARILYN CLARK 228 688-2382  
 Contracting Officer  
 marilyn.clark@noaa.gov

15. Date Signed 4/3/08  
 16B. United States of America  
 (Signature of Contracting Officer)  
 16C. Date Signed 4-4-08  
 (Signature of person authorized to sign)

c. CLIN 0303BB is increased by \$83,575.07 for the purpose of fabricating seven (7) each 3-Meter racks in accordance with SAIC and Govt agreement by Letter dated 02/01/08. This action changes the previously negotiated FFP to a new negotiated FFP of \$1,075,994.79.

d. 0303BC is increased by \$385,715.83 for the purpose of added ship support for service and deployment, and to bring the funded amount to a new negotiated estimate of \$1,378,135.53. A total of \$272,679.73 for the added ship support and a total of \$113,036.10 for the incremental funding. *remove statement.*

2. The above changes constitute a total increase of \$894,399.30. Financial ACCS details are shown on Schedule B of this Modification.

3. No other changes are made at this time. All other terms and conditions remain the same and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XA	<p>Provide all labor to accomplish Management Oversight of all Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.1 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,524,152.06 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 96,333.11                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 310,406.03                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 406,858.40                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 710,554.56                      PR #: NWWG9502-8-35174                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	1,524,152.10	1,524,152.10
0301XD	<p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$73,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 6,508.74                      14.08.F8M5J14.PK4.0083.040401005.2006000095</p>	1	JB	73,000.00	73,000.00

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BB	<p>020000.25130000.000000                      US\$ 11,741.26                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 18,250.00                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 36,500.00                      PR #: NWWG9502-8-35179                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>Price List:                      TAO AMP Board Sets - [REDACTED]                      Yellow Buoy AMP Board Sets - [REDACTED]                      [REDACTED]                      TAO AMP Board Sets - [REDACTED]                      [REDACTED]                      Yellow Buoy AMP Board Sets - [REDACTED]                      [REDACTED]                      3-Meter Modular Rack - [REDACTED]                      [REDACTED]</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,075,994.79 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5000000.25130000.000000                      US\$ 3,476.20                      14.07.D2PS6U8.P00.0036.060901001.2006000095                      000000.25130000.000000                      US\$ 4,055.80                      14.07.4BM6TSN.P00.0006.040401005.200600009                      5000000.25130000.000000                      US\$ 13,000.00                      14.07.E2MS6U6.P58.0084.040301017.200600009                      5020000.25130000.000000                      US\$ 27,175.08                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 83,575.07                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 144,928.12                      14.07.46M6AUD.P00.0096.040401005.200600009                      5000000.25130000.000000</p>	1	JB	1,075,994.75	1,075,994.75

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BC	<p>US\$ 167,416.48                      14.07.E8K6BMB.P00.0085.010301000.200600009                      5000000.25130000.000000                      US\$ 170,000.00                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      000000.25130000.000000                      US\$ 462,368.00                      PR #: NWWG9502-8-32678                      DELIVERY DATE: 06/30/2008                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$1,523,288.12 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.46M6AUD.P00.0096.040401005.200600009                      5000000.25130000.000000                      US\$ 665.70                      14.07.4BM6TSN.P00.0006.040401005.200600009                      5000000.25130000.000000                      US\$ 5,946.27                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 22,500.00                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 27,954.38                      14.07.4RM6JHC.PMM.0007.040401005.20060000                      95020000.25130000.000000                      US\$ 42,800.00                      14.07.4RM6J00.PMM.0007.040401005.200600009                      5020000.25130000.000000                      US\$ 54,700.00                      14.07.E2KC4AC.P00.0084.060901003.200600009                      5020000.25130000.000000                      US\$ 60,324.76                      14.07.E8K3BCL.P11.0085.010102020.200600009                      5010000.25130000.000000                      US\$ 70,000.00                      14.07.E2PS6U8.PK4.0084.060901001.2006000095                      020000.25130000.000000                      US\$ 75,000.00                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000</p>	1	JB	1,523,288.12	1,523,288.12

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 385,715.83 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 777,681.18 PR #: NWWG9502-8-28333 DELIVERY DATE: 06/29/2007 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination				

# AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 4

2. Amendment/Modification No. 0012	3. Effective Date Apr 4, 2008	4. Requisition/Purchase Req. No. NWWG9502-8-36527	5. Project No. (if applicable)
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 MARILYN CLARK 228 688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	

8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORPO 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578	Vendor ID: 00004157	(X)	9A. Amendment of Solicitation No.
	DUNS: 148095086		9B. Date (See Item 11)
	CAGE: OTSL1	X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
			10B. Date (See Item 13) Jun 29, 2007

Code \_\_\_\_\_ Facility Code \_\_\_\_\_

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 225,756.24

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of: FAR 52-243-1 and 243-2, Changes-Fixed Price and Cost Reimbursement

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

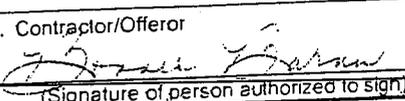
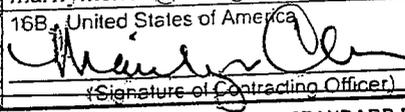
1. The purpose of this modification is to decrease the funded dollar amount on CLIN 0303BA and increase the funding on CLIN 0303BB. Also to incrementally fund CLIN 0303BD as follows:

a. CLIN 0303BA is decreased by \$23,763.00 for a new funded total of \$830,171.50.

b. CLIN 0303BB is increased by \$180,697.00 for a new funded total of \$1,256,691.75.

c. CLIN 0303BD is increased by \$68,822.20 for a new funded total of \$212,644.38.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov	228 688-2382
15B. Contractor/Officer  (Signature of person authorized to sign)	15C. Date Signed	16B. United States of America  (Signature of Contracting Officer)
		16C. Date Signed Apr 4, 2008

2. The above changes constitute a total increase of \$225,756.20. Financial ACCS details are shown on Schedule B of this modification.

3. No other changes are made at this time. All other terms and conditions remain the same and in full effect.

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**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BA	<p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,019,034.46 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 67,967.39                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 202,068.37                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 560,135.74                      PR #: NWWG9502-8-36527                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	830,171.50	830,171.50
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>See TMP Deliverable List for details</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,256,691.75 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5000000.25130000.000000                      US\$ 3,476.20                      14.07.D2PS6U8.P00.0036.060901001.2006000095                      000000.25130000.000000                      US\$ 4,055.80                      14.07.4BM6TSN.P00.0006.040401005.200600009                      5000000.25130000.000000                      US\$ 13,000.00                      14.07.E2MS6U6.P58.0084.040301017.200600009                      5020000.25130000.000000                      US\$ 27,175.08</p>	1	JB	1,256,691.75	1,256,691.75

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
303BD	<p>14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 144,928.12</p> <p>14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 167,416.48</p> <p>14.07.E8K6BMB.P00.0085.010301000.200600009 5000000.25130000.000000 US\$ 170,000.00</p> <p>14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 264,272.07</p> <p>14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 462,368.00</p> <p>PR #: NWWG9502-8-36527 DELIVERY DATE: 06/30/2008 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p> <p>Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$212,644.38 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.08.F8M6J11.PK4.0083.040406001.2006000095 020000.25130000.000000 US\$ 20,138.68</p> <p>14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 83,822.18</p> <p>14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 108,683.52</p> <p>PR #: NWWG9502-8-35186 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p>	1	JB	212,644.38	212,644.38

2. Amendment/Modification No. 0013	3. Effective Date Apr 24, 2008	4. Requisition/Purchase Req. No. NWWG9502-8-36475	5. Project No. (if applicable)
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6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 MARILYN CLARK 228 688-2382	Code WG953023	7. Administered By (If other than Item 6) SEE BLOCK 6
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8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 10260 CAMPUS POINT DRIVE DUNS: 148095086 MAIL STOP G2 CAGE: 0T5L1 SAN DIEGO CA 921211578	(X)	9A. Amendment of Solicitation No.
		9B. Date (See Item 11)
	X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
		10B. Date (See Item 13) Jun 29, 2007

Code Facility Code

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 876,970.86

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A.	This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
B.	The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
X	C. This supplemental agreement is entered into pursuant to authority of: FAR 52.243-2, Changes, Cost Reimbursement
D.	Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

4. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase funding, and to incrementally fund the following CLINS as a result of new work incorporated by TMP 34, Version 1, Change 7, dated 4/23/2008, which is hereby incorporated into this task Order. As a result of these changes, the following changes are hereby made to the CLINS shown below:

- a. CLIN 0302AD is increased by \$300,000.00 to support the DART Data Management Plan effort to the DART Technical Refresh work.
- b. CLIN 0303BA is increased by \$188,862.96 to bring the total Negotiated Value of this CLIN to its end state.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) BOONIE BARNUM CONTRACT REPRESENTATIVE	16A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK 228 688-2382 Contracting Officer marilyn.clark@noaa.gov
15B. Contractor/Officer <i>[Signature]</i> (Signature of person authorized to sign)	16B. United States of America <i>[Signature]</i> (Signature of Contracting Officer)
15C. Date Signed 4/30/08	16C. Date Signed Apr 30, 2008

c. CLIN 0303BC is increased by \$388,107.90 to support ongoing Field Service efforts that have been added by referenced TMP Changes.

The above changes constitute a total increase of \$876,970.86. The total funded amount of this Task Order is changed to \$10,185,784.09.

3. This modification also serves to correct Modification 0011, Paragraph 1d, to remove the portion that states "...and to bring the funded amount to a new negotiated estimate of \$1,378,135.53."

4. No other changes are made at this time. All other terms and conditions remain the same and in full effect.

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**SCHEDULE**

Item No.	Supplies/Service	Quantity	Unit	Unit Price	Amount
0302AD	<p>Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The total negotiated amount of this SubCLIN is \$343,177.09 with a maximum fixed fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J09.P58.0083.040401033.2006000095                      020000.25130000.000000                      USS 300,000.00                      PR #: NWWG9502-8-36475                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	300,000.00	300,000.00
0303BA	<p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$1,019,034.46 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      USS 67,967.39                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      USS 390,931.33                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      USS 560,135.74                      PR #: NWWG9502-8-36796                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202</p>	1	JB	1,019,034.46	1,019,034.46

SCHEDULE

Item No.	Supplies/Service	Quantity	Unit	Unit Price	Amount
0303BC	<p>STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$2,362,646.02 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.46M6AUD.P00.0096.040401005.200600009                      5000000.25130000.000000                      US\$ 665.70                      14.07.4BM6TSN.P00.0006.040401005.200600009                      5000000.25130000.000000                      US\$ 5,946.27                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 22,500.00                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 27,954.38                      14.07.4RM6JHC.PMM.0007.040401005.20060000                      95020000.25130000.000000                      US\$ 42,800.00                      14.07.4RM6J00.PMM.0007.040401005.200600009                      5020000.25130000.000000                      US\$ 54,700.00                      14.07.E2KC4AC.P00.0084.060901003.200600009                      5020000.25130000.000000                      US\$ 60,324.76                      14.07.E8K3BCL.P11.0085.010102020.200600009                      5010000.25130000.000000                      US\$ 70,000.00                      14.07.E2PS6U8.PK4.0084.060901001.2006000095                      020000.25130000.000000                      US\$ 75,000.00                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 773,823.73                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 777,681.18                      PR #: NWWG9502-8-37457                      DELIVERY DATE: 06/29/2007                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p>	1	JB	1,911,396.02	1,911,396.02



# AMENDMENT OF SOLICITATION / MODIFICATION OF CONTRACT

Contract ID Code \_\_\_\_\_ Page 1 of Pages 8

2. Amendment/Modification No. 0014	3. Effective Date May 30, 2008	4. Requisition/Purchase Req. No. NWWG9502-8-39107	5. Project No. (if applicable) Code
6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 MARILYN CLARK 228 688-2382		7. Administered By (If other than Item 6) SEE BLOCK 6	
8. Name and Address of Contractor (No., Street, County, and Zip Code)  SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 10260 CAMPUS POINT DRIVE DUNS: 148095086 MAIL STOP G2 CAGE: 0T5L1 SAN DIEGO CA 921211578		(X)	9A. Amendment of Solicitation No.
			9B. Date (See Item 11)
		X	10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034
			10B. Date (See Item 13) Jun 29, 2007
Code	Facility Code		

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 381,855.06

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set forth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:  
FAR 52.243-1, Changes-FFP and 52.243-2, Changes-CR

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 3 copies to the issuing office.

Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase funding on 5 CLINs and to incorporate TMP 34, Version 1, Change dated 8 May 08, as follows:

a. CLIN 0301XD is increased \$15,000.00 to accommodate a surge in communications usage. This CPFF CLIN is changed from \$73,000.00 to \$88,000.00, a difference is \$15,000.00. Accounting data:  
08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000 \$15,000.00.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. Name and Title of Signer (Type or Print) MARILYN CLARK Contracting Officer marilyn.clark@noaa.gov	15A. Name and title of Contracting Officer (Type or Print) MARILYN CLARK Contracting Officer 228 688-2382
5B. Contractor/Offeror 	15C. Date Signed 5/30/08
	16B. United States of America 
	16C. Date Signed May 30, 2008

b. CLIN 0302AB is increased by \$137,591.96 to accommodate the increase in field services performed and an increase in the personnel on ship to provide services. This CPFF CLIN is changed from \$636,970.76 to \$774,562.72, a difference of \$137,591.96. Accounting data:  
1408.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000 \$137,591.96.

c. CLIN 0302AC is decreased by \$88,911.90. These funds are rolled into CLIN 0302AB as shown above and are a portion of the \$137,591.96. Accounting data:  
1408.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000 -\$88,911.90.

d. CLIN 0303BB is increased by \$35,175.00 for 7 each Directional Waves Integrations in accordance with changes to TMP 34, Version 1, Change 8, incorporated via this Modification. This CPFF CLIN is increased from \$1,256,691.77 to \$1,291,866.77, a difference of \$35,175.00. Accounting data:  
1408.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000 \$35,175.00.

e. CLIN 0303BC is increased by \$140,000.00 to provide vessel support to service station 41043 and recover/re-set station 41046. This CPFF CLIN is increased from \$1,911,396.02 to \$2,051,396.02, a difference of \$140,000.00. Accounting data: 1408.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000 \$140,000.00

f. CLIN 0304CA is increased by \$143,000.00 to support ongoing TAO Production/Integration taskings. This CPFF CLIN is increased from \$102,854.89 to \$245,854.89, a difference of \$143,000.00. Accounting data:  
1408.F8M6JU9.P58.0083.040401033.2006000095000000.25130000.000000 \$143,000.00.

No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XD	<p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$88,000.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:            14.08.F8M6J11.PK4.0083.040406001.2006000095            020000.25130000.000000            US\$ 6,508.74            14.08.F8M5J14.PK4.0083.040401005.2006000095            020000.25130000.000000            US\$ 11,741.26            14.08.F8M8JDB.PAB.0083.040401010.200600009            5020000.25130000.000000            US\$ 15,000.00            14.08.F8M6JU9.P58.0083.040401033.2006000095            020000.25130000.000000            US\$ 18,250.00            14.07.E2KC4CW.P00.0084.060901002.200600009            5020000.25130000.000000            US\$ 36,500.00            PR #: NWWG9502-8-39107            DELIVERY DATE: 06/30/2010            SHIP TO:            NATIONAL DATA BUOY CENTER            ATTN: PROPERTY OFFICER            BUILDING 3202            STENNIS SPACE CENTER, MS 39529-6000            FOB: Destination</p>	1	JB	88,000.00	88,000.00
02AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The negotiated amount of this SubCLIN is \$774,562.72 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	774,562.72	774,562.72

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AC	<p>Accounting and Appropriation Data:                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 386,744.21                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 387,818.51                      PR #: NWWG9502-8-39432                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$188417.5 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	88,417.50	88,417.50
03BB	<p>Accounting and Appropriation Data:                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 88,417.50                      PR #: NWWG9502-8-39432                      DELIVERY DATE: 06/30/2010                      SHIP TO:                      NATIONAL DATA BUOY CENTER                      ATTN: PROPERTY OFFICER                      BUILDING 3202                      STENNIS SPACE CENTER, MS 39529-6000                      FOB: Destination</p> <p>Provide all labor to accomplish the Optional RJTs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>See TMP Deliverable List for details</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$1,291,866.75 with a maximum fee of [REDACTED] which is included in the funded amount.</p>	1	JB	1,291,866.75	1,291,866.75
Accounting and Appropriation Data:					

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	14.07.E2KC4CW.P00.0084.060901002.200600009 5000000.25130000.000000 US\$ 3,476.20 14.07.D2PS6U8.P00.0036.060901001.2006000095 000000.25130000.000000 US\$ 4,055.80 14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 13,000.00 14.07.E2MS6U6.P58.0084.040301017.200600009 5020000.25130000.000000 US\$ 27,175.08 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 35,175.00 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 144,928.12 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 167,416.48 14.07.E8K6BMB.P00.0085.010301000.200600009 5000000.25130000.000000 US\$ 170,000.00 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 264,272.07 14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 462,368.00 PR #: NWWG9502-8-35735 DELIVERY DATE: 06/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination				
03BC	Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$2,362,646.02 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  Accounting and Appropriation Data: 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 665.70	1	JB	2,051,396.02	2,051,396.02
	14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000				

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 5,946.27 14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 22,500.00 14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000 US\$ 27,954.38 14.07.4RM6JHC.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 42,800.00 14.07.4RM6J00.PMM.0007.040401005.200600009 5020000.25130000.000000 US\$ 54,700.00 14.07.E2KC4AC.P00.0084.060901003.200600009 5020000.25130000.000000 US\$ 60,324.76 14.07.E8K3BCL.P11.0085.010102020.200600009 5010000.25130000.000000 US\$ 70,000.00 14.07.E2PS6U8.PK4.0084.060901001.2006000095 020000.25130000.000000 US\$ 75,000.00 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 777,681.18 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 913,823.73 PR #: NWWG9502-8-38731 DELIVERY DATE: 03/30/2010 SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination				
04CA	Provide all labor to accomplish the Production and Integration of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2010.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$102,854.89 with a maximum fee of [REDACTED] which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  Accounting and Appropriation Data: 14.07.E8R1DA1.P15.0085.030104000.2006000095 000000.25130000.000000 US\$ 102,854.89 14.08.F8M6JU9.P58.0083.040401033.2006000095 000000.25130000.000000 US\$ 143,000.00 PR #: NWWG9502-8-38653 DELIVERY DATE: 06/30/2010	1	JB	245,854.89	245,854.89

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	<p>SHIP TO: NATIONAL DATA BUOY CENTER ATTN: PROPERTY OFFICER BUILDING 3202 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p>				

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code . . . . . Page of Pages  
 1 5

2. Amendment/Modification No. 0015  
 3. Effective Date Jun 23, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-57231-42819  
 5. Project No. (if applicable)

6. Issued By NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPSS3  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 KURT C.WEILBAECHER 228-688-2825  
 Code WG953023  
 7. Administered By (If other than Item 6) SEE BLOCK 6  
 Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 (X) 9A. Amendment of Solicitation No.  
 9B. Date (See Item 11)  
 X 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007

Code Facility Code

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 253,737.80

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 X C. This supplemental agreement is entered into pursuant to authority of:  
 FAR 52.243-2 Changes Cost-Reimbursement  
 D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.  
 Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to add funds to the negotiated amount to CLIN 0301XE (3M hulls) and extend e POP on several CLINS.

As a result, CLIN 0301XE is changed from \$102,045.62 to read \$355,783.42 a net increase of \$253,737.80.

As a result, extend CLIN 0301XC to 06/30/2010

except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

5A. Name and Title of Signer (Type or Print)  
 BONNIE BARNUM  
 CONTRACTS REPRESENTATIVE  
 16A. Name and title of Contracting Officer (Type or Print)  
 KURT C.WEILBAECHER 228-688-2825  
 Contracting Officer  
 kurt.weilbaecher@noaa.gov

Contractor/Offoror 15C. Date Signed 16B. United States of America 16C. Date Signed  
 (Signature of person authorized to sign) 06/23/08 (Signature of Contracting Officer) Jun 23, 2008

- c. As a result, extend CLIN 0301XE to 06/30/2010
  - d. As a result, extend CLIN 0301BE to 06/30/2010
  - e. As a result, extend CLIN 0301BF to 06/30/2010
  - f. As a result, extend CLIN 0304CA to 06/30/2010
  - g. As a result, extend CLIN 0304CC to 06/30/2010
2. No other changes made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XC	<p>Provide all labor to accomplish overall Technical Refresh for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with further instructions as it becomes available. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000</p>	1	JB	0.00	0.00
0301XE	<p>Provide all labor and materials to accomplish the price list described below. This price list will be used for all of the Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with the Task Management Plan (TMP). The performance period for this Subclin is 09/12/07 - 06/30/2010.</p> <p>Price List: 3 Meter Buoy Hull - [REDACTED]</p> <p>FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$355,783.42 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.08.F8M8XNA.P00.0083.040401052.200600009 5020000.25130000.000000 US\$ 28,737.80 14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000 US\$ 102,045.62 14.08.F8M8XNS.P00.0083.040401040.200600009 5020000.25130000.000000 US\$ 225,000.00</p>	1	JB	355,783.42	355,783.42
0303BE	<p>Provide all labor to accomplish the Technical Refresh section of the Yellow Buoy/CMAN program in accordance with Para 3.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$237,772.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p>	1	JB	237,772.00	237,772.00

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BF	<p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 62,771.81                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 175,000.19</p> <p>Provide all labor to accomplish the Hurricane Buoy Deployments section of the Yellow Buoy/CMAN program in accordance with the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$1,060,967.66 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 60,859.78                      14.07.E2PS6U8.PK4.0084.060901001.2006000095                      020000.25130000.000000                      US\$ 827,000.00</p>	1	JB	887,859.78	887,859.78
304CA	<p>Provide all labor to accomplish the Production and Integration of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$102,854.89 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.E8R1DA1.P15.0085.030104000.2006000095                      000000.25130000.000000                      US\$ 102,854.89                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      000000.25130000.000000                      US\$ 143,000.00</p>	1	JB	245,854.89	245,854.89

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0304CC	<p>Provide all labor to accomplish the Operational Engineering section of the Tropical Atmosphere Ocean (TAO) program in accordance with Para 4.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 10/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$154,037.81 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5000000.25130000.000000                      US\$ 154,037.82</p>	1	JB	154,037.82	154,037.82

DAN L.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code Page of Pages 1 5

2. Amendment/Modification No. 0016 3. Effective Date Jul 15, 2008 4. Requisition/Purchase Req. No. NWWG9502-8-44137 5. Project No. (if applicable)

6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 KURT C.WEILBAECHER 228-688-2825 Code WG953023 7. Administered By (if other than Item 6) SEE BLOCK 6 Code

8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 DUNS: 148095086 CAGE: 0T5L1 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034 10B. Date (See Item 13) Jun 29, 2007

Code Facility Code 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required) See Schedule \$ US 348,853.22

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A. B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b) X C. This supplemental agreement is entered into pursuant to authority of: FAR 52.243-2 Changes Cost-Reimbursement D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, X is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to incrementally fund CLIN 0302AC and add funds to CLIN 0303BC (Field Service). a. CLIN 0302AC is hereby changed from \$88,417.50 to \$107,270.72, reflecting an increase of \$18,853.22. Accounting: 14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000 \$5,725.28 14.08.4BM6TSN.P000.0060.404010052.006000095020000.2513000000000000 \$13,127.94

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Bonnie Barnum Sr. Contracts Representative 16A. Name and title of Contracting Officer (Type or Print) KURT C.WEILBAECHER 228-688-2825 Contracting Officer kurt.weilbaecher@noaa.gov

15B. Contractor/Officer (Signature of person authorized to sign) 15C. Date Signed 7/15/08 16B. United States of America (Signature of Contracting Officer) 16C. Date Signed Jul 15, 2008

b. CLIN 0303BC is changed from \$2,051,396.02 to \$2,381,396.02, reflecting an increase of \$330,000.00.

## Accounting:

14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$70,000
14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000	\$80,000
14.08.F8M8XHW.P00.0083.040401051.2006000095020000.25130000.000000	\$180,000

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AC	<p>Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$107,270.72 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:            14.08.F8M6JU9.P58.0083.040401033.2006000095            020000.25130000.000000            US\$ 5,725.28            14.08.4BM6TSN.P00.0006.040401005.200600009            5020000.25130000.000000            US\$ 13,127.94            14.07.E8M6JU9.P58.0085.040401033.2006000095            020000.25130000.000000            US\$ 88,417.50            PR #: NWWG9502-8-44137</p>	1	JB	107,270.72	107,270.72
0303BC	<p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$2,381,396.02 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:            14.07.46M6AUD.P00.0096.040401005.200600009            5000000.25130000.000000            US\$ 665.70            14.07.4BM6TSN.P00.0006.040401005.200600009            5000000.25130000.000000            US\$ 5,946.27            14.07.E2KC4CW.P00.0084.060901002.200600009            5020000.25130000.000000            US\$ 22,500.00            14.07.E8M6JU9.P58.0085.040401033.2006000095            020000.25130000.000000            US\$ 27,954.38            14.07.4RM6JHC.PMM.0007.040401005.20060000            95020000.25130000.000000</p>	1	JB	2,381,396.02	2,381,396.02

## SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 42,800.00				
	14.07.4RM6J00.PMM.0007.040401005.200600009				
	5020000.25130000.000000				
	US\$ 54,700.00				
	14.07.E2KC4AC.P00.0084.060901003.200600009				
	5020000.25130000.000000				
	US\$ 60,324.76				
	14.07.E8K3BCL.P11.0085.010102020.200600009				
	5010000.25130000.000000				
	US\$ 70,000.00				
	14.07.E2PS6U8.PK4.0084.060901001.2006000095				
	020000.25130000.000000				
	US\$ 75,000.00				
	14.08.F8M8JDB.PAB.0083.040401010.200600009				
	5020000.25130000.000000				
	US\$ 80,000.00				
	14.08.F8M8XHW.P00.0083.040401051.20060000				
	95020000.25130000.000000				
	US\$ 180,000.00				
	14.07.E8M6J11.PK4.0085.040406001.2006000095				
	020000.25130000.000000				
	US\$ 777,681.18				
	14.08.F8M5J14.PK4.0083.040401005.2006000095				
	020000.25130000.000000				
	US\$ 983,823.73				
	PR #: NWWG9502-8-44010				

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code

Page of Pages  
1 of 90

2. Amendment/Modification No.  
0017

3. Effective Date  
Jul 16, 2008

4. Requisition/Purchase Req. No.  
NWWG9502-8-37567

5. Project No. (if applicable)

6. Issued By

Code WG953023

7. Administered By (If other than Item 6)  
SEE BLOCK 6

Code

NATIONAL DATA BUOY CENTER  
RESOURCES BRANCH /W/OPS53  
BUILDING 1100  
STENNIS SPACE CENTER, MS 39529-6000  
KURT C. WEILBAECHER 228-688-2825

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
10260 CAMPUS POINT DRIVE DUNS: 148095086  
MAIL STOP G2 CAGE: 0T5L1  
SAN DIEGO CA 921211578

(X) 9A. Amendment of Solicitation No.

