

List of Pages and Lines Exempt from Disclosure

Task Order 19 – Task Order and Modifications		
Task Order 19 Modification 0001	Fixed Fee Amounts	Delete the values associated with the fixed fee 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.

Task Order 19 - Cost Proposal		
All Pages (2)	All lines	Delete the values associated with the price, total contract amounts, pricing rates, hours, estimated costs and fixed fee 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.

Task Order 19 - Task Management Plan		
Page 1	Lines 44-45	These pages describe SAIC's technical approach for accomplishing the IOOS HF Radar project SOW. This approach is a result of SAIC's own creative
Page 2	Lines 1-29	
Page 3	Lines 10-42	
Page 4	All Lines	
Page 6	Lines 23-31	

		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 6	Line37	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.

Task Order 19 - Work Breakdown Structure/GANTT		
(1) GANTT, dated 11/21/06 (2) WBS, dated 7/18/05 (3) GANTT, dated 7/18/05	All Pages (1) All Pages (2) All Pages (2)	Delete SAIC's estimated 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.

D. Laurent

ORDER FOR SUPPLIES OR SERVICES

PAGE 1 OF PAGES 3

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

DATE OF ORDER Aug 2005	2. CONTRACT NO. (if any) QA133005CQ1035	6. SHIP TO: WG953023		
ORDER NO. 0019	4. REQUISITION/REFERENCE NO. NWWG9500-5-25254	a. NAME OF CONSIGNEE NATIONAL DATA BUOY CENTER		
ISSUING OFFICE Address correspondence to: WG953023 NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 TIMOTHY D. BLACK 228-688-2382		b. STREET ADDRESS RESOURCES BRANCH /W/OPS53 BUILDING 1100		
TO: 00004157 TIN: 953630868		c. CITY STENNIS SPACE CENTER	d. STATE MS	e. ZIP CODE 39529-6000
		f. SHIP VIA		

Name of Contractor SAIC		DUNS: 148095086		8. TYPE OF ORDER	
Company Name SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		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.	
Street Address 10260 CAMPUS POINT DRIVE MAIL STOP G2					
City SAN DIEGO	e. State CA	f. Zip 921211578			
ACCOUNTING AND APPROPRIATION See Attached Schedule		BOC: OBLIGATED AMT: \$114,662.40		10. REQUISITIONING OFFICE WG950023	

I. BUSINESS CLASSIFICATION (Check appropriate box(es))

a. SMALL b. OTHER THAN SMALL c. DISADVANTAGED d. WOMEN-OWNED

2. F.O.B. POINT DESTINATION	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE 30 Jun 2006	16. DISCOUNT TERMS 00.00% 0 Days Net 0
13. PLACE OF INSPECTION b. ACCEPTANCE			

17. SCHEDULE (See reverse for Rejections)

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

18. SHIPPING POINT	19. GROSS SHIPPING WEIGHT	20. INVOICE NO.	17(h) TOTAL (Cont. pages)
21. MAIL INVOICE TO:			
a. NAME CENTRAL ADMIN SUPPORT CENTER /CC			US\$ 114,662.40
b. STREET ADDRESS (or P.O. Box) 601 EAST 12TH STREET			
c. CITY KANSAS CITY	d. STATE MO	e. ZIP CODE 64106	

UNITED STATES OF AMERICA BY (Signature) *T. D. Black* 8/16/05

23. NAME (Typed) TIMOTHY D. BLACK 228-688-2382 (TITLE CONTRACTING/ORDERING OFFICER)

ORDER FOR SUPPLIES OR SERVICES - Continuation

PAGE OF PAGES

2

3

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

DATE OF ORDER

CONTRACT NO. (if any)

ORDER NO.

16 Aug 2005

QA133005CQ1035

0019

LINE NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QTY ACCEPT. (g)
0001	<p>TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT</p> <p>Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP). The performance Period for this task order is 08/16/05 - 12/31/06.</p> <p>CPFF</p> <p>The fixed fee for this task order is [REDACTED]</p> <p>Accounting and Appropriation Data: 14.05.C2KC4CPP6C34010704011.200600009 5000000.25130000 \$ 114,662.40</p>	1	JB	114,662.40	114,662.40	
0002	<p>TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT</p> <p>Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP). The performance Period for this task order is 07/01/06 - 12/31/06. The Cost Estimate for this CLIN is \$49,311.12.</p> <p>CPFF</p> <p>The fixed fee for this task order is [REDACTED]</p>	0	EA	0.00	0.00	

DAML

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code	Page 1	of Pages 3
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2. Amendment/Modification No. 0001	3. Effective Date Jun 20, 2006	4. Requisition/Purchase Req. No. NWWG9500-6-28912	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. Carey 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 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: 0T5L1	X 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0019
		10B. Date (See Item 13) Aug 16, 2005

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)
See Schedule \$ US 49,311.12

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

<input checked="" type="checkbox"/>	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.
<input type="checkbox"/>	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: Scope change within the terms and conditions of this task order by mutual agreement
<input type="checkbox"/>	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.

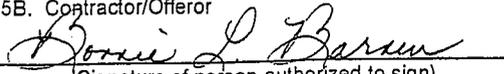
14. Description of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

1. The purpose of this modification is to incrementally fund CLIN 0002 and extend the POP from 07/01/06- 12/31/06 to 07/01/06 - 02/28/07.