9B. Date (See Item 11)

10A. Modification of Contract/Order No.

QA1330-05-CQ-1035 0034

10B. Date (See Item 13)

Jun 29, 2007

Code

Facility Code

### 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)

See Schedule \$ US ~~3,635,164.67~~ 3,320,326.73 *new*

### 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.

B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)

X C. This supplemental agreement is entered into pursuant to authority of:  
Contract Clause I.91 FAR 216-18 (ORDERING) (OCT 1995)

D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

See Attached

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

Bonnie Barnum  
Sr. Contracts Representative

16A. Name and title of Contracting Officer (Type or Print)

WILLIAM L. VOITK 301-713-3405 106  
Sr. Contracting Off.  
William.Voitk@noaa.gov

15B. Contractor/Offeror

15C. Date Signed

16B. United States of America

16C. Date Signed

Jul 16, 2008

(Signature of Contracting Officer)

Jul 16, 2008

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

PREVIOUS EDITIONS UNUSABLE

1. The purpose of this modification is to extend subject task order to ensure that the Observing Systems necessary to support the NDBC/NOOS/IOOS are fulfilled for Contract Year 4 (07/01/2008 - 6/30/2008).

a. As a result, CLIN 0301XA is changed from \$1,524,152.10 to read \$2,142,335.25, a net increase of \$618,183.15.

## Accounting:

14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000	\$218,141.60
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$400,041.55

b. As a result, CLIN 0301XB is changed from \$202,132.47 to read \$258,491.37, a net increase of \$56,358.90

## Accounting:

14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$56,358.90
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c. As a result, CLIN 0301XD is changed from \$88,000.00 to read \$121,676.00, a net increase of \$33,676.00.

## Accounting:

14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$33,676.00
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d. As a result, CLIN 0301XF is changed from \$0.00 to read \$276,778.86, a net increase of \$276,778.86.

## Accounting:

14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$276,778.86
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e. As a result, CLIN 0302AE is changed from \$0 to read \$212,229.76, a net increase of \$212,229.76.

## Accounting:

14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000	\$212,229.76
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f. As a result, CLIN 0302AB is changed from \$774,562.72 to read \$789,946.26, a net increase of \$15,383.54.

## Accounting:

14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000	\$15,383.54
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g. As a result, CLIN 0302AC is changed from \$107,270.72 to read \$199,600.09, a net increase of \$91,879.37.

## Accounting:

14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000	\$91,879.37
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g. As a result, CLIN 0302AD is changed from \$300,000.00 to read \$322,793.20, a net increase of \$22,793.20.

## Accounting:

14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000	\$22,793.20
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h. As a result, CLIN 0303BA is changed from \$ 1,019,034.46 to read \$1,555,947.19, a net increase of \$536,912.73.

## Accounting:

14.08.F8K3BCL.P00.0083.010102020.2006000095010000.25130000.000000	\$42,846.00
14.08.4BM7XMA.PMM.0006.040401005.2006000095020000.25130000.000000	\$63,400.00

14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$200,666.73
14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000	\$230,000.00

i. As a result, CLIN 0303BB is changed from \$ 1,291,866.75 to read \$1,817,134.45, a net increase of \$525,267.70.

Accounting:

14.08.4BM7XMA.PMM.0006.040401005.2006000095020000.25130000.000000	\$45,742.76
14.08.F8M8XNA.P00.0083.040401052.2006000095020000.25130000.000000	\$58,391.95
14.08.F8M8XHW.P00.0083.040401051.2006000095020000.25130000.000000	\$197,165.00
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$223,967.99

j. As a result, CLIN 0303BC is changed from \$2,381,396.02 to read \$3,160,362.28, a net increase of \$778,966.26.

Accounting:

14.08.4RM6JD9.PMM.0007.040401005.2006000095020000.25130000.000000	\$10,000.00
14.08.F8K3BCL.P00.0083.010102020.2006000095010000.25130000.000000	\$32,154.00
14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000	\$300,000.00
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$436,812.26

k. As a result, CLIN 0303BD is changed from \$212,644.38 to read \$364,541.64, a net increase of \$151,897.26.

Accounting:

14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000	\$5,132.72
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$146,764.54

2. All other terms and conditions remain unchanged an in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0301XA	<p>Provide all labor to accomplish Management Oversight of all Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.1 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 12/31/2008 FIRM FIXED PRICE</p> <p>The negotiated amount of this SubCLIN is \$2,732,120.85 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.08.F8M6J11.PK4.0083.040406001.2006000095 020000.25130000.000000 US\$ 96,333.11 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 625,000.00 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 710,447.58 14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 710,554.56 PR #: NWWG9502-8-37567</p>	1	JB	2,142,335.25	2,142,335.25
0301XB	<p>Provide all labor to accomplish overall Operational Engineering for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 12/31/2008 COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$382,227.75 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data: 14.08.F8M6J11.PK4.0083.040406001.2006000095 020000.25130000.000000 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 \$ 123,736.39 14.07.E2KC4CW.P00.0084.060901002.200600009</p>	1	JB	258,491.37	258,491.37

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
301XD	<p>5020000.25130000.000000                      \$ 134,754.98                      PR #: NWWG9502-8-37568</p> <p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 12/31/2008</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$155,352.00 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 6,508.74                      14.08.F8M8JDB.PAB.0083.040401010.200600009                      5020000.25130000.000000                      US\$ 15,000.00                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 18,250.00                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 36,500.00                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 45,417.26                      PR #: NWWG9502-8-37575</p>	1	JB	121,676.00	121,676.00
0301XF	<p>Issue new CLIN in accordance with Contractor Proposal</p> <p>Provide all Communications Services for Tropical Atmosphere Ocean (TAO), Deep-Ocean Assessment and Reporting of Tsunamis (DART) and Yellow Buoy/CMAN activities in accordance with Para 1.3 of the Task Management Plan (TMP). The performance period for this Subclin is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 12/31/2008</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$555,557.71 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	276,778.86	276,778.86

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AB	<p>Accounting and Appropriation Data:                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 276,778.86                      PR #: NWWG9502-8-37575</p> <p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>This CLIN is funded through 09/30/2008</p> <p>The negotiated amount of this SubCLIN is \$1,134,782.33 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	789,946.26	789,946.26
0302AC	<p>Accounting and Appropriation Data:                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 387,818.51                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 402,127.75                      PR #: NWWG9502-8-38525</p> <p>Provide all labor to accomplish the Operational Engineering section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>This CLIN is funded through 12/31/2008</p> <p>The negotiated amount of this SubCLIN is \$214,056.79 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	.1	JB	199,150.09	199,150.09
	<p>Accounting and Appropriation Data:                      14.08.4BM6TSN.P00.0006.040401005.200600009                      5020000.25130000.000000                      US\$ 13,127.94                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 88,417.50</p>				

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AD	<p>14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 97,604.65 PR #: NWWG9502-8-38525</p> <p>Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 09/30/2008</p> <p>COST PLUS FIXED FEE</p> <p>The total negotiated amount of this SubCLIN is \$365,970.29 with a maximum fixed fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	322,793.20	322,793.20
0302AE	<p>Accounting and Appropriation Data: 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 322,793.20 PR #: NWWG9502-8-38525</p> <p>Provide all labor to accomplish the Production and integration of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>This CLIN is funded through 12/31/2008</p> <p>The negotiated amount of this SubCLIN is \$358,590.80 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p>	1	JB	212,229.76	212,229.76
03BA	<p>Accounting and Appropriation Data: 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 212,229.76 PR #: NWWG9502-8-38525</p> <p>Provide all labor to accomplish the Production and Integration (Full and Partial RITs) of the Yellow Buoy/CMAN program in accordance with Para 3.1 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 -</p>	1	JB	1,555,947.19	1,555,947.19

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BB	<p>06/30/2010.</p> <p>This CLIN is funded through 12/31/2008</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$2,096,243.98 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data:            14.08.F8K3BCL.P00.0083.010102020.2006000095            010000.25130000.000000            US\$ 42,846.00            14.08.4BM7XMA.PMM.0006.040401005.2006000            095020000.25130000.000000            US\$ 63,400.00            14.08.F8M6J11.PK4.0083.040406001.2006000095            020000.25130000.000000            US\$ 67,967.39            14.08.F8M8JDB.PAB.0083.040401010.200600009            5020000.25130000.000000            US\$ 230,000.00            14.07.E8M6J11.PK4.0085.040406001.2006000095            020000.25130000.000000            US\$ 560,135.74            14.08.F8M5J14.PK4.0083.040401005.2006000095            020000.25130000.000000            US\$ 591,598.06            PR #: NWWG9502-8-37497</p> <p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>See TMP Deliverable List for details</p> <p>DART Production is funded through 12/31/2008            DART Earmarks are funded through 06/30/2009</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$2,073,806.14 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data:            14.07.E2KC4CW.P00.0084.060901002.200600009            5000000.25130000.000000            US\$ 3,476.20            14.07.D2PS6U8.P00.0036.060901001.2006000095            000000.25130000.000000            US\$ 4,055.80            14.07.4BM6TSN.P00.0006.040401005.200600009            5000000.25130000.000000            US\$ 13,000.00</p>	1	JB	1,817,134.45	1,817,134.45

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	14.07.E2MS6U6.P58.0084.040301017.200600009 5020000.25130000.000000 US\$ 27,175.08 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 35,175.00 14.08.4BM7XMA.PMM.0006.040401005.2006000 095020000.25130000.000000 US\$ 45,742.76 14.08.F8M8XNA.P00.0083.040401052.200600009 5020000.25130000.000000 US\$ 58,391.95 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 144,928.12 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 167,416.48 14.07.E8K6BMB.P00.0085.010301000.200600009 5000000.25130000.000000 US\$ 170,000.00 14.08.F8M8XHW.P00.0083.040401051.20060000 95020000.25130000.000000 US\$ 197,165.00 14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 462,368.00 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 488,240.06 PR #: NWWG9502-8-40462				
0303BC	Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.  COST PLUS FIXED FEE The negotiated amount of this SubCLIN is \$3,665,437.25 with a maximum fee of [REDACTED] which is included in the funded amount. FAR 52.232-22 LIMITATION OF FUNDS (APR 1984) This CLIN is funded through 12/31/2008  Accounting and Appropriation Data: 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 665.70 14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 5,946.27 14.08.4RM6JD9.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 10,000.00 14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 22,500.00	1	JB	3,160,362.28	3,160,362.28
	14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000				

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BD	<p>US\$ 27,954.38                      14.08.F8K3BCL.P00.0083.010102020.2006000095                      010000.25130000.000000                      US\$ 32,154.00                      14.07.4RM6JHC.PMM.0007.040401005.20060000                      95020000.25130000.000000                      US\$ 42,800.00                      14.07.4RM6J00.PMM.0007.040401005.200600009                      5020000.25130000.000000                      US\$ 54,700.00                      14.07.E2KC4AC.P00.0084.060901003.200600009                      5020000.25130000.000000                      US\$ 60,324.76                      14.07.E8K3BCL.P11.0085.010102020.200600009                      5010000.25130000.000000                      US\$ 70,000.00                      14.07.E2PS6U8.PK4.0084.060901001.2006000095                      020000.25130000.000000                      US\$ 75,000.00                      14.08.F8M8XHW.P00.0083.040401051.20060000                      95020000.25130000.000000                      US\$ 180,000.00                      14.08.F8M8JDB.PAB.0083.040401010.200600009                      5020000.25130000.000000                      US\$ 380,000.00                      14.07.E8M6J11.PK4.0085.040406001.2006000095                      020000.25130000.000000                      US\$ 777,681.18                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 1,420,635.99                      PR #: NWWG9502-8-37550</p> <p>Provide all labor to accomplish the Operational Engineering section of the Yellow Buoy/CMAN program in accordance with Para 3.4 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>This CLIN is funded through 12/31/2008                      The negotiated amount of this SubCLIN is \$516,438.88 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p><b>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</b>                      Accounting and Appropriation Data:                      14.08.F8M8JDB.PAB.0083.040401010.200600009                      5020000.25130000.000000                      US\$ 5,132.72                      14.08.F8M6J11.PK4.0083.040406001.2006000095                      020000.25130000.000000                      US\$ 20,138.68                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 83,822.18                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 255,448.06                      PR #: NWWG9502-8-37561</p>	1	JB	364,541.64	364,541.64

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 5

2. Amendment/Modification No. 0018 3. Effective Date Aug 15, 2008 4. Requisition/Purchase Req. No. NWWG9502-8-46591 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPSS3 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 KURT C.WEILBAECHER 228-688-2825 Code WG953023 7. Administered By (If other than Item 6) SEE BLOCK 6 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code) SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157 DUNS: 148095086 CAGE: OTSL1 10260 CAMPUS POINT DRIVE MAIL STOP G2 SAN DIEGO CA 921211578 (X) 9A. Amendment of Solicitation No. \_\_\_\_\_ 9B. Date (See Item 11) \_\_\_\_\_ X 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034 10B. Date (See Item 13) Jun 29, 2007

Code \_\_\_\_\_ Facility Code \_\_\_\_\_ 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required) See Schedule \$ US 359,684.84

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(X) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A. B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b) X C. This supplemental agreement is entered into pursuant to authority of: Contract Clause I.91 (FAR 52.216-18 - Ordering - OCT 1995) D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) 1. The purpose of this modification is to extend subject task order to ensure that the Observing Systems necessary to support the NDBC/NOOS/IOOS are fulfilled for Contract Year 4 (07/01/2008 - 6/30/2008) for CLIN 0303BE and incrementally fund CLINs 0303BB and 0302AB.

a. As a result, CLIN 0303BE is changed from \$237,772.00 to read \$552,609.94, a net increase of \$314,837.94. Accounting: 14.08.F8M6JU9.P58.0083.040401033.2006000095020000.25130000.000000 \$44,825.00 14.08.F8M6JU9.P58.0083.040401033.2006000095000000.25130000.000000 \$101,773.14 14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000 \$168,239.80

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) Bonnie Barnum Sr. Contracts Representative 16A. Name and title of Contracting Officer (Type or Print) KURT C.WEILBAECHER 228-688-2825 Contracting Officer kurt.weilbaecher@noaa.gov

15B. Contractor/Offeror (Signature of person authorized to sign) 15C. Date Signed 8/18/08 16B. United States of America (Signature of Contracting Officer) 16C. Date Signed Aug 15, 2008



b. As a result, change CLIN 0303BB from \$1,817,134.45 to read \$1,847,131.35, a net increase of \$29,996.90.

Accounting:	
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$5,000.00
14.08.F8M8JDB.PAB.0083.040401010.2006000095020000.25130000.000000	\$5,652.00
14.08.4RM6JHC.PMM.0007.040401005.2006000095020000.25130000.000000	\$9,672.45
14.08.F8K3BDR.P00.0083.010102055.2006000095020000.25130000.000000	\$9,672.45

c. As a result, change CLIN 0302AB from \$789,946.26 to read \$804,796.26, a net increase of \$14,850.00

Accounting	
14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000	\$29,996.90

d. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AB	<p>Provide all labor to accomplish the Field Service section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with the Task Management Plan (TMP), Para 2.2. The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p><b>COST PLUS FIXED FEE</b></p> <p>This CLIN is funded through 09/30/2008</p> <p>The negotiated amount of this SubCLIN is \$1,134,782.32 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 14,850.00                      14.07.E8M6JU9.P58.0085.040401033.2006000095                      020000.25130000.000000                      US\$ 387,818.51                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 402,127.75                      PR #: NWWG9502-8-46108</p>	1	JB	804,796.26	804,796.26
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>See TMP Deliverable List for details</p> <p>YB Production is funded through 12/31/2008                      YB Earmarks are funded through 06/30/2009</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$2,073,806.18 with a maximum fee of [REDACTED] which is included in the funded amount.</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5000000.25130000.000000                      US\$ 3,476.20                      14.07.D2PS6U8.P00.0036.060901001.2006000095                      000000.25130000.000000                      US\$ 4,055.80                      14.08.F8M8JDB.PAB.0083.040401010.200600009                      5020000.25130000.000000                      US\$ 5,652.00                      14.08.4RM6JHC.PMM.0007.040401005.20060000</p>	1	JB	1,847,131.35	1,847,131.35

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	95020000.25130000.000000 US\$ 9,672.45 14.08.F8K3BDR.P00.0083.010102055.200600009 5020000.25130000.000000 US\$ 9,672.45 14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 13,000.00 14.07.E2MS6U6.P58.0084.040301017.200600009 5020000.25130000.000000 US\$ 27,175.08 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 35,175.00 14.08.4BM7XMA.PMM.0006.040401005.20060000 095020000.25130000.000000 US\$ 45,742.76 14.08.F8M8XNA.P00.0083.040401052.200600009 5020000.25130000.000000 US\$ 58,391.95 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 144,928.12 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 167,416.48 14.07.E8K6BMB.P00.0085.010301000.200600009 5000000.25130000.000000 US\$ 170,000.00 14.08.F8M8XHW.P00.0083.040401051.20060000 95020000.25130000.000000 US\$ 197,165.00 14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 462,368.00 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 493,240.06 PR #: NWWG9502-8-46975				
0303BE	Provide all labor to accomplish the Technical Refresh section of the Yellow Buoy/CMAN program in accordance with Para 3.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$612,609.86 with a maximum fee of [REDACTED], which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  Accounting and Appropriation Data: 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 62,771.81 14.08.F8M6JU9.P58.0083.040401033.2006000095 000000.25130000.000000	1	JB	552,609.94	552,609.94

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 146,598.14 14.08.F8M8JDB.PAB.0083.040401010.200600009 5020000.25130000.000000				
	US\$ 168,239.80 14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000				
	US\$ 175,000.19 PR #: NWWG9502-8-46591				

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. Contract ID Code \_\_\_\_\_ Page 1 of Pages 3  
 2. Amendment/Modification No. 0019  
 3. Effective Date Aug 27, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-47412  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPSS3  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 KURT C.WEILBAECHER 228-688-2825  
 Code WG953023  
 7. Administered By (If other than Item 6) SEE BLOCK 6  
 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: OT5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. \_\_\_\_\_  
 9B. Date (See Item 11) \_\_\_\_\_  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007

Code \_\_\_\_\_ Facility Code \_\_\_\_\_

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
 The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 36,070.03

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 C. This supplemental agreement is entered into pursuant to authority of:  
 D. Other (Specify type of modification and authority)  
 FAR 52.232-22 LIMITATION OF FUNDS

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of this modification is to incrementally fund CLIN 0303BC (Field Service).  
 a.. CLIN 0303BC is changed from \$3,160,362.28 to \$3,196,432.31, reflecting an increase of \$36,070.03.  
 Accounting:  
 14.08.4RM6JHC.PMM.0007.040401005.2006000095020000.25130000.000000 \$13,972.68  
 14.08.F8K3BDR.P00.0083.010102055.2006000095020000.25130000.000000 \$22,097.35

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) KURT C.WEILBAECHER 228-688-2825  
 Contracting Officer  
 kurt.weilbaecher@noaa.gov  
 15B. Contractor/Offeror \_\_\_\_\_  
 15C. Date Signed \_\_\_\_\_  
 16A. Name and title of Contracting Officer (Type or Print) KURT C.WEILBAECHER 228-688-2825  
 Contracting Officer  
 kurt.weilbaecher@noaa.gov  
 16B. United States of America  
 16C. Date Signed Aug 27, 2008  
 (Signature of person authorized to sign) \_\_\_\_\_ (Signature of Contracting Officer) *Kurt C. Weilbaecher*

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BC	<p>Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$3,665,437.25 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>This CLIN is funded through 12/31/2008</p> <p>Accounting and Appropriation Data:</p> <p>14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 665.70</p> <p>14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 5,946.27</p> <p>14.08.4RM6JD9.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 10,000.00</p> <p>14.08.4RM6JHC.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 13,972.68</p> <p>14.08.F8K3BDR.P00.0083.010102055.200600009 5020000.25130000.000000 US\$ 22,097.35</p> <p>14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 22,500.00</p> <p>14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000 US\$ 27,954.38</p> <p>14.08.F8K3BCL.P00.0083.010102020.2006000095 010000.25130000.000000 US\$ 32,154.00</p> <p>14.07.4RM6JHC.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 42,800.00</p> <p>14.07.4RM6J00.PMM.0007.040401005.200600009 5020000.25130000.000000 US\$ 54,700.00</p> <p>14.07.E2KC4AC.P00.0084.060901003.200600009 5020000.25130000.000000 US\$ 60,324.76</p> <p>14.07.E8K3BCL.P11.0085.010102020.200600009 5010000.25130000.000000 US\$ 70,000.00</p> <p>14.07.E2PS6U8.PK4.0084.060901001.2006000095 020000.25130000.000000 US\$ 75,000.00</p> <p>14.08.F8M8XHW.P00.0083.040401051.20060000 95020000.25130000.000000 US\$ 180,000.00</p>	1	JB	3,196,432.31	3,196,432.31

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	14.08.F8M8JDB.PAB.0083.040401010.200600009 5020000.25130000.000000 US\$ 380,000.00				
	14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000 US\$ 777,681.18				
	14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 1,420,635.99				

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code  
Page 1 of Pages 3

2. Amendment/Modification No. 0020  
3. Effective Date Sep 9, 2008  
4. Requisition/Purchase Req. No. NWWG9502-8-46962  
5. Project No. (if applicable)

6. Issued By  
NATIONAL DATA BUOY CENTER  
RESOURCES BRANCH /W/OPS53  
BUILDING 1100  
STENNIS SPACE CENTER, MS 39529-6000  
KURT C.WEILBAECHER 228-688-2825  
Code WG953023  
7. Administered By (if other than Item 6) SEE BLOCK 6  
Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
10260 CAMPUS POINT DRIVE DUNS: 148095086  
MAIL STOP G2 CAGE: 0T5L1  
SAN DIEGO CA 921211578  
9A. Amendment of Solicitation No. (X)  
9B. Date (See Item 11)  
10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
10B. Date (See Item 13) Jun 29, 2007 (X)

Code Facility Code

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 80,000.00

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
C. This supplemental agreement is entered into pursuant to authority of:  
X D. Other (Specify type of modification and authority)  
FAR 52.243-2 Changes Cost-Reimbursement  
E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
1. The purpose of this modification is to incrementally fund CLIN 0303BF (YB Hurricane Field Service).  
a.. CLIN 0303BF is changed from \$887,859.78 to \$967,859.78, reflecting an increase of \$80,000.00  
Accounting: 14.08.F8M5J14.PK4.0083.040401005.2006000095020000.25130000.000000 \$80,000.00  
3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
15B. Contractor/Offeror  
(Signature of person authorized to sign)  
16A. Name and title of Contracting Officer (Type or Print)  
KURT C.WEILBAECHER 228-688-2825  
Contracting Officer  
kurt.weilbaecher@noaa.gov  
16B. United States of America  
(Signature of Contracting Officer)  
16C. Date Signed  
Sep 9, 2008

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BF	<p>Provide all labor to accomplish the Hurricane Buoy Deployments section of the Yellow Buoy/CMAN program in accordance with the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>COST PLUS FIXED FEE</p> <p>The negotiated amount of this SubCLIN is \$2,589,732.93 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.07.E2KC4CW.P00.0084.060901002.200600009                      5020000.25130000.000000                      US\$ 60,859.78                      14.08.F8M5J14.PK4.0083.040401005.2006000095                      020000.25130000.000000                      US\$ 80,000.00                      14.07.E2PS6U8.PK4.0084.060901001.2006000095                      020000.25130000.000000                      US\$ 827,000.00</p>	1	JB	967,859.78	967,859.78

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. Amendment/Modification No. 0021  
 3. Effective Date Sep 16, 2008  
 4. Requisition/Purchase Req. No. NWWG9500-8-48592  
 5. Project No. (if applicable)

6. Issued By  
 NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPS53  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 KURT C. WEILBAECHER 228-688-2825  
 Code WG953023  
 7. Administered By (If other than Item 6) SEE BLOCK 6  
 Code

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. (X)  
 9B. Date (See Item 11)  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007

Code Facility Code  
 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US -322,793.20

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

- (x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.
- X B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)
- C. This supplemental agreement is entered into pursuant to authority of:
- D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of this modification is to deobligate \$322,793.20 from CLIN 0302AD in its entirety.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)  
 KURT C. WEILBAECHER 228-688-2825  
 Contracting Officer  
 kurt.weilbaecher@noaa.gov

15B. Contractor/Offeror  
 15C. Date Signed  
 16B. United States of America  
 16C. Date Signed Sep 16, 2008  
 (Signature of person authorized to sign) (Signature of Contracting Officer)

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AD	<p>(CANCELLED LINE ITEM)                      Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>This CLIN is funded through 09/30/2008</p> <p>COST PLUS FIXED FEE</p> <p>The total negotiated amount of this SubCLIN is \$365,970.29 with a maximum fixed fee of [REDACTED] which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6JU9.P58:0083.040401033.2006000095                      020000.25130000.000000                      US\$ 322,793.20</p>	1	JB	322,793.20	322,793.20
<hr/>					

# AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code  
Page 1 of Pages 2

2. Amendment/Modification No. 0022  
3. Effective Date Sep 16, 2008  
4. Requisition/Purchase Req. No. NWWG9502-8-49157  
5. Project No. (if applicable)

6. Issued By  
NATIONAL DATA BUOY CENTER  
RESOURCES BRANCH /W/OPS53  
BUILDING 1100  
STENNIS SPACE CENTER, MS 39529-6000  
KURT C. WEILBAECHER 228-688-2825  
7. Administered By (If other than Item 6) Code  
SEE BLOCK 6

8. Name and Address of Contractor (No., Street, County, and Zip Code)

SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
10260 CAMPUS POINT DRIVE DUNS: 148095086  
MAIL STOP G2  
SAN DIEGO CA 921211578 CAGE: 0T5L1

(X) 9A. Amendment of Solicitation No.  
9B. Date (See Item 11)  
10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
X 10B. Date (See Item 13) Jun 29, 2007

Code Facility Code

## 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
See Schedule \$ US 322,793.20

## 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(x) A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
X B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
C. This supplemental agreement is entered into pursuant to authority of:  
D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to add CLIN 0302AF in the amount of \$322,793.20.

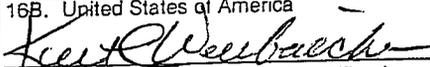
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print)

16A. Name and title of Contracting Officer (Type or Print)  
KURT C. WEILBAECHER 228-688-2825  
Contracting Officer  
kurt.weilbaecher@noaa.gov

15B. Contractor/Offoror

15C. Date Signed

16B. United States of America  
  
(Signature of Contracting Officer)  
16C. Date Signed  
Sep 16, 2008

(Signature of person authorized to sign)

30-105

STANDARD FORM 30 (REV. 10-83)

NSN 7540-01-152-8070

Prescribed by GSA FAR (48 CFR) 53.243

PREVIOUS EDITIONS UNUSABLE

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0302AF	<p>Provide all labor to accomplish the Technical Refresh section of the Deep-Ocean Assessment and Reporting of Tsunamis (DART) program in accordance with Para 2.5 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010</p> <p>This CLIN is funded through 09/30/2008</p> <p><b>COST PLUS FIXED FEE</b></p> <p>The total negotiated amount of this CLIN is \$365,970.29 with a maximum fixed fee of [REDACTED], which is included in the funded amount.</p> <p>FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)</p> <p>Accounting and Appropriation Data:                      14.08.F8M6JU9.P58.0083.040401033.2006000095                      020000.25130000.000000                      US\$ 322,793.20</p>	1	JB	322,793.20	322,793.20

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. Contract ID Code: \_\_\_\_\_ Page 1 of 5 Pages  
 2. Amendment/Modification No. 0023  
 3. Effective Date Sep 19, 2008  
 4. Requisition/Purchase Req. No. NWWG9502-8-49345  
 5. Project No. (if applicable) \_\_\_\_\_

6. Issued By NATIONAL DATA BUOY CENTER  
 RESOURCES BRANCH /W/OPSS3  
 BUILDING 1100  
 STENNIS SPACE CENTER, MS 39529-6000  
 KURT C.WEILBAECHER 228-688-2825  
 7. Administered By (if other than Item 6) SEE BLOCK 6  
 Code \_\_\_\_\_

8. Name and Address of Contractor (No., Street, County, and Zip Code)  
 SCIENCE APPLICATIONS INTERNATIONAL CORPO Vendor ID: 00004157  
 10260 CAMPUS POINT DRIVE DUNS: 148095086  
 MAIL STOP G2 CAGE: 0T5L1  
 SAN DIEGO CA 921211578  
 9A. Amendment of Solicitation No. (X)  
 9B. Date (See Item 11)  
 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0034  
 10B. Date (See Item 13) Jun 29, 2007  
 Code \_\_\_\_\_ Facility Code \_\_\_\_\_

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
 The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers  is extended  is not extended.  
 Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (if required)  
 See Schedule \$ US 315,920.68

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACT/ORDERS.  
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  
 A. This change order is issued pursuant to: (Specify authority) The changes set forth in item 14 are made in the Contract Order No. in item 10A.  
 B. The above numbered Contract/Order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) Set fourth item 14, pursuant to the authority of FAR 43.103 (b)  
 C. This supplemental agreement is entered into pursuant to authority of:  
 D. Other (Specify type of modification and authority)

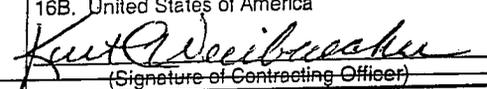
E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the issuing office.

14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 1. The purpose of this modification is to incrementally fund CLIN 0303BB (Optional RITs-Yellow Buoy) and 0303BC YB Field Service).

a. CLIN 0303BB is changed from \$1,847,131.35 to read \$2,058,653.35, reflecting an increase of \$211,522.00.  
 Accounting:  
 14.08.4RM8XAS.PMM.0007.040401005.2006000095020000.25130000.000000 \$76,822.00  
 14.08.4RM6J00.PMM.0007.040401005.2006000095020000.25130000.000000 \$76,700.00  
 14.08.4RM8XCH.PMM.0007.040401005.2006000095020000.25130000.000000 \$58,000.00

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name and Title of Signer (Type or Print) KURT C.WEILBAECHER 228-688-2825  
 Contracting Officer  
 kurt.weilbaecher@noaa.gov  
 16A. Name and title of Contracting Officer: (Type or Print)

15B. Contractor/Offeror \_\_\_\_\_ 15C. Date Signed \_\_\_\_\_ 16B. United States of America  
 (Signature of person authorized to sign)  16C. Date Signed Sep 19, 2008  
 (Signature of Contracting Officer)

B. CLIN 0303BC is changed from \$3,196,432.31 to read \$3,300,830.99, a net increase of \$104,398.68.

## Accounting:

14.08.4RM8XVM.PMM.0007.040401005.2006000095020000.25130000.000000	\$33,948.68
14.08.4RM6JW2.PMM.0007.040401005.2006000095020000.25130000.000000	\$22,500.00
14.08.46M6JSL.PMM.0096.040401005.2006000095020000.25130000.000000	\$32,450.00
14.08.4RM6JLJ.PMM.0007.040401005.2006000095020000.25130000.000000	\$15,500.00

3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0303BB	<p>Provide all labor to accomplish the Optional RITs section of the Yellow Buoy/CMAN program in accordance with Para 3.1, Table 2 &amp; 3 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.</p> <p>See TMP Deliverable List for details</p> <p>DART Production is funded through 12/31/2008 DART Earmarks are funded through 06/30/2009</p> <p><b>FIRM FIXED PRICE</b></p> <p>The negotiated amount of this SubCLIN is \$2,073,806.14 with a maximum fee of [REDACTED], which is included in the funded amount.</p> <p>Accounting and Appropriation Data: 14.07.E2KC4CW.P00.0084.060901002.200600009 5000000.25130000.000000 US\$ 3,476.20 14.07.D2PS6U8.P00.0036.060901001.2006000095 000000.25130000.000000 US\$ 4,055.80 14.08.F8M8JDB.PAB.0083.040401010.200600009 5020000.25130000.000000 US\$ 5,652.00 14.08.4RM6JHC.PMM.0007.040401005.20060000 95020000.25130000.000000 US\$ 9,672.45 14.08.F8K3BDR.P00.0083.010102055.200600009 5020000.25130000.000000 US\$ 9,672.45 14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 13,000.00 14.07.E2MS6U6.P58.0084.040301017.200600009 5020000.25130000.000000 US\$ 27,175.08 14.08.F8M6JU9.P58.0083.040401033.2006000095 020000.25130000.000000 US\$ 35,175.00 14.08.4BM7XMA.PMM.0006.040401005.20060000 095020000.25130000.000000 US\$ 45,742.76 14.08.4RM8XCH.PMM.0007.040401005.20060000 095020000.25130000.000000 US\$ 58,000.00 14.08.F8M8XNA.P00.0083.040401052.200600009 5020000.25130000.000000 US\$ 58,391.95 14.08.4RM6J00.PMM.0007.040401005.200600009 5020000.25130000.000000 US\$ 76,700.00 14.08.4RM8XAS.PMM.0007.040401005.20060000 095020000.25130000.000000 US\$ 76,822.00 14.07.E8M6J11.PK4.0085.040406001.2006000095 020000.25130000.000000</p>	1	JB	2,058,653.35	2,058,653.35

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 144,928.12 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 167,416.48 14.07.E8K6BMB.P00.0085.010301000.200600009 5000000.25130000.000000 US\$ 170,000.00 14.08.F8M8XHW.P00.0083.040401051.200600000 95020000.25130000.000000 US\$ 197,165.00 14.07.E8M6JU9.P58.0085.040401033.2006000095 000000.25130000.000000 US\$ 462,368.00 14.08.F8M5J14.PK4.0083.040401005.2006000095 020000.25130000.000000 US\$ 493,240.06				
0303BC	Provide all labor to accomplish the Field Service section of the Yellow Buoy/CMAN program in accordance with Para 3.2 of the Task Management Plan (TMP). The performance period for this SubCLIN is 07/01/07 - 06/30/2010.  COST PLUS FIXED FEE  The negotiated amount of this SubCLIN is \$3,665,437.25 with a maximum fee of [REDACTED], which is included in the funded amount.  FAR 52.232-22 LIMITATION OF FUNDS (APR 1984)  This CLIN is funded through 12/31/2008  Accounting and Appropriation Data: 14.07.46M6AUD.P00.0096.040401005.200600009 5000000.25130000.000000 US\$ 665.70 14.07.4BM6TSN.P00.0006.040401005.200600009 5000000.25130000.000000 US\$ 5,946.27 14.08.4RM6JD9.PMM.0007.040401005.200600000 95020000.25130000.000000 US\$ 10,000.00 14.08.4RM6JHC.PMM.0007.040401005.200600000 95020000.25130000.000000 US\$ 13,972.68 14.08.4RM6JLJ.PMM.0007.040401005.200600009 5020000.25130000.000000 US\$ 15,500.00 14.08.F8K3BDR.P00.0083.010102055.200600009 5020000.25130000.000000 US\$ 22,097.35 14.07.E2KC4CW.P00.0084.060901002.200600009 5020000.25130000.000000 US\$ 22,500.00 14.08.4RM6JW2.PMM.0007.040401005.200600000 95020000.25130000.000000 US\$ 22,500.00 14.07.E8M6JU9.P58.0085.040401033.2006000095 020000.25130000.000000	1	JB	3,300,830.99	3,300,830.99

**SCHEDULE**

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
	US\$ 27,954.38				
	14.08.F8K3BCL.P00.0083.010102020.2006000095				
	010000.25130000.000000				
	US\$ 32,154.00				
	14.08.46M6JSL.PMM.0096.040401005.200600009				
	5020000.25130000.000000				
	US\$ 32,450.00				
	14.08.4RM8XVM.PMM.0007.040401005.2006000				
	095020000.25130000.000000				
	US\$ 33,948.68				
	14.07.4RM6JHC.PMM.0007.040401005.20060000				
	95020000.25130000.000000				
	US\$ 42,800.00				
	14.07.4RM6J00.PMM.0007.040401005.200600009				
	5020000.25130000.000000				
	US\$ 54,700.00				
	14.07.E2KC4AC.P00.0084.060901003.200600009				
	5020000.25130000.000000				
	US\$ 60,324.76				
	14.07.E8K3BCL.P11.0085.010102020.200600009				
	5010000.25130000.000000				
	US\$ 70,000.00				
	14.07.E2PS6U8.PK4.0084.060901001.2006000095				
	020000.25130000.000000				
	US\$ 75,000.00				
	14.08.F8M8XHW.P00.0083.040401051.20060000				
	95020000.25130000.000000				
	US\$ 180,000.00				
	14.08.F8M8JDB.PAB.0083.040401010.200600009				
	5020000.25130000.000000				
	US\$ 380,000.00				
	14.07.E8M6J11.PK4.0085.040406001.2006000095				
	020000.25130000.000000				
	US\$ 777,681.18				
	14.08.F8M5J14.PK4.0083.040401005.2006000095				
	020000.25130000.000000				
	US\$ 1,420,635.99				

**Task Objective Statement**  
**For**  
**TO-34 CLIN 0303BE**  
**Yellow Buoy/C-MAN – Technical Refresh**  
 April 28, 2008

Period of Performance: July 1, 2008 to June 30, 2009

Table 1 presents the task in priority order of the NDBC with the first the highest priority. Tasks are to be estimated and tracked per cost and labor hour individually.

Table 1. Priority of Technology Refresh Engineering Projects CY04

<b>RANK</b>	<b>Task #</b>	<b>Title</b>	<b>NDBC POC</b>
1	1.1	Weather Buoy Packaging of the AMPS payload	Bill Hansen
2	3.1	AMPS Certification for Weather (Wx) Fleet	Bill Hansen
3	7.1	Integrate Vaisala WS425 Ultrasonic Anemometer into AMPS & ARES and Field Test RM Young and Vaisala Sonics	Regina Moore
4	8.1	Incorporate GPS Compass Into NDBC Procedures	Rodney Riley
5	2.1	Frequency Management Update	Steve Yeadon
6	6.1	Provide Technical and Engineering Support for Waves & Currents Tests	Rodney Riley
7	2.2	Standalone Position Reporting Operational Prototype	Rodney Riley
8	3.2	Sutron Expert payload setup and testing as CMAN station	Pete Lessing
9	2.3	Operational Prototype of Hand-held Wireless Communication with ARES & AMPS	Pete Lessing
10	1.2	Retrievable Mooring Concept	Brett Taft
11	5.1	Develop a Lithium Secondary Battery Power system for NOOS and TAO	Ralph Cambre
12	7.2	Smart Sensor Operational Prototype	Rodney Riley

**1. Mechanical/Architectural Projects**

***1.1 Weather Buoy Packaging of the AMPS payload***

**BACKGROUND:** The AMPS “yellow can” connectors are too densely spaced to be field serviceable. The connectors are of a quality lower than required for marine use and there is anecdotal evidence of reliability issues even in the lab environment. NDBC’s long-range needs will be well served to make the AMPS enclosure more robust now, before populating the fleet with lower quality products.

**SCOPE:** Draw on the experience of TAO, DART, Weather (Wx) Buoy, and NOOS optimization to develop a packaging for AMPS in a 3-meter buoy that is reliable and serviceable at sea. Build and lab test 2 prototype units. The AMPS circuit board stacks for these prototypes will be taken from the existing inventory allotment for Wx buoy production.

**TASKS:**

1. Document the enclosure design and 3-meter integration.
2. Document changes to AMPS related test plans/procedures
3. Hold peer/NDBC reviews.
4. Modify lab test panel to accommodate new connector arrangement for AMPS.
5. Build and functionally test 2 AMPS units.

**DELIVERABLES:**

- Preliminary Design Review (PDR)
- Critical Design Review (CDR) conducted prior to fabrication
- Level B package that includes
- Enclosure fabrication details
- 3-meter integration details
- Cable drawings
- Updated Test Plans/Procedures
- Modified lab test panel for AMPS
- AMPS units ready for deployment

**SCHEDULE:**

- Presently a reimbursable project on 44013 is awaiting a 3m AMPS deployment to interface to an ocean sensor tail.
- A buoy of opportunity may be available this September (42007).

NDBC POC: Bill Hansen

**1.2 *Retrievable Mooring Concept***

**BACKGROUND:** The US Coast Guard, or some personnel in the USCG, has decided to hold NDBC to a federal regulation that prevents the intentional dumping of plastics into the ocean. While the NDBC has an exemption to this federal regulation it is expected to adhere to all the regulations imposed by the USCG when operating on their vessels. Hence, NDBC must investigate how the nylon line in buoy moorings can be retrieved.

**SCOPE:** The purpose of this tasking is to determine the impact of modifying existing NDBC mooring design concepts such that they can be retrieved.

**TASKS:**

1. Evaluate the existing mooring concepts for suitability for retrieval
2. Provide recommendations for modifications to allow the moorings to be retrieved.
3. Conduct mooring analysis on any changes that would alter the scope or dramatically change the overall cross-section of the mooring
4. Provide an analysis including additional costs (separating initial capital investments (i.e. Acoustic Releases) from periodic maintenance costs),

additional time on station, equipment needed to accomplish, and technical issues.

5. Identify pros and cons of recovering the moorings
6. Make recommendation for recovery intervals based on mooring design type

**DELIVERABLES:**

- Whitepaper that addresses the all tasks listed above.

**SCHEDULE:** Medium Priority

**NDBC POC:** Brett Taft

## **2. Communications Projects**

### ***2.1 Frequency Management Update***

**BACKGROUND:** Since the NDBC Frequency Manager retired almost two years ago, no one has been updating the National Telecommunications and Information Administration (NTIA) spectrum management database for NDBC transmitters. It is an NWS and NTIA requirement that NDBC RF transmitters be kept up to date in this database.

**SCOPE:** This purpose of this task is to update the NDBC process to keep this database current. The frequency management task should be transitioned to the NTSC where the records are kept as to where and what transmitters are currently installed. This frequency management must include GOES, ARGOS, Iridium, AIS, and wireless modem transmitters. After the initial spin-up this task, the maintenance of this database should become part of the standard operational tasking. It is estimated that once the database is brought up-to-date the maintenance of the database should be less than 500 hours/year.

**TASKS:**

1. Get NDBC database logon information from the NTIA.
2. Setup a dedicated computer for frequency management.
  - This computer and the Spectrum software must be treated as controlled access technology with restricted login and restricted physical access.
  - Install the NTIA Spectrum software
3. Appoint NTSC primary and secondary responsible parties
4. Attend 1-week training on frequency management
5. Assess current NDBC database information and update old entries
6. Add any new entries since last update

**DELIVERABLES:**

- Computer setup with NTIA Spectrum software with controlled access
- Completion of training of two NTSC personnel
- Fully updates and maintained database

SCHEDULE:

- Procurement of computer
- Schedule training

NDBC POC: Steve Yeadon

**2.2 Standalone Position Reporting Operational Prototype**

BACKGROUND: If the present prototype shows promise, an update of the operational model will need to be completed to show its worth, or not. If it proves cost effective, move forward with development of operational prototypes. This new position reporting system should enhance NDBC buoy position reporting capability at lower cost

SCOPE: Update feasibility of an operational model. If NDBC agrees to proceed, build & test 4 operational prototype units. The units should be the final version ready for field testing. Once lab and end-to-end test at SSC are complete, finalize SDD and production package (level B).

TASKS:

1. Technical and cost benefit analysis of new Iridium position reporting system. The analysis should develop an operational model (how will we configure and operate the units and what's the annual cost) that shows the operational feasibility in comparison to the current Telonics ARGOS drift detectors.

*Upon approval from NDBC to continue with effort:*

2. Build 4 prototype units
3. Write System Design Document (SDD)
4. Develop level B package for building and testing the system
5. Write system test plan (STP)
6. Write test report

DELIVERABLES:

- Update, document, and present operational feasibility
- Build 4 operational prototypes (final version ready for field certification)
- SDD per NDBC thematic outline
- Production Level B package submitted via ECP
- SDD
- STP
- Test report

SCHEDULE:

- Approval of NDBC to continue after benefit analysis
- Buys of opportunity to test prototypes

NDBC POC: Rodney Riley

### **2.3 Operational Prototype of Hand-held Wireless Communication with ARES & AMPS**

**BACKGROUND:** A prototype wireless modem system for connection to either an ARES or AMPS payload used for short-range, remote test and diagnostics purposes was developed under Task order 34. A level B package was developed with recommended modem packaging, fabrication, and buoy installation methods.

**SCOPE:** This task is intended to carry prototype development forward and develop two systems to production, level B drawings, perform extended testing on a buoy to ensure the system does not interfere with other buoy RF systems or affect sensor measurements, and to perform field testing to gauge effective range and performance of the system under actual field conditions.

#### **TASKS:**

1. Fabricate two sets of wireless modems to current level B package requirements.
2. Integrate a pair of modems on a fully integrated, operational 3-meter platform of opportunity.
3. Conduct an extended test at SSC of a system on this fully integrated, operational 3-meter platform to ensure there is no interference, anomalies, or interaction with other buoy RF systems such as GOES, sensor measurements, or GPS-PTT transmitters.
4. Provide a report on test results.
5. Deploy the modem with the operational 3-m buoy and test the modems in the field to determine effective range and *in-situ* performance.

#### **DELIVERABLES:**

- Two modem pairs fabricated to current level B, as-built drawings, functionally tested.
- Test plan for testing at SSC and field testing on a fully integrated, 3-meter platform of opportunity.
- Data analysis and on buoy sensor data to determine the effects, if any, of the modem system on buoy sensors and systems.
- Test report documenting results of testing at SSC on an integrated platform and documenting results of field testing.

#### **SCHEDULE:**

- Buoy of opportunity

NDBC POC: Pete Lessing

### 3. Payload Projects

#### 3.1 *AMPS Certification for Weather (Wx) Fleet*

BACKGROUND: Development and testing of software and hardware updates to the original AMPS prototype is nearing completion. It is prudent at this time to begin planning of field certification of the system. Certification of AMPS for the Wx Fleet will help alleviate pressure on NDBC's dwindling payload inventory.

SCOPE: Install, test, and certify an AMPS payload on a dual-system station (42001 is suggested). Both systems must include meteorological sensors and directional waves. Integration of the primary system and deployment of the buoy will not be funded under this tasking. No repeat services to the station will be funded either.

#### TASKS:

1. Recommend dual-system station for comparison testing.
2. Develop integration and cabling drawings for the selected station.
3. Perform integration
4. Perform long term comparison
5. Submit test report with certification recommendation

#### DELIVERABLES:

- Level B package that includes:
- Buoy integration details
- Cable drawings
- Updated Test Plans/Procedures
- Test Report with certification recommendation

#### SCHEDULE:

- The present inventory of ARES payloads is projected to be exhausted within 18 months. A certified replacement must be readied for the fleet as soon as possible.
- Local testing of the new AMPS is scheduled to be complete by July 2008.

NDBC POC: Bill Hansen

#### 3.2 *Sutron Expert payload setup and testing as CMAN station*

BACKGROUND: Existing NDBC sensors can be directly connected to the Sutron Xpert without hardware modifications, however, not all sensors have built-in software modules in the Xpert to calculate and process data to NDBC requirements. As a result, this task will involve some software development. NDBC engineering has demonstrated that all sensors listed below can be connected to the Sutron Xpert without hardware modifications, with the exception of the Setra barometer, which requires a DC to DC converter to provide a -12 Volt DC supply required by the Setra barometer. For future

consideration, the Setra barometer can be purchased in a standard configuration of a single-ended +12 VDC supply, so the requirement of a DC-DC converter is not set in stone.

SCOPE: Integrate a Sutron Xpert payload to the following sensors and perform inter-comparison testing with the OSTF. Integration of the Xpert shall include design and fabrication of a marine-compatible enclosure for the Xpert, Xpert I/O modules, wiring harnesses from I/O modules that allow direct connection of sensors to a Hoffman enclosure without junction boxes.

#### TASKS:

Sensors to integrate:

- 2 ea RMY wind sensors, including speed and vane angle
- 2 ea NMEA RS-232 compasses
- 2 ea Setra barometers
- 1 ea Air temperature sensor
- 1 ea Ocean Temperature sensor
- 1 ea Rotronics AT/RH sensor
- 1 ea DWPM
- 1 ea Sutron Satlink high data rate transmitter
- 1 ea NDBC-3610 Power Control Module

The integration will require some software development to perform the sensor calculations required from NDBC platforms. Software development can be done in Xpert Basic, which is a Sutron-developed derivative of Microsoft Visual Basic, or alternatively, can be done in C which can then be interfaced to Sutron Xpert Basic.

Software development tasks presently known to be required are:

- Subroutine to calculate continuous winds
- Subroutine to calculate wind speed and direction—includes calculation of all NDBC wind speed and direction quality control parameters such as raw compass average, corrected compass average, raw vane angle averages, and so on.
- Implementation of Compass deviation and magnetic variation corrections, including the ability to input variation and deviation tables as a parameter for an individual station
- Subroutine to format the GOES message for compatibility with NDBC shore-side processing software
- DWPM driver software
- Calculation of sea level pressure from barometric pressure readings
- Calculation of 3- and 5-second gusts
- Calculation of dew point
- Continuous barometer subroutine
- Calculation of NDBC power system QA information

DELIVERABLES:

1. Marine-compatible enclosure with Sutron Xpert hardware installed
2. Fabrication drawings for Marine-compatible enclosure for Sutron Xpert and level-B sensor wiring drawing package
3. Software to compute the following to NDBC requirements, including source, object and executable where appropriate
  - Subroutine to calculate continuous winds
  - Subroutine to calculate wind speed and direction—includes calculation of all NDBC wind speed and direction quality control parameters such as raw compass average, corrected compass average, raw vane angle averages, and so on.
  - Implementation of Compass deviation and magnetic variation corrections, including the ability to input variation and deviation tables as a parameter for an individual station
  - Subroutine to format the Xpert output GOES message for compatibility with NDBC shore-side processing software
  - DWPM driver software
  - Calculation of sea level pressure from barometric pressure readings
  - Calculation of 3- and 5-second gusts
  - Calculation of dew point
  - Continuous barometer subroutine
  - Calculation of NDBC power system QA information
4. Test plan for inter-comparison to OSTF standard
5. Data Analysis and Test Report

SCHEDULE:

- Software development

NDBC POC: Pete Lessing

**4. Ocean Sensor Projects**

None at this time

**5. Power System Projects**

***5.1 Develop a Lithium Secondary Battery Power system for NOOS optimization buoy and TAO***

BACKGROUND: NDBC began using lithium batteries in the TAO program in 2007. Due to the higher cost and hazards of transporting, warehousing and handling lithium primary batteries, and the move of the industry toward rechargeable lithiums it is believed that rechargeable lithium batteries might be more beneficial for NDBC applications.

SCOPE: The purpose of this task is to identify available lithium battery chemistries and formats that are suitable for use in the TAO program and in the

NOOS optimization buoy. A cost / benefit analysis will be provided that evaluates the benefits of available rechargeable lithium batteries over the primary lithium batteries currently used.

**TASKS:**

1. Compare areas of safety, handling, and transportation, and warehousing costs.
2. Determine rational/recommendations for procuring at least three alternative prototype rechargeable lithium batteries for evaluations

**DELIVERABLES:**

- White paper on the benefits of rechargeable lithium batteries recommend for use by NDBC

**SCHEDULE:** Medium Priority

**NDBC POC:** Ralph Cambre

**6. Waves Projects**

***6.1 Provide Technical and Engineering Support for Waves & Currents Tests***

**BACKGROUND:** Various experimental tests are planned for the Fall '08 time frame. Potential two sea bottom equipment sleds will need to be outfitted with equipment and some tests conducted. This task provides mechanical technician and other engineering support to complete desired underwater testing activities.

**SCOPE:** Build and or fabricate mounts and cables to support waves and currents testing on and around station 42007.

**TASKS:**

1. Build relatively minor brackets, mounts, and cables.
2. Support NDBC engineering tests and data analysis efforts.

**DELIVERABLES:**

- Sensor mounts fabricated per provided drawings

**SCHEDULE:**

- Deployment of 42007

**NDBC POC:** Rodney Riley

## 7. Met Sensors Projects

### *7.1 Integrate Vaisala WS425 Ultrasonic Anemometer into AMPS & ARES and Field Test RM Young and Vaisala Sonic Anemometers*

BACKGROUND: NDBC is currently developing ARES and AMPS software to integrate the RM Young model 85106 marine ultrasonic anemometer. Laboratory testing at the Sterling Field Support Center indicated that the 85106 was the best suited RM Young for field use in areas that can experience hurricane force winds. The Vaisala WS425 sonic anemometer also has very good laboratory test result but the maximum wind speed detected in the analog mode is 58 m/s. NDBC currently has 33 of the WS425s in stock.

SCOPE: The purpose of this task is to complete the field testing of the RM Young 85106 and to port the code created for the 85106 to interface the Vaisala WS425s and field test these units.

#### TASKS:

1. Using the code created for the RM Young 85106 sonic anemometer, develop code to interface the Vaisala WS425 sonic anemometers we have in stock. This code should detect and filter out maximum analog output when the sensor detects a "no signal" condition.
2. Fully test interface software in the laboratory and on the STF.
3. Create "green-tag" procedures in the form of ETPs (converted to NDBC procedures upon successful field testing and certification for field use).
4. "Green-tag" four of each model for field testing.
5. Create any drawings required for special mounting adapters can interface cables if required
6. Fabricate any mounting brackets required for field deployment.
7. Install these "green-tagged" units on operational stations in the number two position for field performance evaluation. Care should be taken to ensure the WS425 sonics are not installed in areas where they might experience wind or wind gusts above 58 m/s.
8. After at minimum of 4-months in the field evaluate sensors performance for recommendation on operational status.

#### DELIVERABLES:

- Report on firmware development and laboratory and STF testing.
- Completed interface firmware for ARES and AMPS payloads.
- 4 Green-tagged 85106
- 4 Green-tagged WS425
- Level B drawings for any special mounts or cables required
- Report on in-situ field testing with recommendation on operational status.

#### SCHEDULE:

- Buoy(s) of opportunity required where sonic can be installed in the #2 position.

NDBC POC: Regina Moore

### **7.2 Smart Sensor Operational Prototype**

**BACKGROUND:** SAIC has developed a breadboard concept version which uses very little power. The signal conditioning needs to be improved, and an operational (much smaller) version built and tested. Calibration of this prototype version needs to be completed. This will provide the capability to produce climate quality temperature and humidity measurements.

**SCOPE:** Convert present breadboard version of smart sensor to an operational prototype. Focus of effort should be to produce a system capable of climate quality measurements for an MP101A sensor (temperature and humidity). A test plan will be provided by NDBC.

#### **TASKS:**

1. Refine system to produce climate quality measurements (to be defined in TO)
2. Review and refine MSP430 operation for lower power
3. Refine calibration algorithm
4. Build 6 prototype units
5. Write System Design Document (SDD)
6. Develop level B package for building and testing the "smart" version of an MP101A
7. Conduct calibration tests
8. Conduct end-to-end test with a payload at SSC test stand
9. Write all inclusive test report

#### **DELIVERABLES:**

- Preliminary Design Review (PDR)
- Critical Design Review (CDR), conducted prior to fabrication, or code changes
- System Design Document (SDD) – NDBC to provide thematic outline in Task Order
- Level B package – Contains all information for producing the smart sensor such as; drawings (design files and PDF version), Bill of Materials (BOM) with parts specifications, software, board design and layout files, board schematic files, GERBER files, functional test procedure, software compilation and loading instructions
- Test report covering lab, calibration, and system end-to-end tests.
- 6 calibrated units ready for deployment.

**SCHEDULE:** Low/Medium priority

NDBC POC: Rodney Riley

## 8. Laboratory Improvement Projects

### 8.1 *Incorporate GPS Compass Into NDBC Procedures*

BACKGROUND: Modify NDBC procedures (perhaps 2 of them) to add use of the GPS compass to align anemometer mounts on buoys and C-MAN stations. This will benefit NDBC by reducing repair/overhaul costs of \$12k every two years on the Sperry gyrocompass and production costs.

SCOPE: Modify applicable NDBC procedures via ETPs. Conduct at least one dry run on each type. Make any necessary modifications and submit as level A.

#### TASKS:

1. Modify applicable NDBC procedures via ETPs.
2. Conduct at least one dry run on each test type, making any necessary modifications to the procedures.
3. Submit Level A Procedures.

#### Deliverables:

- ETP for Buoy installation of anemometers using the GPS compass
- ETP for C-MAN installation of anemometers using the GPS compass
- ECP to convert ETP for buoy to NDBC instruction
- ECP to convert ETP for C-MAN to NDBC instruction
- Final NDBC instruction for buoy anemometer installation
- Final NDBC instruction for C-MAN anemometer installation

Note: If determined to be appropriate, buoy and C-MAN procedures could be combined into one procedure.

#### SCHEDULE:

- Purchase of second GPS compass by NDBC required for applications that require remote use.

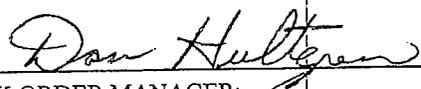
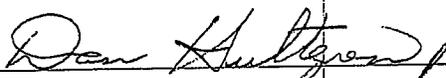
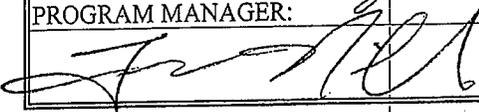
TECHNICAL MONITOR: Rodney Riley

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	Issue Date:	1 July 2008

# Technical Management Plan

**Title:** Observing Systems

*(This section is intentionally left blank for the main content of the Technical Management Plan.)*

<b>ORIGINATOR:</b>	
	Date Signed: 7-25-08
<b>TASK ORDER MANAGER:</b>	
	Date Signed: 7-25-08
<b>PROGRAM MANAGER:</b>	
	Date Signed: 7/25/08

## TECHNICAL MANAGEMENT PLAN

### CHANGE PAGE

Version No.	Purpose of Change	Pages Effected	Issue Date	Instructions
1	Initial Issue	All	7/1/2007	Initial Document
1.0, Change 1	Add Appendix E for Re-engineering Taskings for TAO	TOC, 21, Appendix E	13 August 2007	Insert change pages
1.0, Change 2	1. Add Appendix D for Re-engineering Taskings for Yellow Buoy 2. Add CLIN 0301XE Fabrication of 3-meter hulls 3. Add requirement to fabricate AMPS circuit boards to CLIN 0303BB 4. Update Appendix C to add Optional CLIN 3 deliverables (administrative change) 5. Move para. 6 from 1.1 to 1.2 on pg 3. (administrative change)	TOC, 3, 1, 5, 10, 16, 17, 22, 23, Appendix B-1, Appendix C, Appendix D	5 September 2007	Insert change pages
1.0, Change 3	Revise Appendix C for Yellow Buoy 1 <sup>st</sup> Quarter Deliverables change, Add 3 <sup>rd</sup> Quarter Yellow Buoy Optional Deliverables	Appendix C Pg 2, Pg 4 & Pg 5	14 September 2007	Insert change pages
1.0 Change 4	Revise Appendix C for Yellow Buoy 1 <sup>st</sup> Quarter Deliverables	Pages 8, 15, 20, Appendix C Pg 3	30 October 2007	Insert change pages

	Change; add language allowing field purchase of mission critical equipment			
1.0 Change 5	CLIN 0304CD – add requirement for development of ETP for testing prototype IM couplers	Appendix E pgs 4 and 10	27 November 2007	Insert change pages
1.0 Change 6	1. Change deliverable dates for 6-m full RIT and 2 <sup>nd</sup> quarter partial RITS; 2. Revise Table 2 to reflect changes made in Deliverables Schedule; 3. Extend POP on CLIN 0304CD and change Flux buoy deliverable dates 4. Change deliverable dates for CLIN 0303BE Task 7 deliverables in Appendix D.	Page 11, Appendix C, Appendix D pg 6, pg 10 Appendix E pg 1, pg 10	14 January 2008	Insert change pages
1.0 Change 7	1. Add fabrication efforts to convert TAO towers and bridles to standard configuration. 2. Change deliverable dates for TAO production and field service buoys IAW e-mail from NDBC dated 1/18/08. 3. Add Hurricane Buoy Service. 4. Para. 1.4 - Add requirement for	Pg 1, 5, 9, 11, 17, 20, 23-25 Appendix C Appendix D pg 7 & 10 Appendix E pg 6 & 10 Appendix F	23 April 2008	Insert change pages



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	<p>submission of Ship Certs and Documentation for Marine Vessel Support Services.</p> <p>5. Change deliverable dates for AMPS board production deliverables.</p> <p>6. Change deliverable dates for CLIN 0301XA deliverable.</p> <p>7. Revise Table 2 to adjust quantities and add YB 4<sup>th</sup> Qtr Optional Deliverables.</p> <p>8. Change deliverable dates for CLIN 0303BE task.</p> <p>9. Add Table 5 to define actual CLIN POP dates.</p> <p>10. Add DART Technical Refresh tasking</p>			
1.0 Change 8	CLIN 0303BB, Revise quantities of YB Optional deliverables and add seven (7) DW units	Pg 11, Appendix C	5/8/08	Insert change pages
2	Update for Contract Year 04	All	7/1/2008	Destroy all previous versions and replace with Version 2

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**ATTACHMENTS, APPENDICES, FIGURES AND TABLES**

- Appendix A - Reserved**
- Appendix B - Reserved**
- Appendix B-1 – AMPS Circuit Board Schedule**
- Appendix C – Deliverables**
- Appendix D-1 – Engineering Project Plan – CLIN 0303BE Yellow Buoy/C-MAN Operations and Engineering Support – CY04 Yellow Buoy Technical Refresh Project Plan**
- Appendix E-1 – Reserved**
- Appendix F – Engineering Project Plan – CLIN 0302AD DART Data Management Technical Refresh Project Plan**

- Table 1 - Communication Breakdown by Program**
- Table 2 – Yellow Buoy Production Quantities**
- Table 3 – RIT Definitions**
- Table 4 - TAO Production Quantities**
- Table 5 – TAO Cruise List**
- Table 6 - CLIN Period of Performance Definition**

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**PERIOD OF PERFORMANCE: July 1, 2007 – June 30, 2010**

**TO TYPE: FFP/CPFF Hybrid**

## Overview/Statement of Work

To maintain observing system field assets in order to provide reliable and accurate meteorological, atmospheric, oceanographic, tsunamic, water level and other observations in real time for the National Weather Service (NWS) National Ocean Observing System (NOOS) program, SAIC will maintain the network of buoys encompassing the Deep-Ocean Assessment and Reporting of Tsunamis (DART), “Yellow Buoy”/CMAN activities, and the Tropical Atmosphere Ocean (TAO) buoy array. This Task Management Plan incorporates a new “end-to-end” approach to operational support, including equipment preparation, industrial facility support, laboratory operations, cost-effective scheduled and unscheduled field service (including installation, deployments and equipment exchanges for all three buoy programs), as well as the operational engineering support to maximize the data availability of the existing network. Additionally, the scope of this TMP includes re-engineering efforts to improve the existing buoy programs.

This is a hybrid Task Order. The labor hours for management services and production tasking (except for DART and TAO production/integration, which is CPFF) are FFP. The labor hours for engineering, field service, travel, port services and communications are CPFF.

### 1.0 Operations Infrastructure Management Approach

The general management approach on this Task Order involves a new approach, combining multiple task orders from previous years into one overarching task order covering the production/integration efforts, the field service components, the operational engineering and re-engineering efforts for the DART, yellow buoy/CMAN and TAO buoy programs. The use of the term “Observing Systems” in this document refers to the collective DART, Yellow Buoy/CMAN and TAO buoy programs. The overarching tasks for Observing Systems encompassing Operations Infrastructure include Operations Management, Facility Management and Maintenance, Operations Engineering, Port Services and Communication Services and are described in this section. Accomplishment of tasks specific to the DART, yellow buoy/CMAN and TAO buoy programs are described in subsequent sections of this TMP.

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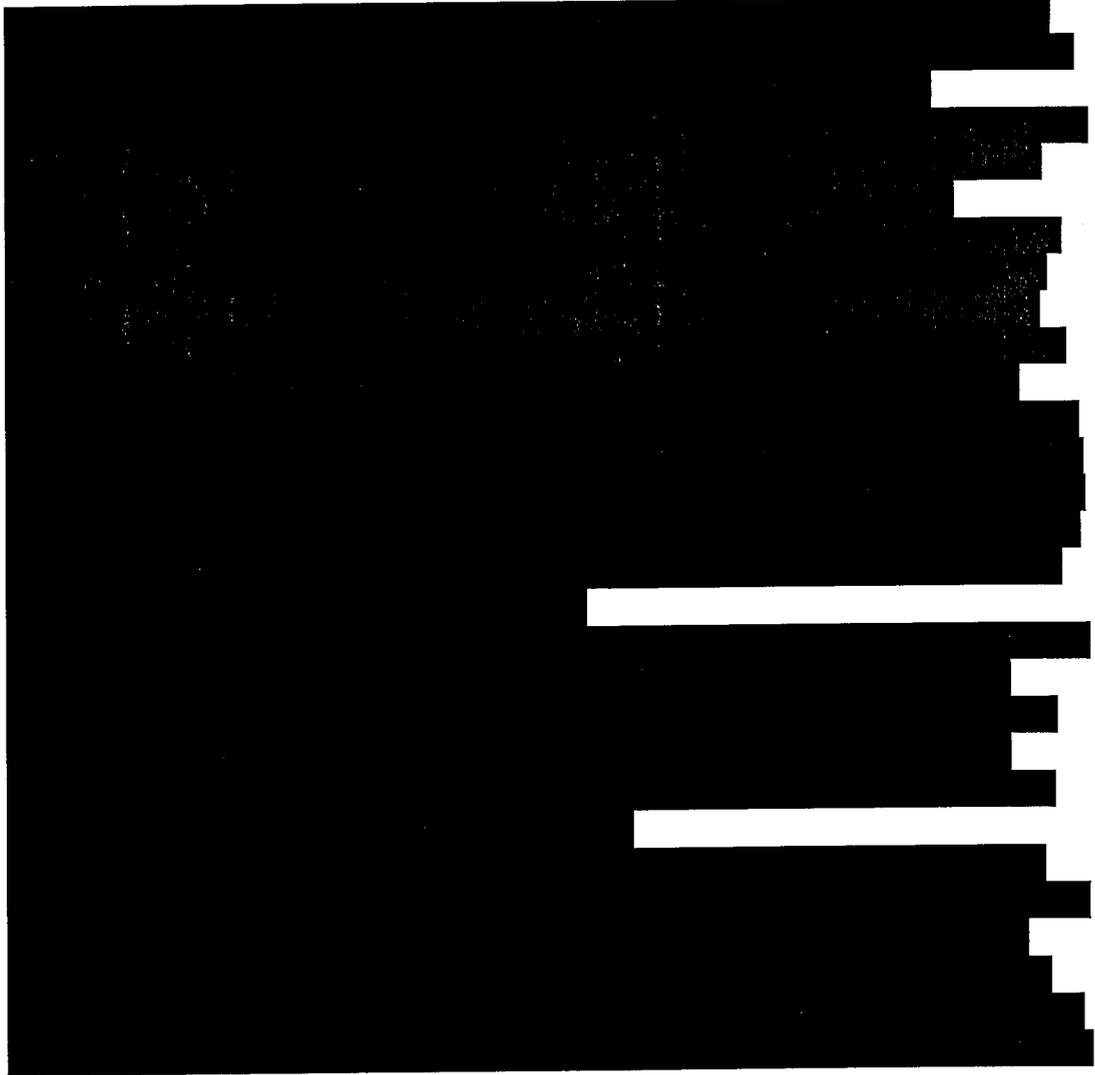
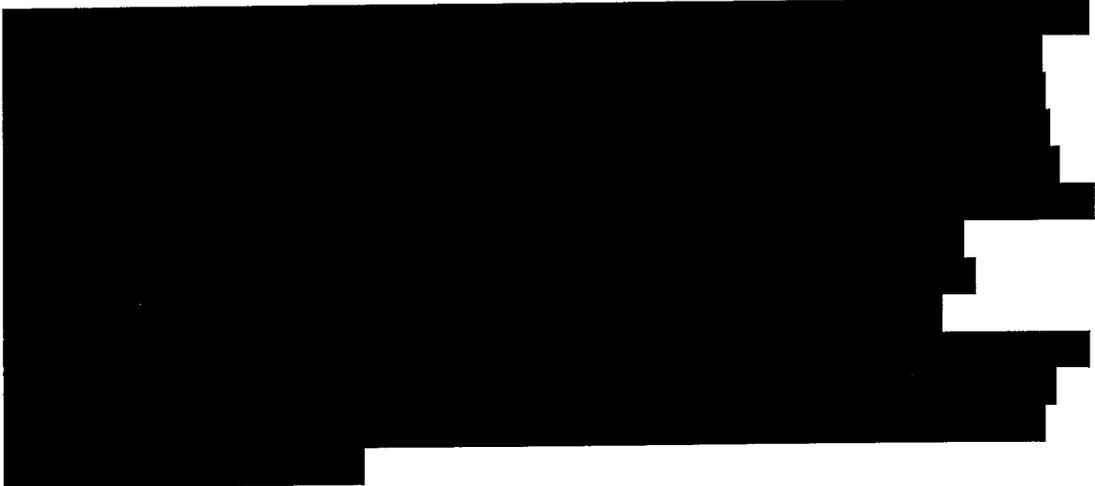
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**TABLE 3 – RIT DEFINITIONS**

<u>Item</u>	<u>Includes –</u>
3-Meter (Full)	<ul style="list-style-type: none"> <li>- Full Mechanical Refurbishment with hull repairs up to 150% of standard hull refurbishment (SHR). SHR = 240 hrs.</li> <li>- Full Preparation and Paint</li> <li>- Full Integration minus Augmentation</li> <li>- Testing through Successful Blue Tag-</li> </ul>
3-Meter (Partial)**	<ul style="list-style-type: none"> <li>- Includes some level of refurbishment and Integration</li> <li>- Testing through Successful Blue Tag</li> </ul>
6-Meter (Full)**	<ul style="list-style-type: none"> <li>- Full Mechanical Refurbishment with hull repairs up to 150% of standard hull refurbishment. SHR = 400 hrs.</li> <li>- Full Preparation and Paint</li> <li>- Full Integration minus Augmentation</li> <li>- Testing through Successful Blue Tag</li> </ul>
6-Meter (Partial)**	<ul style="list-style-type: none"> <li>- Includes some level of refurbishment and Integration</li> <li>- Testing through Successful Blue Tag</li> </ul>
10/12-Meter (Full)**	<ul style="list-style-type: none"> <li>- Full Mechanical Refurbishment with hull Repairs up to 150% of standard hull refurbishment. SHR = 1200 hrs.</li> <li>- Full Preparation and Paint</li> <li>- Full Integration minus Augmentation</li> <li>- Testing through Successful Blue Tag</li> </ul>
Moorings (full)	- Complete Mooring
Moorings (partial)	- Upper Mooring
Service Preparation	<ul style="list-style-type: none"> <li>- C-MAN Fabrication; not to exceed 1 major overhaul</li> <li>- FSV; not to exceed ninety (90) trips</li> </ul>

\*\* Contains LRU Set to support this task order and the field service task order throughout the period; not to exceed 110 LRU sets.  
Repair work conducted on buoys after the Blue Tag process is complete, will be charged to field service tasking.

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## 5.0 Supporting Documents and References

NDBC-4000 (Station Requirements Matrix Document)  
 NDBC Instruction 200.01 (Station Failure Response Policy)  
 K-Ship Standard Operating Instructions  
 TAO Field Service Manual

## 6.0 Implementation Plan

### 6.1 Work Breakdown Structure

See Appendix A for the work breakdown structure.

### 6.2 Performance Specification and Metrics

SAIC will deliver a Quality Assurance Plan (QAP) within fifteen (15) business days after award of this Task Order, which will allow NDBC to develop a Quality Assurance Surveillance Plan (QASP), which will be mutually agreed upon by the parties. The mutually accepted QASP will be incorporated into this task order.

### 6.3 Materials, Tools, Equipment and Training

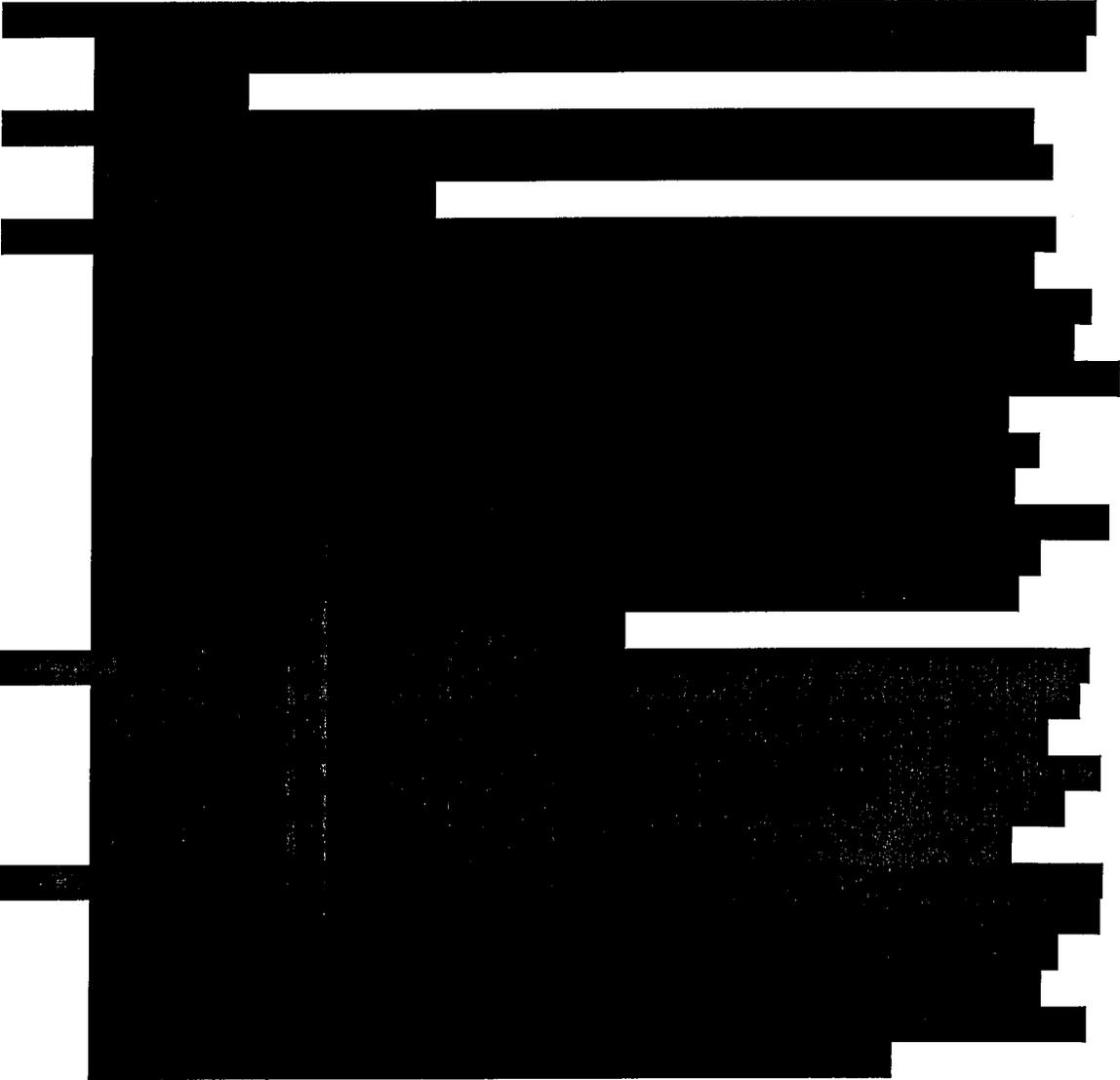
All hardware, software, tools, equipment and operational materials necessary to perform the work covered by this task are provided by NDBC. SAIC will utilize Document all available GFE/GFI in the performance of this work. SAIC has not included costs for any materials, tools or equipment in the cost proposal for this tasking, unless otherwise specifically noted.

Training is required under this task order to keep personnel up-to-date with industry standards and to maintain certifications to operate machinery and participate in certain field service activities. SAIC has proposed training for these personnel in the cost proposal for this task order. This training includes fall protection, soldering, forklift operations, small boat operations and first aid/CPR.

Travel is required under this task order and costs for travel are included within the cost proposal.

### 6.4 Assumptions and/or Deviations





**7.0 Milestones and Deliverables**

**7.1 Program Performance Schedule**

See Appendix B for the program performance schedule.

Table 6 below identifies the active Contract Line Item Numbers (CLINs) with their associated Period of Performance for which value and funding has been negotiated.

**Table 6 – CLIN Period of Performance Definition**

<b>CLIN Number</b>	<b>Negotiated/Funded Period of Performance</b>
0301XA	7/1/07 – 6/30/09
0301XB	7/1/07 – 6/30/09
0301XD	7/1/07 – 6/30/09
0301XE	9/12/07 – 6/30/09
0301XF	7/1/08 – 6/30/09
0302AA	7/1/07 – 6/30/09
0302AB	7/1/07 – 6/30/09
0302AC	7/1/07 – 6/30/09
0302AD	8/9/2008 – 3/30/2010
0303BA	7/1/07 – 6/30/09
0303BB	7/1/07 – 6/30/09
0303BC	7/1/07 – 6/30/09
0303BD	7/1/07 – 6/30/09
0303BE	7/1/07 – 6/30/09
0303BF	7/1/07 – 6/30/09
0304CA	10/1/07 – 6/30/09
0304CB	10/1/07 – 6/30/09
0304CC	10/1/07 – 6/30/09
0304CD	8/13/07 – 6/30/08

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## 7.2 Deliverables

See Appendix C for the Deliverables/Submittals Table.

## 8.0 Points of Contact



## 9.0 Cost Proposal

See the attached cost proposal. SAIC's cost proposal is based on the following:

1. SAIC has proposed labor costs in accordance with the subject contract Section B.6 Rate Schedule for Contract Year 4.
2. All assumptions included within this TMP.
3. All travel will be in accordance with the Federal Travel Regulations.
4. The negotiated/funded period of performance is beginning from July 1, 2007 through June 30, 2009.

### 9.1 Terms and Conditions

Terms and conditions governing this Task Order will be those currently in effect for Contract No. QA1330-05-CQ-1035.

### 9.2 Contract Type

This task order is a hybrid contract type. SAIC has proposed a Firm Fixed Price (FFP) for management and production labor, with the exception of the DART and TAO production efforts which will be under a Cost Plus Fixed Fee (CPFF) arrangement for Contract Year 4. Field Service labor and Engineering labor is proposed as CPFF. Other direct costs, to include travel, training, port services and communications for field service will be reimbursed on a CPFF basis.

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## 10.0 Payment Terms

- For the Firm Fixed Price elements of this task order, invoices shall be submitted upon completion of each SAIC accounting period. This consists of 13 equal payments over a one year period of performance. Periods of less than one year shall be prorated in accordance with the period of performance and the SAIC accounting periods covered. Payment shall be made within 30 days.
- For the Cost Plus Fixed Fee elements of this task order, invoices shall be submitted upon completion of each SAIC accounting period. Payment shall be made within 30 days.



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**APPENDIX A – RESERVED**



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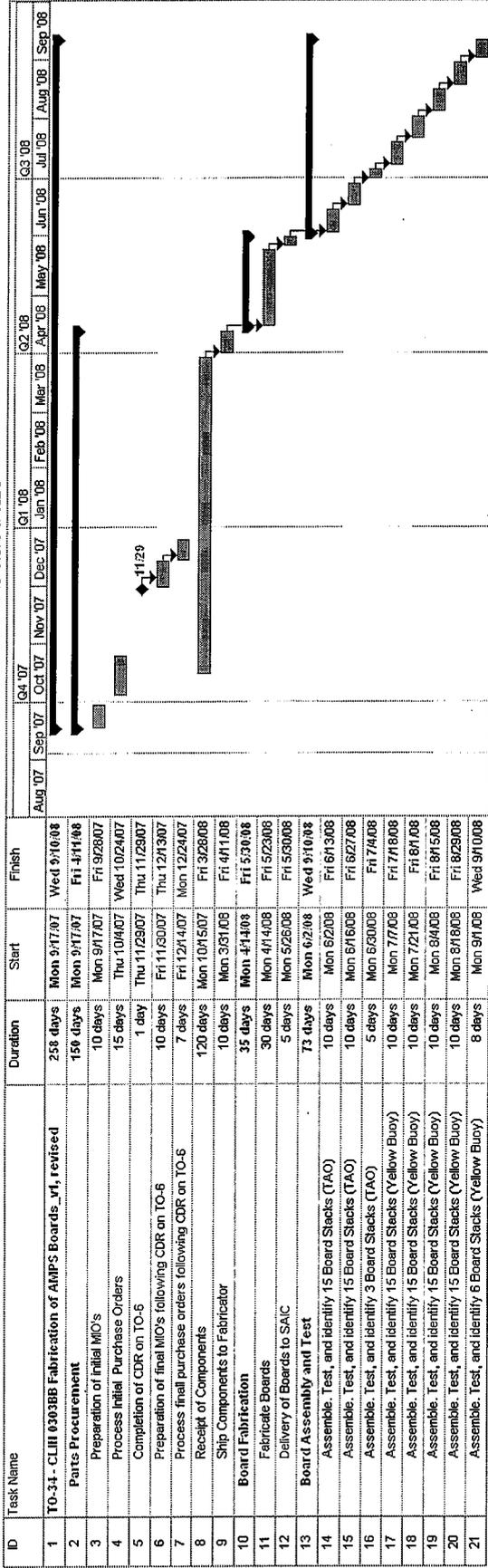
**APPENDIX B - RESERVED**



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### APPENDIX B-1 – AMPS Circuit Board Schedule



### APPENDIX C – DELIVERABLES/SUBMITTALS TABLE

Deliverables/Submittals	Due Date	Acceptance Criteria
<b>CLIN 1—Operations Infrastructure</b>		
<b>Operations Management</b>		
Monthly Preventative Maintenance/Calibration Logs	5 business days after each month end	Upon submission
Ship Certification Documentation	Within time required to complete the NOAA Charter Vessel Clearance process	Upon submission
Ship Technical Information and Photographs	Within time required to complete the NOAA Charter Vessel Clearance process	Upon submission
<b>Operational Engineering</b>		
Bi-weekly Report of Engineering Activities	Every other Tuesday beginning 7/8/2008	Upon submission
<b>DART Management</b>		
Weekly DART Production Status Report	Every Thursday	Upon submission
DART Field Service Plans (FSPs) for scheduled field service	Two (2) weeks prior to field service	Upon submission
DART FSPs for unscheduled field service	As soon as practical	Upon submission
<b>YB/CMAN Management</b>		
Moored Buoy Operations Schedule (MBOS)	10 calendar days before given quarter	Upon submission
Semi-annual CMAN Operations Schedule	12/21/2008, 6/22/2009	Upon submission
Bi-weekly Task Order Performance Reports	1 <sup>st</sup> and 15 <sup>th</sup> of each month	Upon submission
Quarterly GFE Confirmation and Mitigation Report	30 days before given quarter	Upon submission
Long Range Hull/Payload Availability Estimation Plan	9/30/2008	Upon submission
Asset Support Requests (ASRs) for scheduled field service	Six (6) weeks prior to scheduled activity	Upon submission
ASRs for unscheduled field service maintenance	As soon as practical	Upon submission
Field Service Plans (FSPs) for scheduled field service	Two (2) weeks prior to scheduled activity	Upon submission
FSPs for unscheduled field service	As soon as practical	Upon submission
Trip Reports	2 weeks after cruise end	Upon submission
Weekly Field Service/Production briefings	Each Wednesday	When held
Monthly Field Service Report of Activities	5 working days after each month	Upon submission
Coast Guard support requirements for FY08	7/10/08	Upon submission
Hurricane Buoy Operational Plan	1/30/2009	Upon submission
<b>TAO Management</b>		

<b>Deliverables/Submittals</b>	<b>Due Date</b>	<b>Acceptance Criteria</b>
TAO Draft Cruise Instructions	Forty (40) working days prior to cruise	NDBC Approved
Updates of the "Standard Operating Instruction" (SOI)	12/31/2008, 3/31/2009, 6/30/2009	NDBC Approved
SSC TAO equipment inventory	Quarterly	Upon Submission
Updates of the "Field Service Administrative Procedures"	12/31/2008, 3/31/2008, 6/30/2009	Upon Submission
Draft of the annual ship schedules for the Ka I'mimoana and Ronald H. Brown	August 2008	NDBC Approved
Planning and Detail Sheet completed and sent to PMEL	24 weeks prior to cruise start	Upon Submission
Final Cruise Instruction	30 calendar days prior to cruise start	NDBC Approval
Cruise Allocation Chart	Quarterly	Upon Submission
Initial Shipping Request	12 weeks prior to cruise start	Upon Submission
Mid Cruise Inventory (KA & RHB)	Completion of 1 <sup>st</sup> leg	Upon Submission
End of Cruise Inventory (KA & RHB)	Prior to reaching port	Upon Submission
Ford Island Inventory	End of Cruise terminating at Ford Island	Upon Submission
Ships NMAO Customer Satisfaction Survey	End of Cruise	Upon Submission
Trip Reports	2 weeks after cruise end	Upon Submission
List of SAIC Field Service personnel purchases of mission critical items.	2 weeks after cruise end	Upon Submission
Draft Cruise Report	4 weeks after cruise end	Upon Submission
Foreign clearance and ancillary science coordination progress report	12 weeks prior to cruise start	Upon Submission
Cruise Personnel travel arrangement progress report	12 weeks prior to cruise start	Upon Submission
Cruise Production Staging Checklist	12 weeks prior to cruise start	Upon Submission
Verified shipping document for cruise	4 weeks prior to cruise start	Upon Submission
Pre-cruise brief	1 week prior to personnel departure	When Held
Verification report of equipment arrival to vessel and port services	3 days prior to vessel departure	Upon Submission
Email from crew of vessel load completion and arrival date to port	1 day prior to vessel departure	Upon Submission
Summary of daily emails of cruise activity	End of cruise	Upon Submission
Checklist of data collected during the cruise (Raw CTD data, raw sensor data, auto-salinity data, ancillary science data)	End of the cruise	Upon Submission

Deliverables/Submittals	Due Date	Acceptance Criteria
<b>3-Meter Buoy Hulls</b>		
Two 3-Meter Buoy Hulls Fully Fabricated and Tested	12/31/2008	Successful completion of watertight integrity testing and lifting eye load test
Three 3-Meter Buoy Hulls Fully Fabricated and Tested	3/31/2009	
Two 3-Meter Buoy Hulls Fully Fabricated and Tested	6/30/2009	
<b>Reliability Engineering</b>		
Monthly Equipment Performance Report	5 business days after each month end	Upon submission
2008 Annual Equipment Performance Summary and Recommendations	4/18/09	Upon submission
<b>CLIN 2 – DART</b>		
DART production of Buoys #50 -52	9/30/2008	Successful blue-tag
DART production of Buoys #53-54	12/31/2008	Successful blue-tag
DART production of Buoy #55	3/31/2009	Successful blue-tag
DART Full RIT	4/1/2009	Successful blue-tag
DART Full RIT	5/15/2009	Successful blue-tag
DART Full RIT	6/30/2009	Successful blue-tag
DART Full RIT	6/30/2009	Successful blue-tag
DART Full RIT	6/30/2009	Successful blue-tag
DART Trip Reports for scheduled/unscheduled field service	Within two (2) weeks of technician's return from field service activity	Upon submission
DART Operational Schedule	7/9/2008	Upon submission
GFE Property Requirements Report	7/9/2008	Upon submission
Quarterly Update to GFE Property Requirements Report	Fifteen (15) working days prior to beginning of quarter	Upon submission
<b>CLIN 3 – Yellow Buoy/CMAN</b>		
Ten 3m Full RITs	6/30/2009	Successful Blue tag
Four 6m Full RITs	6/30/2009	Successful Blue tag
One 10m/12m Full RIT	6/30/2009	Successful Blue tag
Four 3m Partial RITs	6/30/2009	Successful Blue tag
Four 6m Partial RITs	6/30/2009	Successful Blue tag
Two 3-meter Rack Fabrications	6/30/2009	Upon QA acceptance
One CMAN fabrication	6/30/2009	Upon QA acceptance
Seven Directional Wave Units Installed	6/30/2009	Successful Blue Tag
Twenty Full Moorings	6/30/2009	Upon QA acceptance
Twelve Partial Moorings	6/30/2009	Upon QA acceptance
Eighty-two LRU sets-Buoy	6/30/2009	Successful Green Tag
Twenty-eight LRU sets-CMAN	6/30/2009	Successful Green Tag

Deliverables/Submittals	Due Date	Acceptance Criteria
Ninety Service Preps	6/30/2009	Upon completion of checklist in FSP
Trip reports for scheduled/unscheduled field service	Within two (2) weeks of technician's return from field service trip	Upon submission
Operational Engineering Project Plans	Within 10 working days following approval to proceed	Upon submission
<b>Optional CLIN 3 Deliverables (includes Earmarks)</b>		
One 10/12m Full RIT (carryover from CY03)	9/30/2008	Successful Blue Tag
Eleven 3m Full RITs	6/30/2009	Successful Blue Tag
Five 6m Full RITs	6/30/2009	Successful Blue Tag
One 10/12m Full RIT	6/30/2009	Successful Blue Tag
Five 3m Partial RITs	6/30/2009	Successful Blue Tag
Two 6m Partial RITs	6/30/2009	Successful Blue Tag
Fourteen Full Moorings	6/30/2009	Upon QA acceptance
Twenty-five LRU sets-Buoy	6/30/2009	Successful Green Tag
Four LRU Sets-CMAN	6/30/2009	Successful Green Tag
Twenty-two Service Preps	6/30/2009	Upon completion of checklist in FSP
Thirteen Directional Wave Units Installed	6/30/2009	Successful Blue Tag
Six 3-m Rack Fabrications	6/30/2009	Upon QA Acceptance
Two OSM Assemblies	6/30/2009	Successful Green Tag
One Modified Bridle	6/30/2009	Upon QA Acceptance
<b>AMPS Circuit Board Sets</b>		
Thirty-three TAO AMPS Board Sets	(15) 9/30/2008 (15) 10/15/2008 (3) 10/25/2008	Successful Green Tag Cover sheet uploaded to iNUN
Sixty-six AMPS Yellow Buoy Board Sets	(15) 11/5/2008 (15) 11/20/2008 (15) 12/16/2008 (15) 12/31/2008 (6) 1/15/2009	Successful Green Tag Cover sheet uploaded to iNUN
<b>CLIN 4—TAO</b>		
TAO production of 55 moorings and 4 subsurface ADCP moorings	Per the TAO Replacement and Maintenance Plan	Successful blue-tag (payload)/completed staging (mooring)

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APPENDIX D-1

## Engineering Project Plan

**Task Order 34, CLIN 0303BE – Yellow Buoy/C-MAN Operations and Engineering Support - CY04 Yellow Buoy Technical Refresh**

**PERIOD OF PERFORMANCE: July 1, 2008 – June 30, 2009**

### 1.0 SCOPE and STATEMENT of WORK

#### 1.1 General Scope:

The scope of Project Plan is to provide operational engineering support for a number of improvements to existing NOOSS systems which have been identified, that will improve reliability, serviceability and data availability. SAIC will develop requirements, provide for testing, development and operational engineering support for the tasking in the following Statement of Work.

In CY04 NDBC has developed sub-task heading for the Technical Refresh work. The headings are:

- Task 1 Mechanical/Architectural Projects
- Task 2 Communications Projects
- Task 3 Payload Projects
- Task 4 Ocean Sensor Projects
- Task 5 Power System Projects
- Task 6 Waves Projects
- Task 7 Met Sensors Projects
- Task 8 Laboratory Improvement Projects

Under these sub-task heading all tasks are prioritized in order of the NDBC with the first the highest priority. Tasks are to be estimated and tracked per cost and labor hour individually.

Table 1. Priority of Technology Refresh Engineering Projects CY04

RANK	Task #	Title	NDBC POC
1	1.2.1	Weather Buoy Packaging of the AMPS payload	MOP Field/Operations Engineer
2	3.1	AMPS Certification for Weather (Wx) Fleet	MOP

			Field/Operations Engineer
RANK	Task #	Title	NDBC POC
3	7.1	Integrate Vaisala WS425 Ultrasonic Anemometer into AMPS & ARES and Field Test RM Young and Vaisala Sonics	Sensor systems & Technical Coordinator
4	1.2.2	Retrievable Mooring Concept	Ocean/Mechanical systems & New Developments
5	2.1	Frequency Management Update	Frequency Manager
6	6.1	Provide Technical and Engineering Support for Waves & Currents Tests	Ocean and Wave measurement systems
7	2.3	Operational Prototype of Hand-held Wireless Communication with ARES & AMPS	Payload & communication systems
8	2.2	Standalone Position Reporting Operational Prototype	Ocean and Wave measurement systems
9	3.2	Sutron Expert payload setup and testing as CMAN station	Payload & communication systems
10	7.2	Smart Sensor Operational Prototype	Ocean and Wave measurement systems
11	5.1	Develop a Lithium Secondary Battery Power system for NOOS and TAO	Power systems

## 1.2 Mechanical/Architectural Projects

### 1.2.1 Task 1 - Weather Buoy Packaging of the AMPS payload

#### Background

The AMPS "yellow can" connectors are too densely spaced to be field serviceable. NDBC's long-range needs will be well served to make the AMPS enclosure more robust now, before populating the fleet with lower quality products.

### Scope

Draw on the experience of TAO, DART, Weather (Wx) Buoy, and NOOS optimization to develop a packaging for AMPS in a 3-meter buoy that is reliable and serviceable at sea. Build and lab test 2 prototype units. The AMPS circuit board stacks for these prototypes will be taken from the existing inventory allotment for Wx buoy production. The focus will primarily be cable selection and enclosures. Wx buoy firmware enhancements are not funded under task 1.2.1.

### Tasks

1. Document the enclosure design and 3-meter integration. Enclosure shall be applicable for all buoys but use 3-meter as base example to meet tolerances.
2. Document changes to AMPS related test plans/procedures
3. Hold peer/NDBC reviews.
4. Modify lab test panel to accommodate new connector arrangement for AMPS.
5. Build and functionally test 2 AMPS units.

### Deliverables

- Preliminary Design Review (PDR)
- Critical Design Review (CDR) conducted prior to fabrication
- Level B package that includes:
  - Enclosure fabrication details
  - 3-meter integration details
  - Cable drawings
- Updated Test Plans/Procedures (including but not limited to Assembly, Green Tag, Enclosure and Magnetic Correction)
- Modified lab test panel for AMPS
- AMPS units ready for certification/testing deployment

### Schedule

- Presently a reimbursable project on 44013 is awaiting a 3m AMPS deployment to interface to an ocean sensor tail.
- A 12-meter buoy of opportunity may be available this October (42001).

### 1.2.2 *Retrievable Mooring Concept*

#### Background

The US Coast Guard, or some personnel in the USCG, has decided to hold NDBC to a federal regulation that prevents the intentional dumping of plastics into the ocean. While the NDBC has an exemption to this federal regulation it is expected to adhere to all the regulations imposed by the USCG when

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operating on their vessels. Hence, NDBC must investigate how the nylon line in buoy moorings can be retrieved.

#### Scope

The purpose of this tasking is to determine the impact of modifying existing NDBC mooring design concepts such that they can be retrieved.

#### Tasks

1. Evaluate the existing mooring concepts for suitability for retrieval
2. Provide recommendations for modifications to allow the moorings to be retrieved.
3. Conduct mooring analysis on any changes that would alter the scope or dramatically change the overall cross-section of the mooring
4. Provide an analysis including additional costs (separating initial capital investments (i.e. Acoustic Releases) from periodic maintenance costs), additional time on station, equipment needed to accomplish, and technical issues.
5. Identify pros and cons of recovering the moorings
6. Make recommendation for recovery intervals based on mooring design type

#### Deliverables:

- Whitepaper that addresses the all tasks listed above.

Schedule: High Priority

## 2.0 Communications Projects

### 2.1 Frequency Management Update

#### Background

Updates are required for the National Telecommunications and Information Administration (NTIA) spectrum management database for NDBC transmitters. It is an NWS and NTIA requirement that NDBC RF transmitter information be kept up to date in this database.

#### Scope

This purpose of this task is to provide NDBC updates to the NTIA transmitter database, and to keep this database current. The frequency management task should be transitioned to the NTSC where the records are kept as to where and what transmitters are currently installed. This frequency management must include (but is not limited to) GOES and ARGOS transmitters. Iridium, AIS and wireless modems are not included in the NTIA spectrum. However, the wireless modem may be on an unlicensed spectrum, NTSC will determine requirement, if any. After the initial spin-up of this task, the maintenance of this

database should become part of the standard operational tasking. It is estimated that once the database is brought up-to-date the maintenance of the database should be less than 500 hours/year.

#### Tasks

1. Get NDBC database logon information from the NTIA.
2. Setup a dedicated computer for frequency management.
  - This computer and the Spectrum software must be treated as controlled access technology with restricted login and restricted physical access.
  - Install the NTIA Spectrum software
  - Maintain the NTIA Spectrum software with updates.
3. Appoint NTSC primary and secondary responsible parties
4. Attend 1-week training on frequency management
5. Assess current NDBC database information and update old entries
6. Add any new entries since last update
7. Determine when NTIA has to be notified of changes
8. Provide status of activities in the Engineering Bi-weekly activities report

#### Deliverables

- Computer setup with NTIA Spectrum software with controlled access
- Completion of training of two NTSC personnel
- Fully updated and maintained database
- Monthly status report meeting on updates with the NDBC Frequency Coordinator

#### Schedule

- Procurement of computer
- Schedule training

### ***2.2 Standalone Position Reporting Operational Prototype***

#### Background

If the present prototype shows promise from CY03, an update of the operational model will need to be completed to show its worth, or not. If it proves cost effective, move forward with development of operational prototypes. This new position reporting system should enhance NDBC buoy position reporting capability at lower cost.

#### Scope

Update feasibility of an operational model. If NDBC agrees to proceed, build & test 4 operational prototype units. The units should be the final version ready for field testing. Once lab and end-to-end test at SSC are complete, finalize SDD and production package (level B).

#### Tasks

- a. Technical and cost benefit analysis of new Iridium position reporting system. The analysis should develop an operational model (how will we configure and operate the units and what's the annual cost) that shows the operational feasibility in comparison to the current Telonics ARGOS drift detectors.

*Upon approval from NDBC to continue with effort:*

2. Build 4 prototype units
3. Write System Design Document (SDD). Determine where strap-on position reporting module will mount for All programs.
4. Develop level B package for building and testing the system
5. Write system test plan (STP). This plan should also include information regarding ESS testing, certification and test locations.
6. Write test report
7. Determine how data will be reported shoreside.

#### Deliverables

- Update, document, and present operational feasibility
- SDD per NDBC thematic outline
- STP
- Production Level B package submitted via ECP
- Build 4 operational prototypes (final version ready for field certification)
- SDD
- Test report

#### Schedule

- Approval of NDBC to continue after benefit analysis
- Buoy of opportunity to test prototypes

### ***2.3 Operational Prototype of Hand-held Wireless Communication with ARES & AMPS***

#### Background

A prototype wireless modem system for connection to either an ARES or AMPS payload used for short-range, remote test and diagnostics purposes was developed under Task order 34. A level B package was developed with recommended modem packaging, fabrication, and buoy installation methods.

#### Scope

This task is intended to carry prototype development forward and develop two systems to production, develop level B drawings and perform extended testing on a buoy. Extended testing is intended to ensure the system does not interfere with other buoy RF systems or affect sensor measurements. Finally the system

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will be field tested to gauge effective range and performance of the system under actual field conditions.

#### Tasks

1. Fabricate two hand-held wireless communication system remote modem assemblies to current level B package requirements. A user modem will also be provided with each assembly.
2. Integrate a remote modem assembly pair of modems on a fully integrated, operational 3-meter platform of opportunity.
3. Conduct an extended test at SSC of a system on this fully integrated, operational 3-meter platform to ensure there is no interference, anomalies, or interaction with other buoy RF systems such as GOES, sensor measurements, or GPS-PTT transmitters.
4. Provide a report on test results.
5. Deploy the modem with the operational 3-m buoy and test the modems in the field to determine effective range and *in-situ* performance.
6. Develop green tag procedure for wireless modems.

#### Deliverables

- Two modem pairs fabricated to current level B, as-built drawings, functionally tested.
- Test plan for testing at SSC on a fully integrated, 3-meter platform of opportunity.
- Test plan for field testing field testing on a fully integrated, 3-meter platform of opportunity.
- Data analysis report and on buoy sensor data to determine the effects, if any, of the modem system on buoy sensors and systems.
- Test report documenting results of testing at SSC on an integrated platform
- Test report documenting results of field testing.

#### Schedule:

- Buoy of opportunity

### 3.0 Payload Projects

#### 3.1 AMPS Certification for Weather (Wx) Fleet

##### Background

Development and testing of software and hardware updates to the original AMPS prototype is nearing completion. It is prudent at this time to begin planning of field certification of the system. Certification of AMPS for the Wx Fleet will help alleviate pressure on NDBC's dwindling payload inventory.

##### Scope

Install, test, and certify an AMPS payload on a 12-meter dual-system station (42001 is suggested). Both systems must include meteorological sensors and directional waves. Weather buoy deployment menus need to be updated but will not be included in this tasking of 3.1. May need to determine procedure for payload spin. Integration of the primary system and deployment of the buoy will not be funded under this tasking. No repeat services to the station will be funded either.

#### Tasks

1. Recommend dual-system station for comparison testing.
2. Develop integration and cabling drawings for the selected station.
3. Perform integration
4. Perform long term comparison
5. Submit test report with certification recommendation

#### Deliverables

- Level B package that includes:
  - Buoy integration details
  - Cable drawings
- Updated Test Plans/Procedures (including but not limited to Buoy Spin for Compass Compensation, PEST and FIT)
- Test Report with certification recommendation

#### Schedule:

- The present inventory of ARES payloads is projected to be exhausted within 18 months. A certified replacement must be readied for the fleet as soon as possible.
- Local testing of the new AMPS is scheduled to be complete by July 2008.

### ***3.2 Sutron Expert payload setup and testing as CMAN station***

#### Background

Existing NDBC sensors can be directly connected to the Sutron Xpert without hardware modifications, however, not all sensors have built-in software modules in the Xpert to calculate and process data to NDBC requirements. As a result, this task will involve some software development. NDBC engineering has demonstrated that all sensors listed below can be connected to the Sutron Xpert without hardware modifications, with the exception of the Setra barometer, which requires a DC to DC converter to provide a -12 Volt DC supply required by the Setra barometer. For future consideration, the Setra barometer can be purchased in a standard configuration of a single-ended +12 VDC supply, so the requirement of a DC-DC converter is not set in stone.

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### Scope

Integrate a Sutron Xpert payload to the following sensors and perform inter-comparison testing with the OSTF. Integration of the Xpert shall include design and fabrication of a marine-compatible enclosure for the Xpert, Xpert I/O modules, wiring harnesses from I/O modules that allow direct connection of sensors to a Hoffman enclosure without junction boxes.

### Tasks

Sensors to integrate:

- 2 ea RMY wind sensors, including speed and vane angle
- 2 ea NMEA RS-232 compasses
- 2 ea Setra barometers
- 1 ea Air temperature sensor
- 1 ea Ocean Temperature sensor
- 1 ea Rotronics AT/RH sensor
- 1 ea DWPM
- 1 ea Sutron Satlink high data rate transmitter
- 1 ea NDBC-3610 Power Control Module

NDBC Engineering has tested all of the above sensors with the Sutron Xpert payload with the exception of the DWPM, Sutron Satlink high data rate transmitter and NDBC-3610 Power Control Module. But NTSC plans to integrate all sensors with the payload.

The integration will require some software development to perform the sensor calculations required from NDBC platforms. Software development can be done in Xpert Basic, which is a Sutron-developed derivative of Microsoft Visual Basic, or alternatively, can be done in C which can then be interfaced to Sutron Xpert Basic. NDBC Engineering will work with NTSC Software Engineering to demonstrate work completed prior to tasking of 3.2 for transitional purposes.

Software development tasks presently known to be required are:

- Subroutine to calculate continuous winds
- Subroutine to calculate wind speed and direction—includes calculation of all NDBC wind speed and direction quality control parameters such as raw compass average, corrected compass average, raw vane angle averages, and so on.
- Implementation of Compass deviation and magnetic variation corrections, including the ability to input variation and deviation tables as a parameter for an individual station
- Subroutine to format the GOES message for compatibility with NDBC shore-side processing software

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- DWPM driver software
- Calculation of sea level pressure from barometric pressure readings
- Calculation of 3- and 5-second gusts
- Calculation of dew point
- Continuous barometer subroutine
- Calculation of NDBC power system QA information

#### Deliverables

1. Marine-compatible enclosure with Sutron Xpert hardware installed
2. Fabrication drawings for Marine-compatible enclosure for Sutron Xpert and level-B sensor wiring drawing package
3. Software to compute the following to NDBC requirements, including source, object and executable where appropriate
  - Subroutine to calculate continuous winds
  - Subroutine to calculate wind speed and direction—includes calculation of all NDBC wind speed and direction quality control parameters such as raw compass average, corrected compass average, raw vane angle averages, and so on.
  - Implementation of Compass deviation and magnetic variation corrections, including the ability to input variation and deviation tables as a parameter for an individual station
  - Subroutine to format the Xpert output GOES message for compatibility with NDBC shore-side processing software
  - DWPM driver software
  - Calculation of sea level pressure from barometric pressure readings
  - Calculation of 3- and 5-second gusts
  - Calculation of dew point
  - Continuous barometer subroutine
  - Calculation of NDBC power system QA information
4. Test plan for inter-comparison to OSTF standard
5. Data Analysis and Test Report

#### Schedule:

- Software development

#### 4.0 Ocean Sensor Projects

None at this time

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## 5.0 Power System Projects

### 5.1 Develop a Lithium Secondary Battery Power system for NOOS optimization buoy and TAO

#### Background

NDBC began using lithium batteries in the TAO program in 2007. Due to the higher cost and hazards of transporting, warehousing and handling lithium primary batteries, and the move of the industry toward rechargeable lithium batteries it is believed that rechargeable lithium batteries might be more beneficial for NDBC applications.

#### Scope

The purpose of this task is to identify available lithium battery chemistries and formats that are suitable for use in the TAO program and in the NOOS optimization buoy. A cost / benefit analysis along with market survey will be provided that evaluates the benefits of available rechargeable lithium batteries over the primary lithium batteries currently used.

#### Tasks

1. Compare areas of safety, handing, and transportation, and warehousing costs.
2. Determine rational/recommendations for procuring at least three alternative prototype rechargeable lithium batteries for evaluations, no drawing required.
3. Need to determine use of a charger or controller for the rechargeable batteries.

#### Deliverables

- White paper on the benefits of rechargeable lithium batteries recommend for use by NDBC

Schedule: Low Priority

## 6.0 Waves Projects

### 6.1 Provide Technical and Engineering Support for Waves & Currents Tests

#### Background

Various experimental tests are planned for the Fall '08 time frame. Potential two sea bottom equipment sleds will need to be outfitted with equipment and some tests conducted. This task provides mechanical technician and other engineering support to complete desired underwater testing activities.

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Scope

Build and or fabricate mounts and cables to support waves and currents testing on and around station 42007. The goal is to follow the Acoustic Wireless tasking from CY03.

Tasks:

1. Design and build relatively minor brackets, mounts, cables. The following brackets may be required:
  - ADCP to equipment sled bracket
  - AWAC to equipment sled bracket
  - AWAC battery canister to equipment sled bracket
  - LinkQuest acoustic modem to equipment sled bracket
  - LinkQuest battery canister to equipment sled bracket
  - Benthos acoustic modem to equipment sled bracket
  - Acoustic float release to equipment sled bracket
  - LinkQuest acoustic modem to 3 meter bridal bracket
  - Experimental sensor to 3-meter bridal racket
  - Above water battery canister to 3-meter buoy bracket.

Drawing will be added to Level B package but may not be complete and could possibly have redlines at time of production and deployment.

NDBC Engineering will perform testing of the oceanographic package at the canal. NTSC will provide Technicians to help simulate deployment at NDBC dock and Engineering will be available to assist in technical debugging capabilities.

2. Support NDBC engineering tests and data analysis efforts. A Chief Scientist will be needed for wave analysis but is not funded under this task 6.1.

Deliverables

- Sensor mounts fabricated per provided drawings.

Schedule

- Deployment of 42007

**7.0 Met Sensors Projects**

**7.1 Field Test RM Young**

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### Background

NDBC is currently developing ARES and AMPS software to integrate the RM Young model 85106 marine ultrasonic anemometer. Laboratory testing at the Sterling Field Support Center indicated that the 85106 was the best suited RM Young for field use in areas that can experience hurricane force winds.

### Scope

The purpose of this task is to complete the field testing of the RM Young 85106.

### Tasks

1. Create “green-tag” procedures in the form of ETPs (converted to NDBC procedures upon successful field testing and certification for field use).
2. “Green-tag” four of each model 85106 for field testing.
3. Create any drawings required for special mounting adapters can interface cables if required
4. Fabricate any mounting brackets required for field deployment.
5. Install these “green-tagged” units on operational stations in the number two position for field performance evaluation. NTSC will work with NDBC to determine recommended station locations.
6. After at minimum of 4-months in the field evaluate sensors performance for recommendation on operational status.

### Schedule

- Buoy(s) of opportunity required where sonic can be installed in the #2 position.

## 7.2 Smart Sensor Operational Prototype

### Background

SAIC has developed a breadboard concept version which uses very little power. The signal conditioning needs to be improved, and an operational (much smaller) version built and tested. Calibration of this prototype version needs to be completed. This will provide the capability to produce climate quality temperature and humidity measurements.

### Scope

Convert present breadboard version of smart sensor to an operational prototype. Focus of effort should be to produce a system capable of climate quality measurements for an MP101A sensor (temperature and humidity). A test plan will be provided by NDBC.

### Tasks

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1. Refine system to produce climate quality measurements (to be defined in TO)
2. Review and refine MSP430 operation for lower power
3. Develop/refine calibration algorithm
4. Build 6 prototype units
5. Write System Design Document (SDD)
6. Develop level B package for building and testing the “smart” version of an MP101A
7. Conduct calibration tests
8. Conduct end-to-end test with a payload at SSC test stand. Determine need for firmware change in payload or make changes shoreside for processing of data.
9. Write all inclusive test report

Deliverables

- Preliminary Design Review (PDR)
- Critical Design Review (CDR), conducted prior to fabrication, or code changes
- System Design Document (SDD) – NDBC to provide thematic outline in Task Order
- Level B package – Contains all information for producing the smart sensor such as; drawings (design files and PDF version), Bill of Materials (BOM) with parts specifications, software, board design and layout files, board schematic files, GERBER files, functional test procedure, software compilation and loading instructions
- Test report covering lab, calibration, and system end-to-end tests.
- 6 calibrated units ready for deployment.

Schedule: Low/Medium priority

**8.0 Laboratory Improvement Projects**

None at this time.

**9.0 Management Approach:**

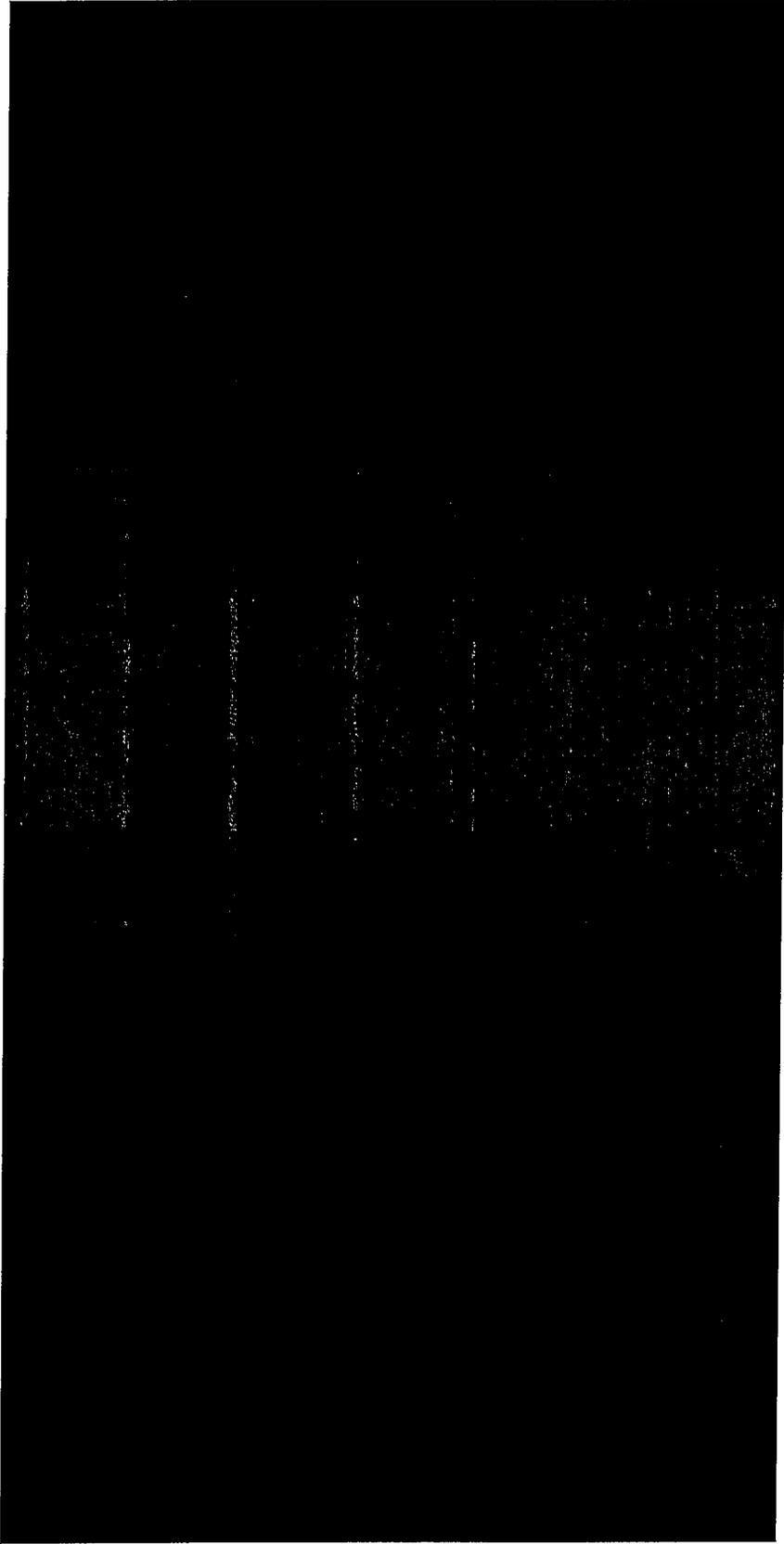
SAIC will provide the necessary system engineers, software engineers, ocean mechanical engineers and technicians to assist in accomplishing the above stated tasking. The engineering staff will work with NDBC personnel to develop the requirements and solicit concurrence prior to proceeding with procurements and further system design. These tasks are very broad in scope and encompass several

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disciplines for development and testing. SAIC will team with NDBC to prioritize tasking as it relates to ongoing engineering efforts.

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10.0 D-1 SCHEDULE: *Program Performance Schedule:*





Contract No.: QAI1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, Contract Year 04  
 Offeror: Science Applications International Corporation - TSC (Co 6)  
 Proposal No.: Task Order 34, Observing Systems CY04, Version 4  
 Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), Contract Year 04  
 Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN BREAKOUT

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Consumable Inventory Estimate by Quarter by Program (Cost)					
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
YB					
DART					
TAO					
Ident					

Transportation Estimate by Quarter by Program (Cost)					
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
YB					
DART					
TAO					

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Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, Contract Year 04

Offeror: Science Applications International Corporation - TSC (Co 6)

Proposal No.: Task Order 34, Observing Systems CY04\_Version 4

Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), Contract Year 04

Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)



SAIC PROPRIETARY

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Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, CLIN 0301X CY04  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 0301X, CY04, Version 4  
Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), CLIN 0301X Contract Year 04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

FFP CLIN 1.1 Operations Management



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, CLIN 0301X CY04  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 0301X, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), CLIN 0301X Contract Year 04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

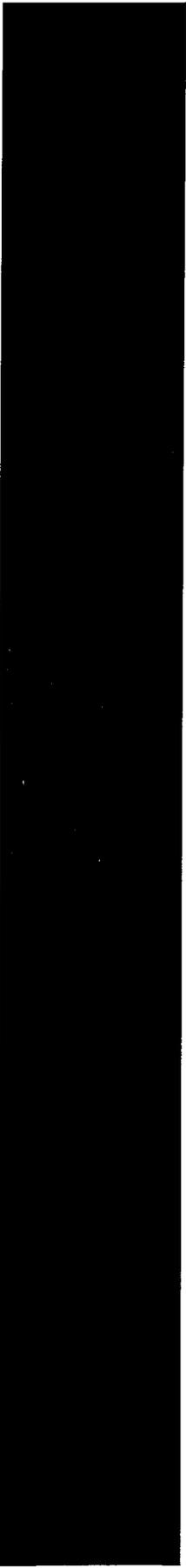
CPFF CLIN 1.2 Operational Engineering



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, CLIN 0301X, CY04  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 0301X, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), CLIN 0301X Contract Year 04  
Period of Performance: 01 Jul 08 - 30 Jun 09



Travel Detail CLIN 0301XB



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, CLIN 0301X CY04

Offeror: Science Applications International Corporation - TSC (Co 6)

Proposal No.: Task Order 34, Observing Systems CLIN 0301X, CY04, Version 4

Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), CLIN 0301X Contract Year 04

Period of Performance: 01 Jul 08 - 30 Jun 09

**Other Direct Costs (ODCs)**



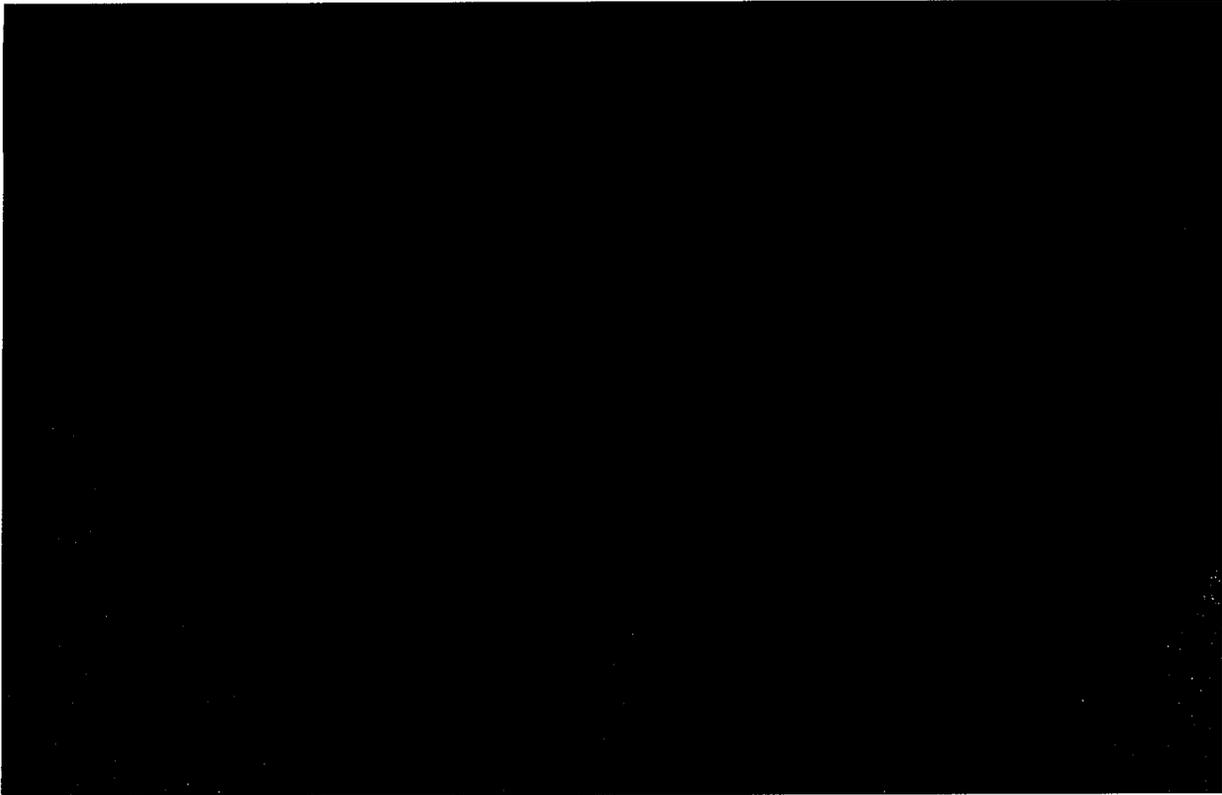
Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems, CLIN 0301X CY04  
Offeror: *Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 0301X, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS), CLIN 0301X Contract Year 04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 1.6 Other Engineering Support



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CY04 DART Production



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

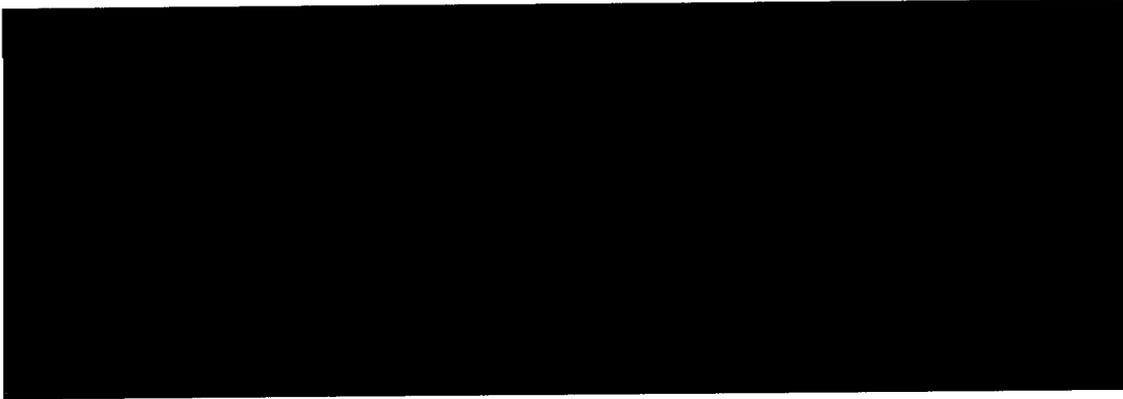
CPFF 0302AB DART Field Service



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: 01 Jul 08 - 30 Jun 09

**Other Direct Costs (ODCs)**

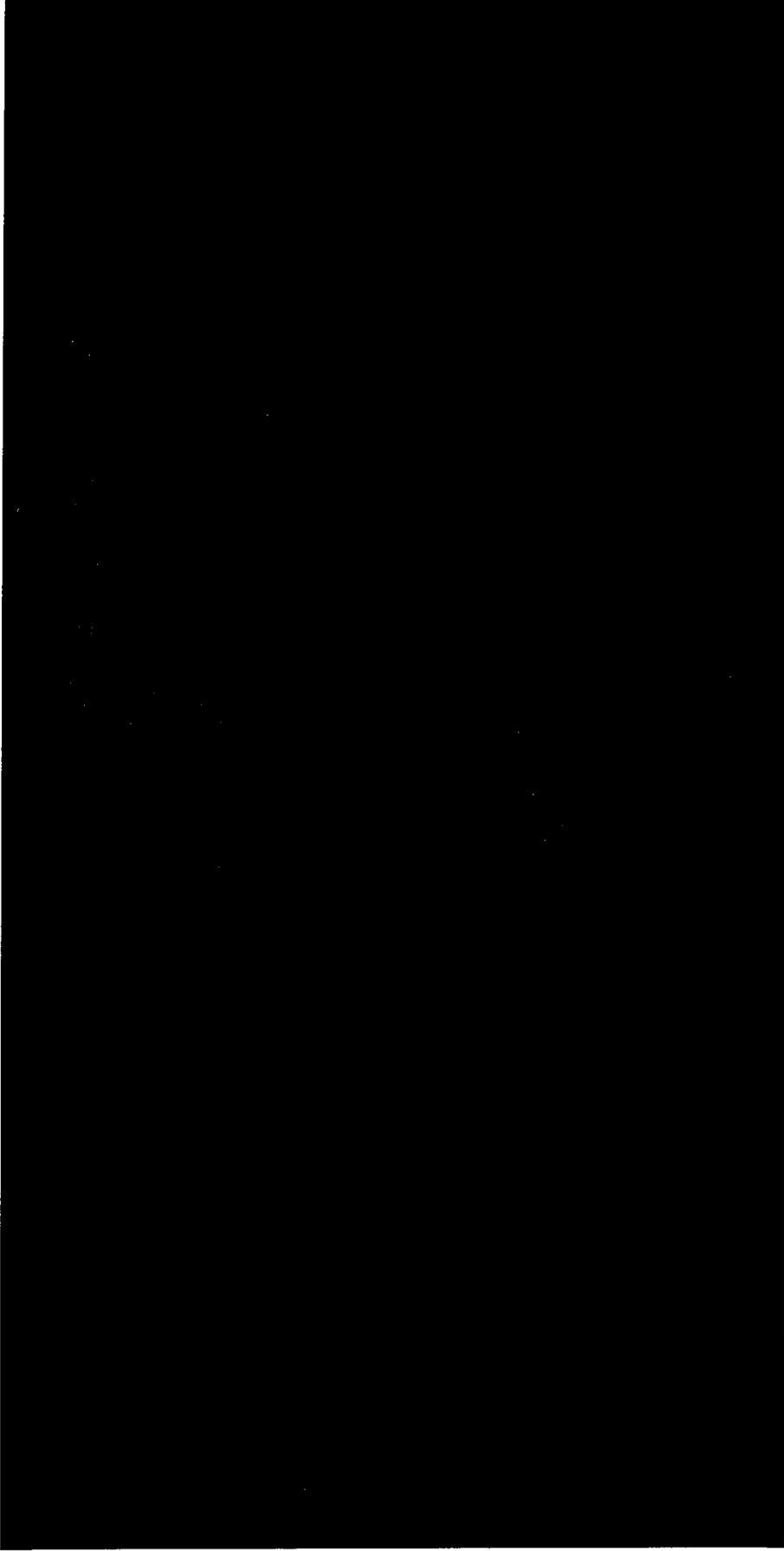
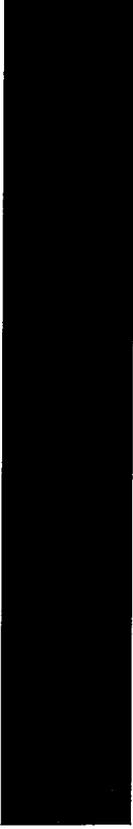
CLIN 0302AB Field Service



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Contract No.: OA1330-05-CO-1035 / Task Order No.: Task Order 34, Observing Systems  
Officer: *Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OFSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: 01 Jul 08 - 30 Jun 09

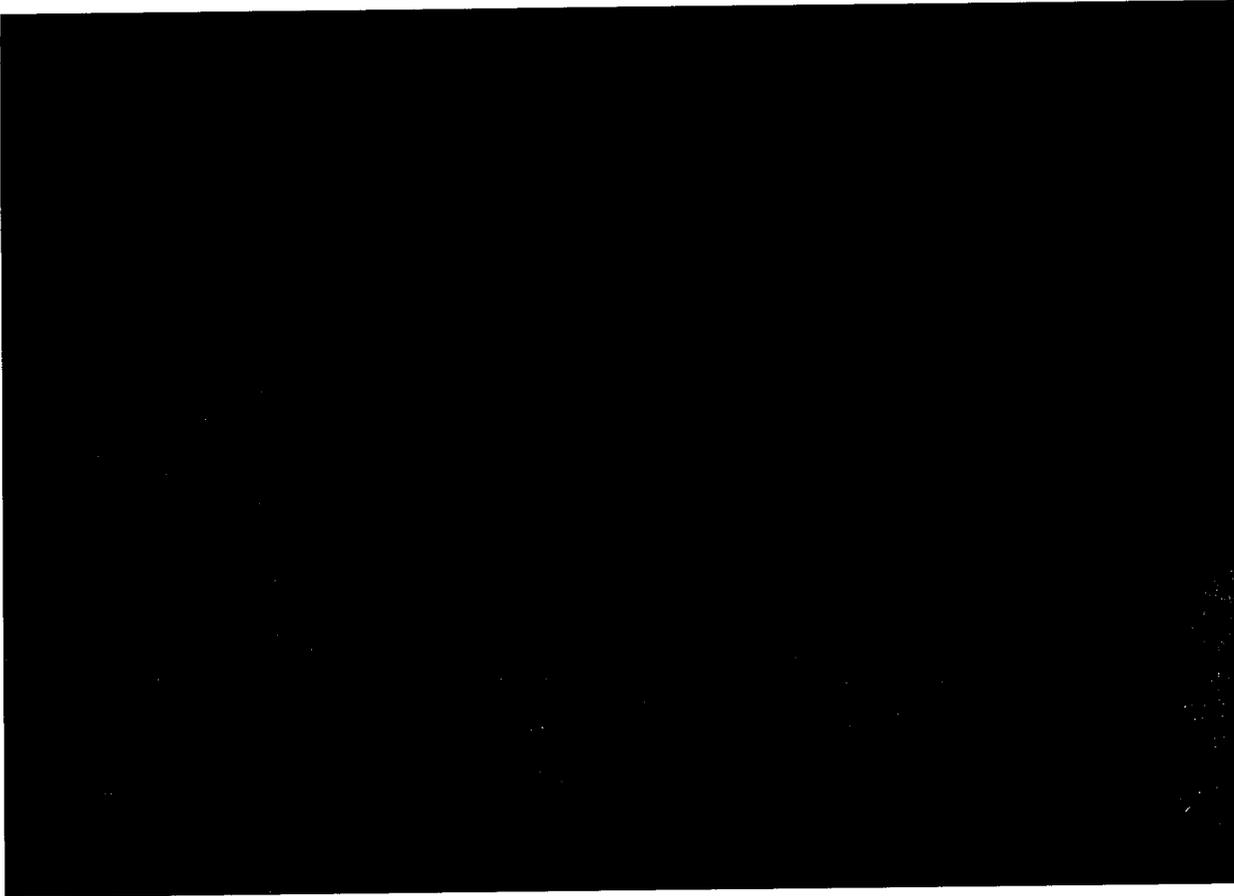
**Travel Detail**      *CY04 DART FIELD SERVICE TRAVEL*



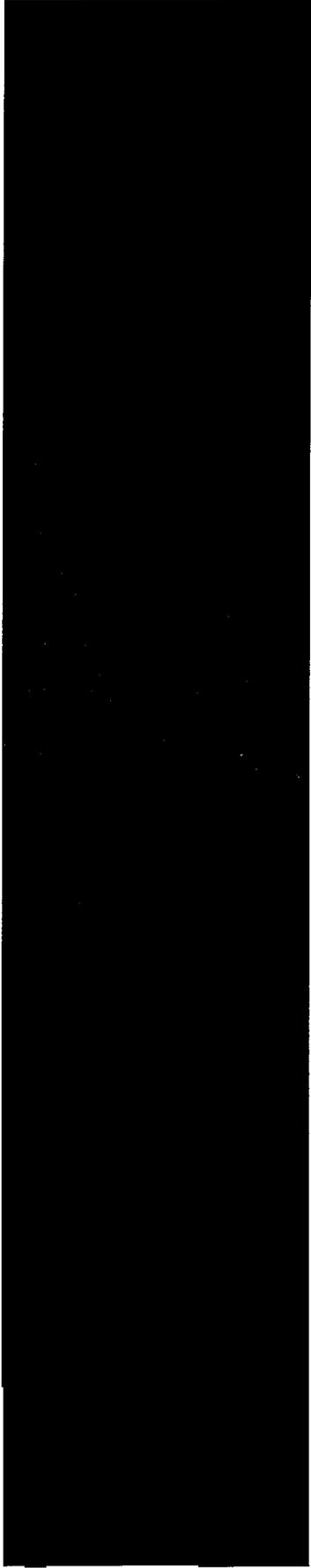
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Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 0302AC DART Operational Engineering

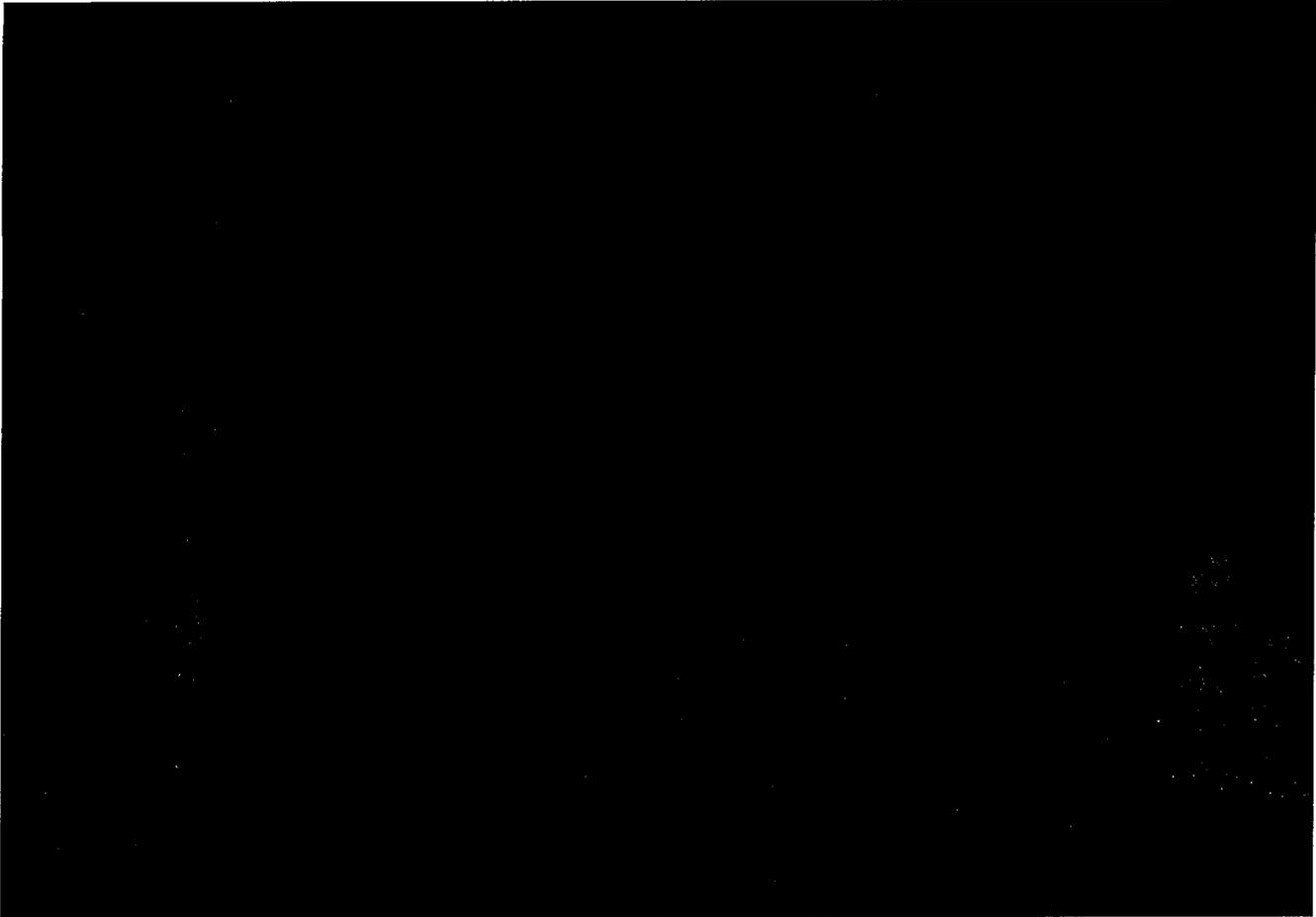


Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
*Offeror: Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)



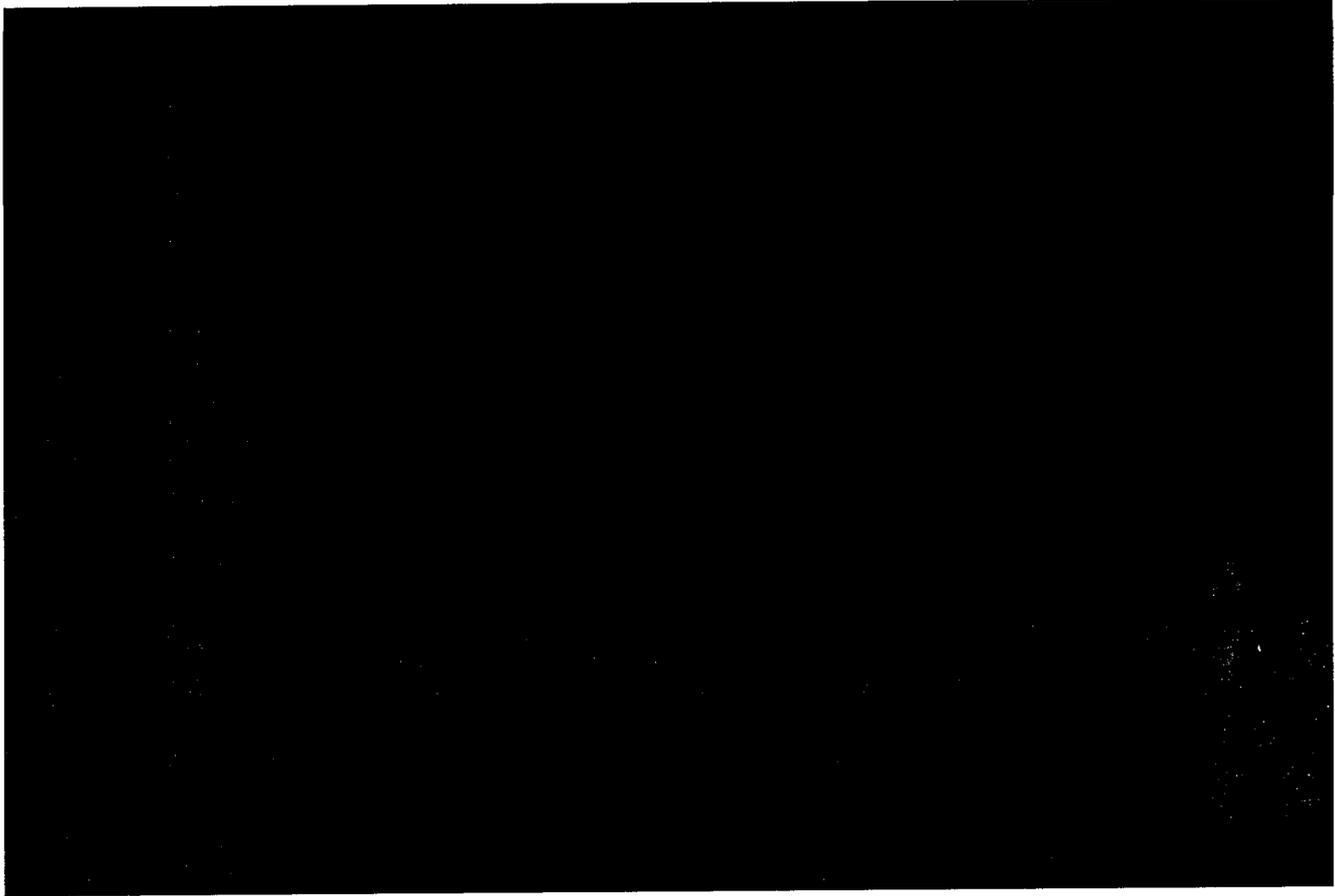
Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 2, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CLIN 2 CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 0302AD DART Technical Refresh



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04 Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 0303BC YB Field Service



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems

Offeror: *Science Applications International Corporation - TSC (Co 6)*

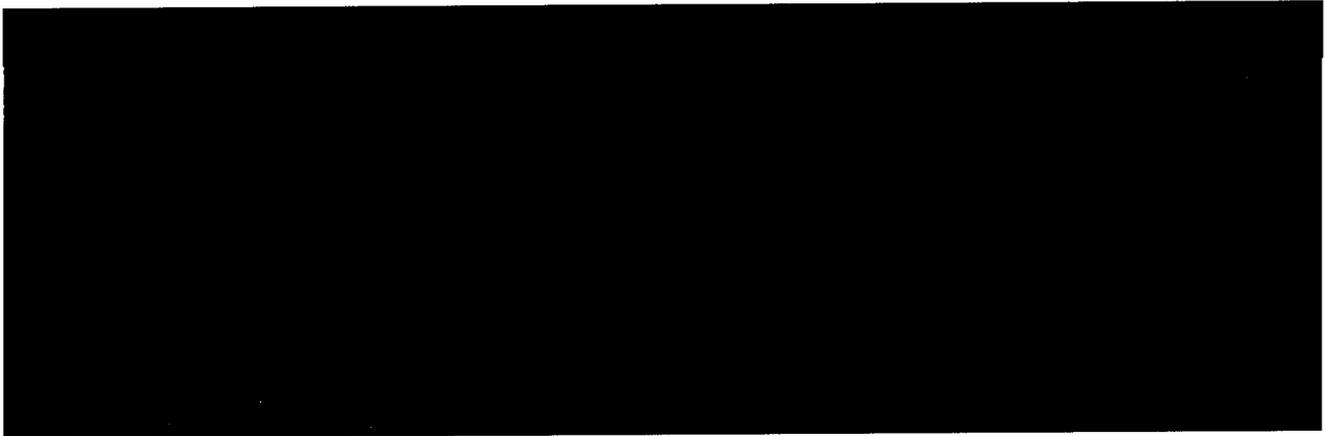
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04 Version 4

Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04

Period of Performance: 01 Jul 08 - 30 Jun 09

**Other Direct Costs (ODCs)**

CLIN 0303BC



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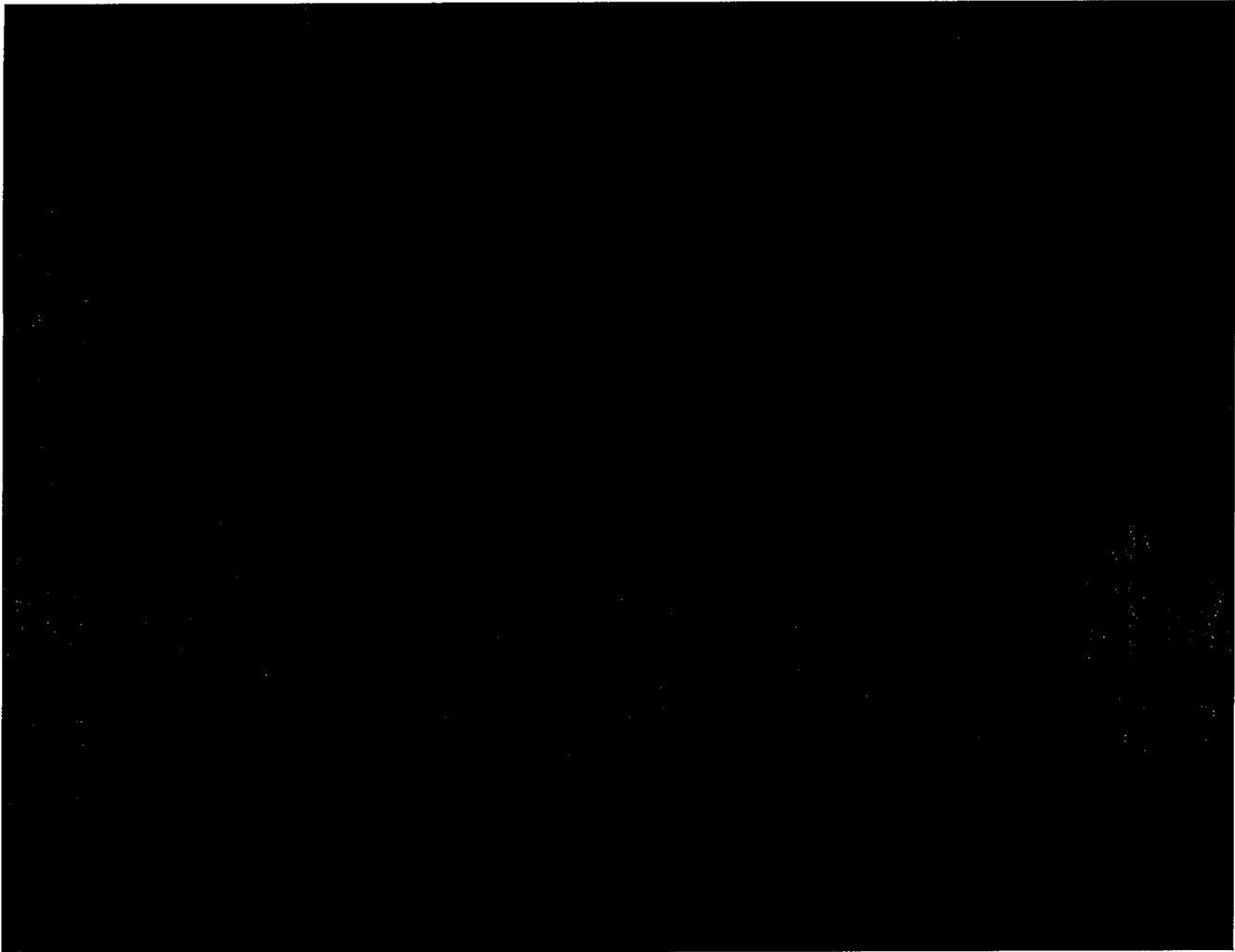
Contract No.: OAI130-05-CO-105 / Task Order No.: Task Order 31, Observing Systems  
Office: Science Applications International Corporation - FSC (Cz 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, C704 Version 4  
Proposal Title: NDBC OBS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) C704  
Period of Performance: 01 Jul 08 - 30 Jun 09

Travel Detail *CLIN 0303BC Yellow Buoy Field Service*



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
*Offeror: Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 0303BD YB Operational Engineering



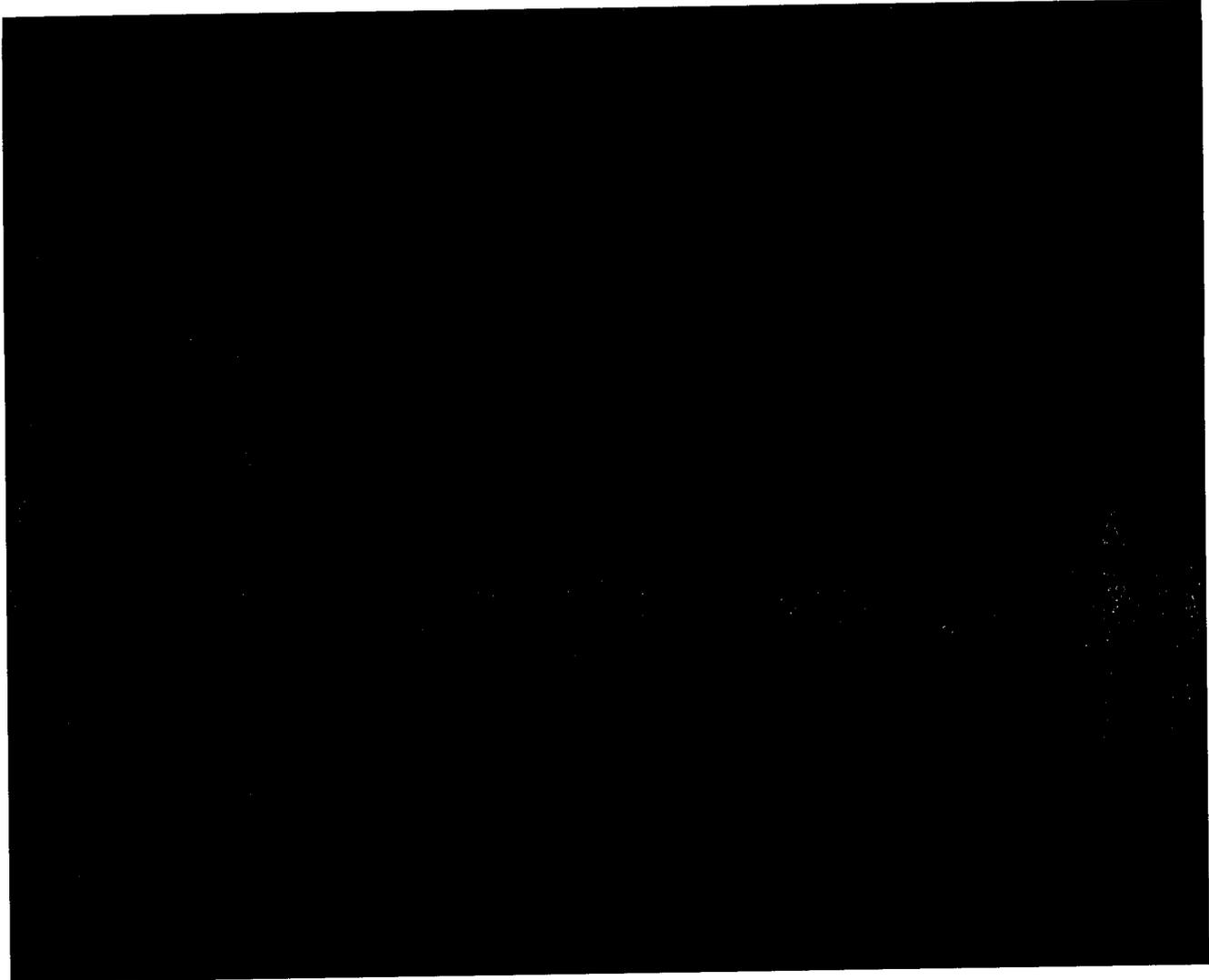
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Date Created: 7/7/08

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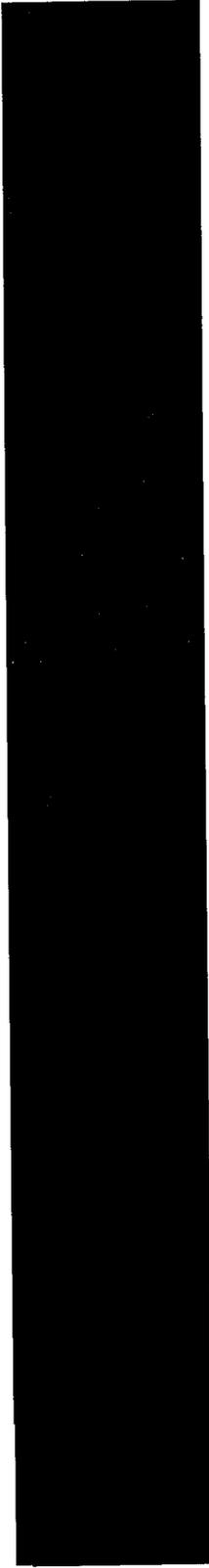
Contract No.: QAI330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: *Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 3.5 YB Technical Refresh

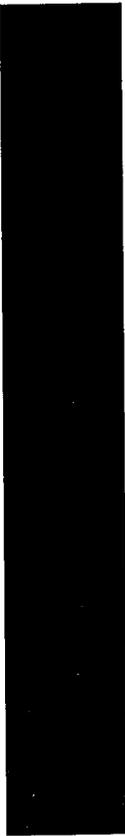


Contract No.: QA1330-05-CQ-1032 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

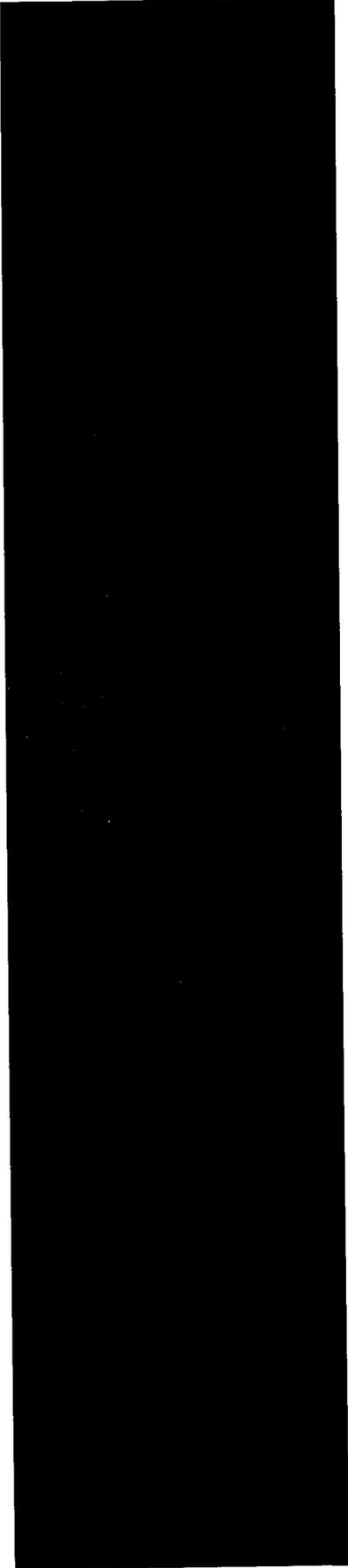
CPFF



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: *Science Applications International Corporation - ISC (Co 9)*  
Proposal No.: Task Order 34, Observing Systems CLIN 3 Version 4  
Proposal Title: NDBC OFS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS)  
Period of Performance: 01 Jul 07 - 30 Jun 08



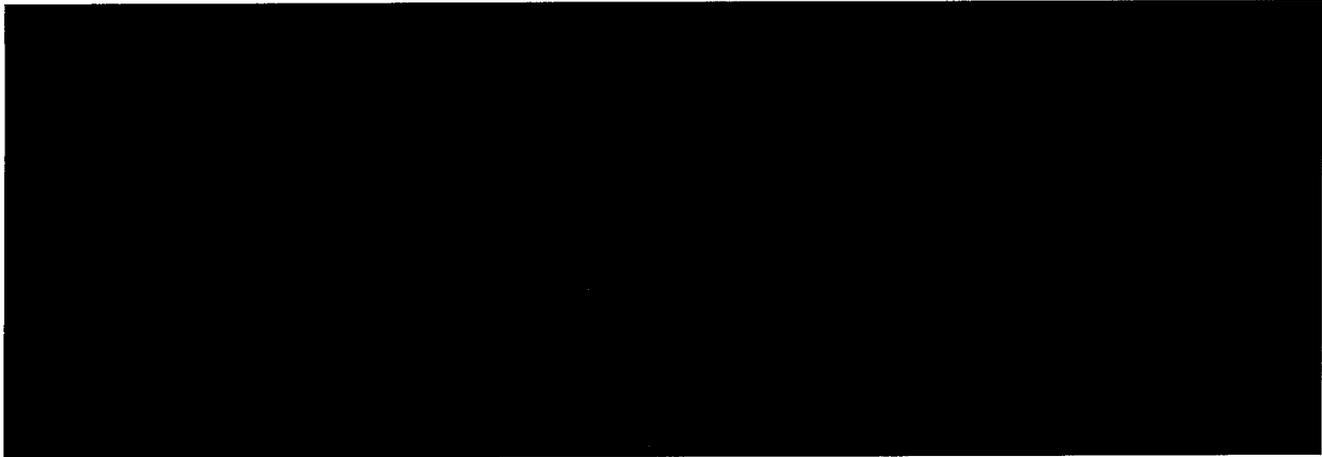
Travel Detail                      CLIN 0303BE Yellow Buoy Tech Refresh CY04



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04, Version 4  
Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: 01 Jul 08 - 30 Jun 09

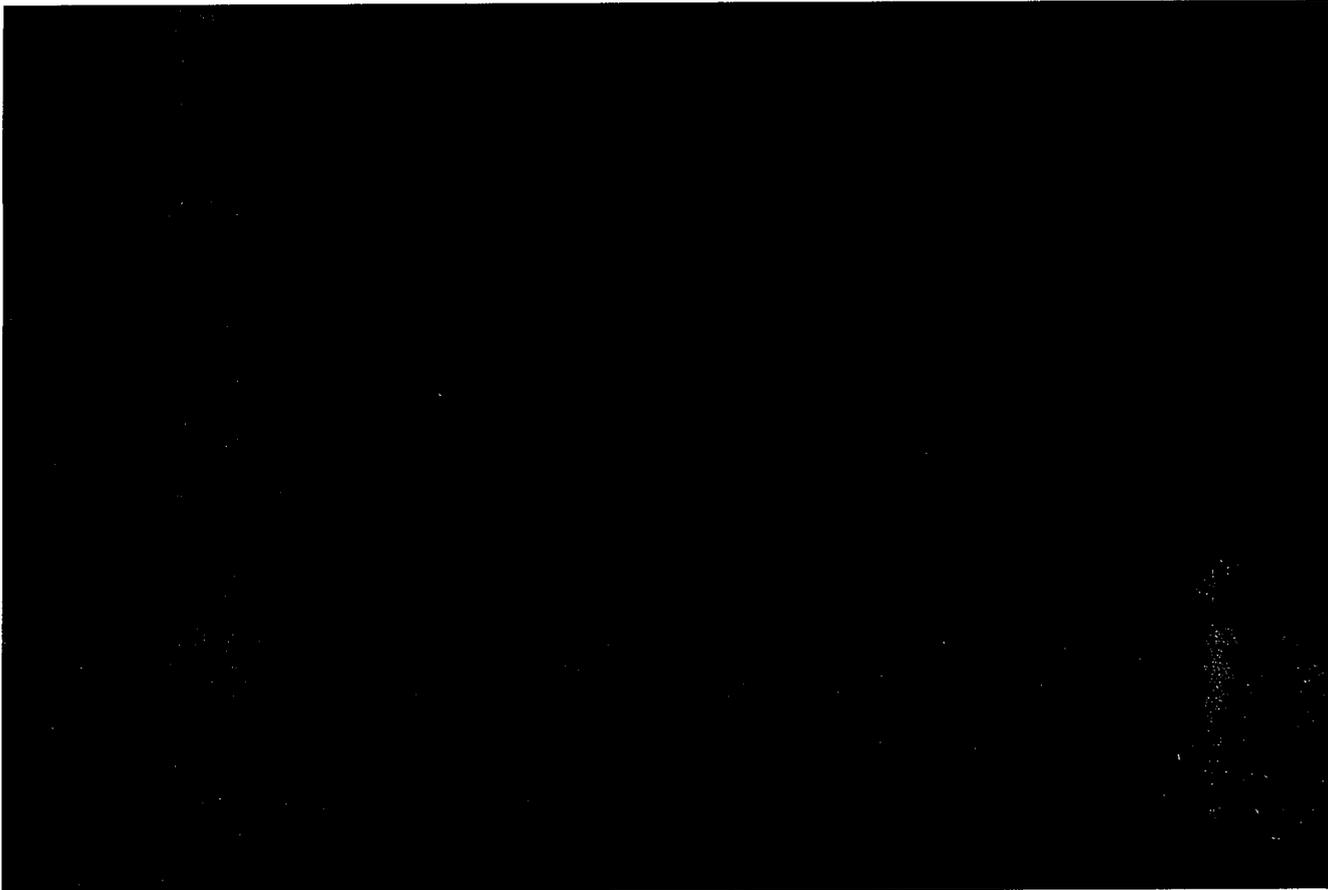
**Consumables / Bill of Material (BOM) Detail**

0303BE - Yellow Buoy Tech Refresh CY04



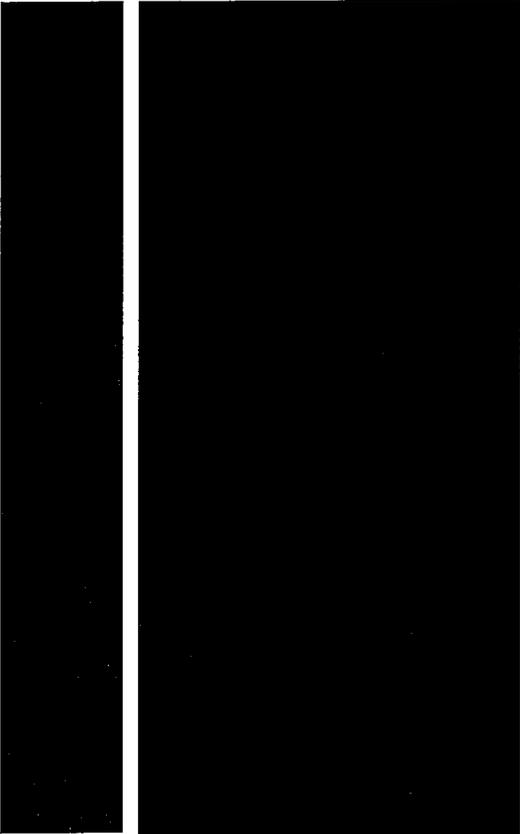
Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04 Version 4  
Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 3.6 YB Hurricane Deployments



Contract No.: OA1330-05-CO-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - IXC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3 Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS)  
Period of Performance: 01 Jul 07 - 30 Jun 08

Travel Detail *CLIN 3.6 Yellow Buoy Field Service - Hurricane Deployments*



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems

Offeror: *Science Applications International Corporation - TSC (Co 6)*

Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04 Version 4

Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04

Period of Performance: 01 Jul 08 - 30 Jun 09

**Other Direct Costs (ODCs)**

CLIN 0303BF

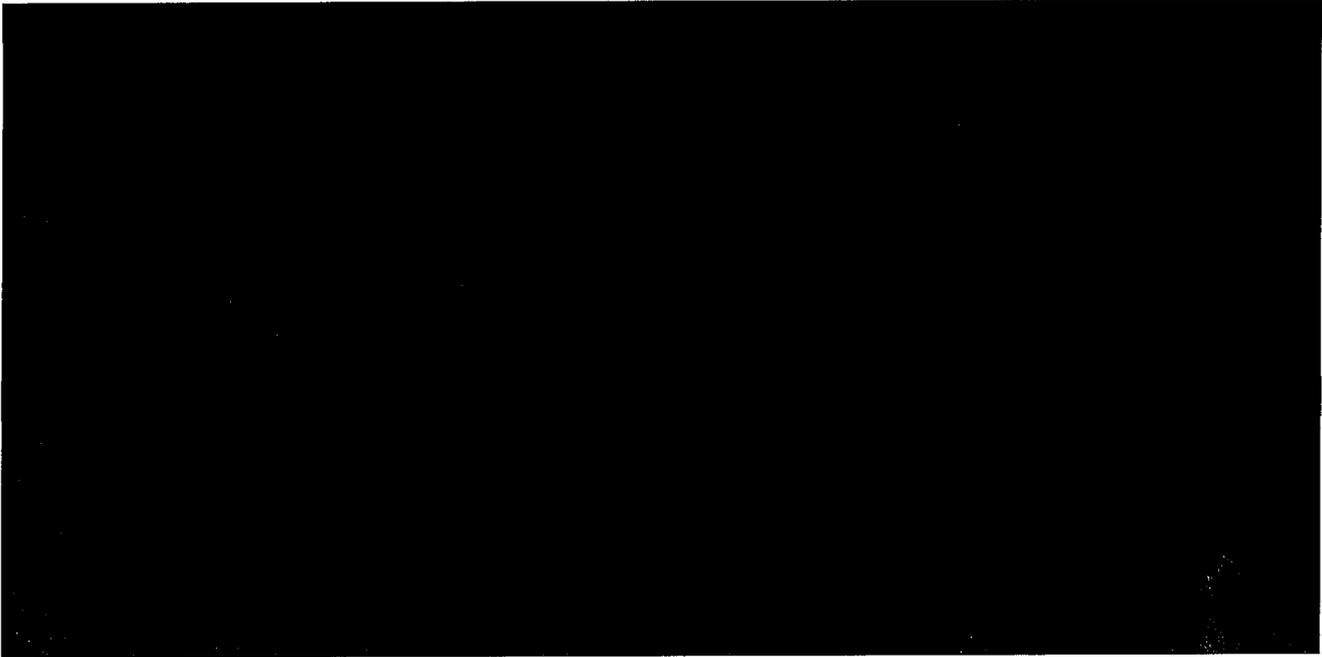


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Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 3, CY04 Version 4  
Proposal Title: NDBC OPS32 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: 01 Jul 08 - 30 Jun 09

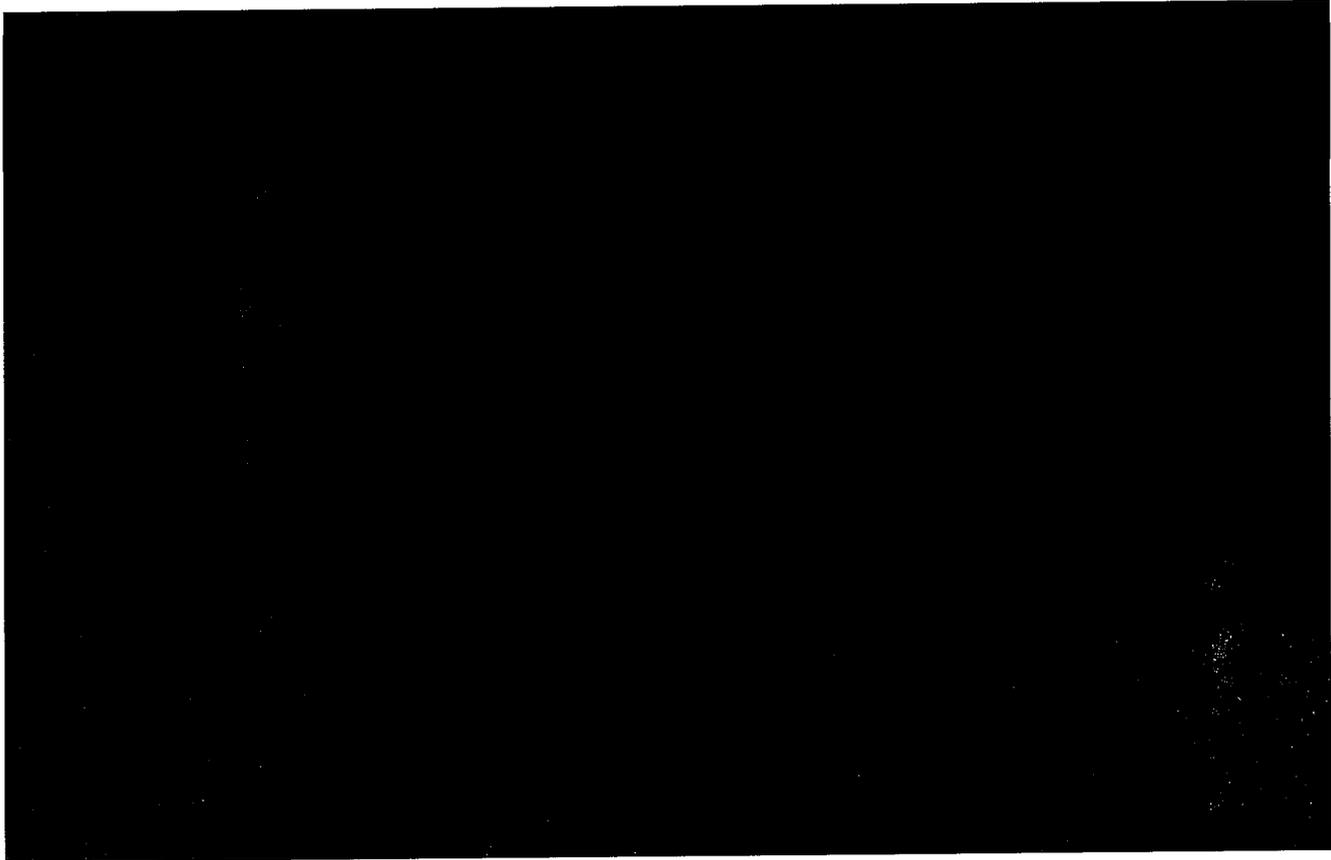
**Consumables / Bill of Material (BOM) Detail**

CLIN 0303BF



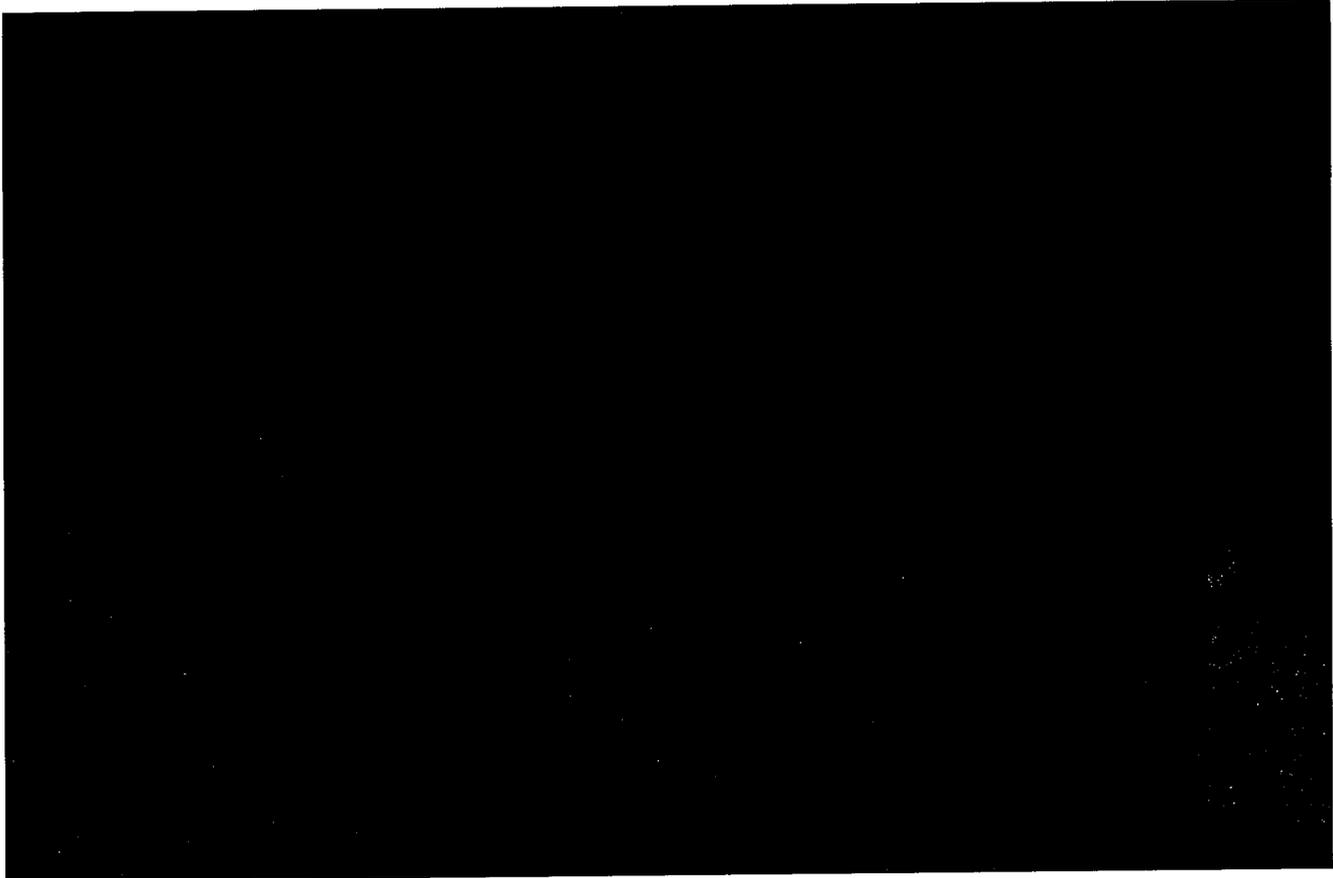
Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 4.1 TAO Production Legacy Systems



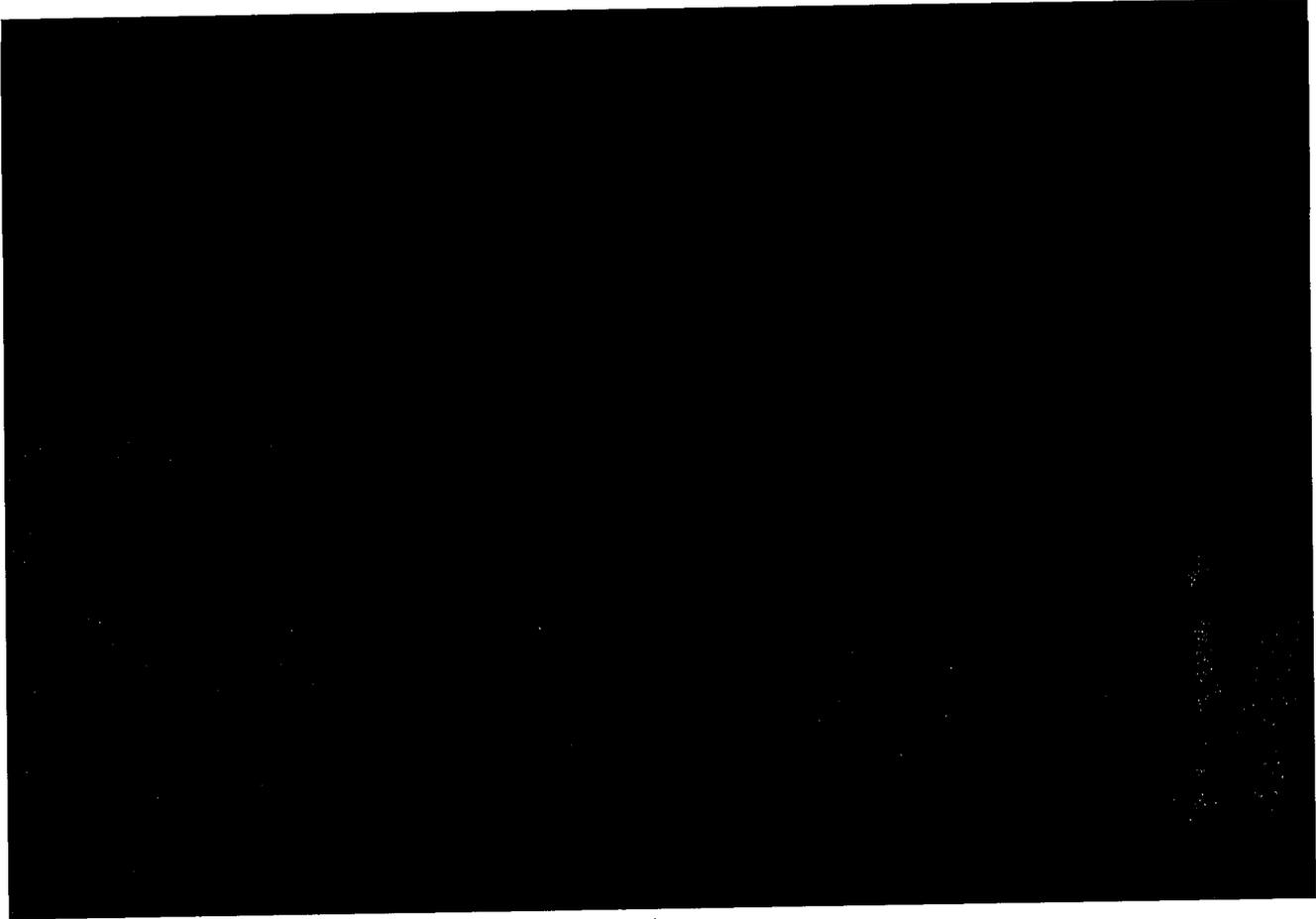
Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04- Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jan 09 - 30 Jun 09)

CPFF CLIN 0304CA TAO Production Refresh Systems



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDBC OPSS2 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Oct 08 - 30 Jun 09)

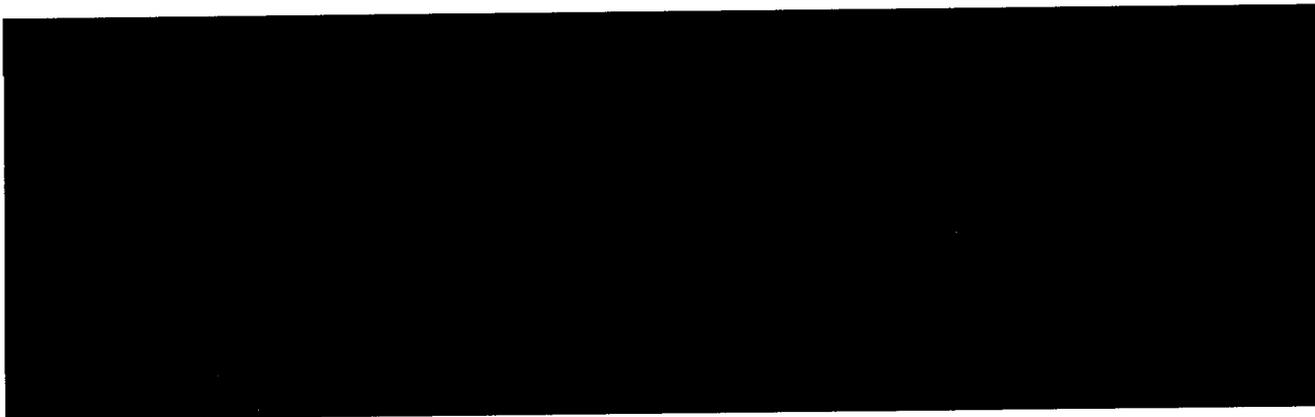
CPFF CLIN 0304CB TAO Field Service



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: *Science Applications International Corporation - TSC (Co 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Oct 08 - 30 Jun 09)

**Other Direct Costs (ODCs)**

CLIN 0304CB

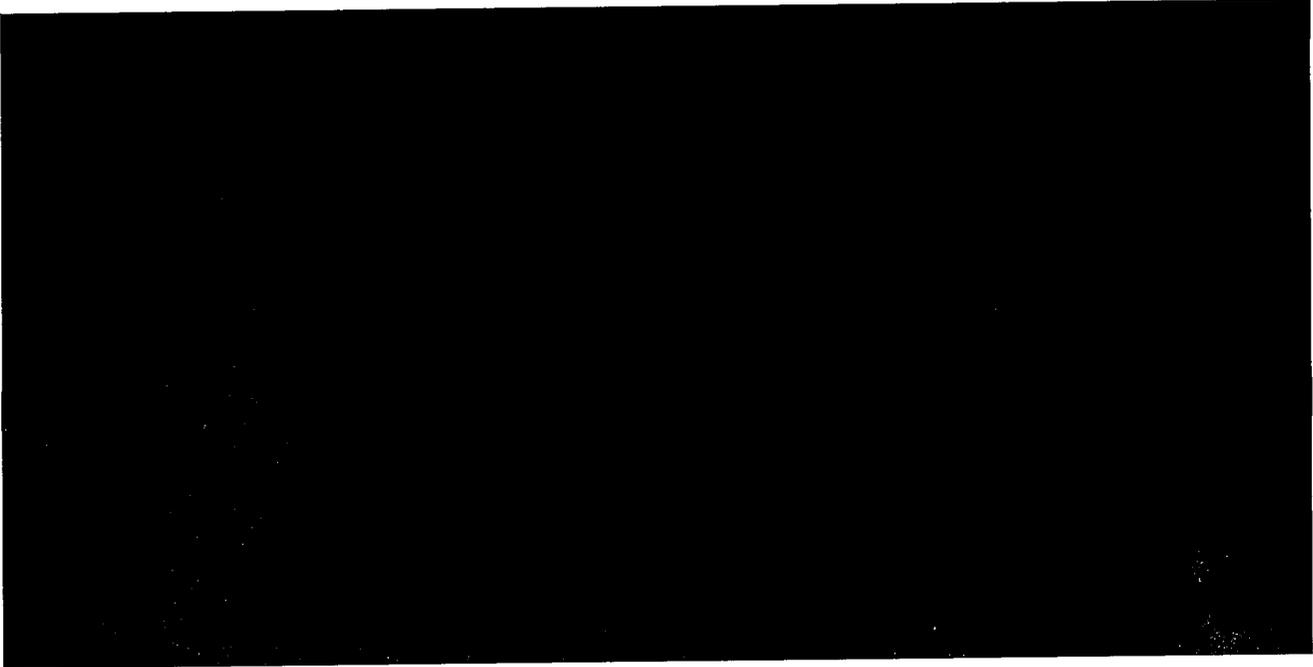


SAIC PROPRIETARY

Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Oct 08 - 30 Jun 09)

**Consumables / Bill of Material (BOM) Detail**

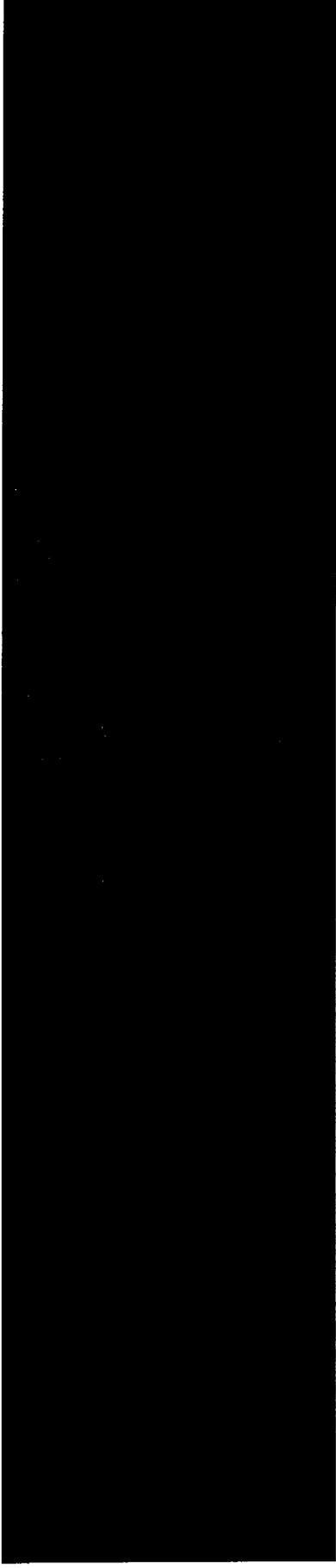
CLIN 0304CB



Contract No.: QAI130-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
*Offeror: Science Applications International Corporation - TSC (C/o 6)*  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDEEC OBS57 Observing Systems for the NOAA NDEEC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Oct 08 - 30 Jun 09)



Travel Detail      *CLIN 0304CB TAO Field Service*



Contract No.: QA1330-05-CQ-1035 / Task Order No.: Task Order 34, Observing Systems  
Offeror: Science Applications International Corporation - TSC (Co 6)  
Proposal No.: Task Order 34, Observing Systems CLIN 4, CY04, Version 4  
Proposal Title: NDBC OPS52 Observing Systems for the NOAA NDBC National Ocean Observing Systems (NOOS) CY04  
Period of Performance: All Periods (01 Jul 08 - 30 Jun 09)

CPFF CLIN 0304CC Ops Engineering