2. Add the following funds to this task order:
1406D2KC4ACP0036060901003200600009500000025130000 --\$49,311.12

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 L. 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
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15B. Contractor/Offendor  (Signature of person authorized to sign)	15C. Date Signed 23 June 2006	16B. United States of America  (Signature of Contracting Officer)	16C. Date Signed 06/29/06
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SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
0002	<p>TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT</p> <p>Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP). The performance Period for this task order is 07/01/06 - 02/28/07. The Cost Estimate for this CLIN is \$49,311.12.</p> <p>CPFF</p> <p>The fixed fee for this task order is [REDACTED]</p> <p>CLIN Value: \$ 0.00 Change Value: \$49,311.12 Total Value: \$49,311.12</p> <p>Accounting and Appropriation Data: 14.06.D2KC4ACP0036060901003.2006000095000 000.25130000 US\$ 49,311.12</p>	1	JB	49,311.12	49,311.12

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
 Page 1 of Pages 3

2. Amendment/Modification No. 0002
 3. Effective Date Dec 22, 2006
 4. Requisition/Purchase Req. No. NWWG9500-7-04501
 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)
 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)
 10A. Modification of Contract/Order No.
 QA1330-05-CQ-1035 0019
 10B. Date (See Item 13)
 Aug 16, 2005

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 60,000.00

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)
 X C. This supplemental agreement is entered into pursuant to authority of:
 FAR 52.243-2 CHANGES
 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.)

- This modification is to award \$60,000 on CLIN 0002 with a required notice to proceed (NTP) by the contracting officer. The contracting officer will provide a NTP at a later date.
- Obligating the following accounting and appropriations:
 1407E8M6J11PPM85040406001200600009500000025130000000000 \$60,000

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
 15B. Contractor/Offeror
 (Signature of person authorized to sign)
 15C. Date Signed
 12/27/06
 16B. United States of America
 (Signature of Contracting Officer)
 16C. Date Signed
 Dec 26, 2006

Task Order Value

	Contract Value	Funded Value
Previous	\$163,973.52	\$163,973.52
This Action	\$60,000.00	\$60,000.00
Current	\$223,973.52	\$223,973.52

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount
002	TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT	1	JB	109,311.12	109,311.12
	Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP). The performance Period for this task order is 07/01/06 - 06/30/2006. The Cost Estimate for this CLIN is \$109,311.12				
	CPFF				
	CLIN Value: \$49,311.12 Change Value: \$60,000.00 Total Value: \$109,311.12				
	Accounting and Appropriation Data: 14.06.D2KC4AC.P00.36.060901003.20060000950 00000.25130000.000000 US\$ 49,311.12 14.07.E8M6J11.PPM.85.040406001.20060000950 00000.25130000.000000 US\$ 60,000.00				

Nan L.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code Page of Pages
1 2

Amendment/Modification No. 003 3. Effective Date Jan 19, 2007 4. Requisition/Purchase Req. No. NWWG9500-7-05625 5. Project No. (if applicable)

Issued By NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 TENNIS 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 DUNS: 148095086 CAGE: 0T5L1 9A. Amendment of Solicitation No. 9B. Date (See Item 11) 10A. Modification of Contract/Order No. QA1330-05-CQ-1035 0019 10B. Date (See Item 13) Aug 16, 2005

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.) 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 52.243-2 CHANGES

E. IMPORTANT: Contractor is not, X 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 clarify the funding provided on Modification 0002 and to modify the Period Performance as follows: 1. \$11,758.89 is the amount of funds required to perform work on CLIN 0002 until 02-28-07. 2. \$48,241.11 is the amount of funds estimated to perform work until 09-30-08. 3. The period of performance is changed to read 07-01-06 through 09-30-08. No other changes are made at this time, all other terms and conditions of this Task Order 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) 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 15B. Contractor/Offeror 15C. Date Signed 01/29/07 16B. United States of America (Signature of Contracting Officer) 16C. Date Signed 1-30-07

SCHEDULE

Item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount												
0002	TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT	1	JB	164,733.79	164,733.79												
	<p>Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP), version 1.0-Draft 2. The performance Period for this task order is 07/01/06 - 09/30/2008. The Cost Estimate for this CLIN is \$164,733.79.</p>																
	<p>CPFF</p> <table border="0"> <thead> <tr> <th></th> <th>CLIN Value</th> <th>Funded Value</th> </tr> </thead> <tbody> <tr> <td>Previous Value:</td> <td>\$164,733.49</td> <td>\$109,311.12</td> </tr> <tr> <td>This Action</td> <td>\$0.00</td> <td>\$0.00</td> </tr> <tr> <td>Current Value:</td> <td>\$164,733.79</td> <td>\$109,311.12</td> </tr> </tbody> </table>						CLIN Value	Funded Value	Previous Value:	\$164,733.49	\$109,311.12	This Action	\$0.00	\$0.00	Current Value:	\$164,733.79	\$109,311.12
	CLIN Value	Funded Value															
Previous Value:	\$164,733.49	\$109,311.12															
This Action	\$0.00	\$0.00															
Current Value:	\$164,733.79	\$109,311.12															
	<p>Accounting and Appropriation Data: 14.06.D2KC4AC.P00.36.060901003.20060000950 00000.25130000.000000 US\$ 49,311.12 14.07.E8M6J11.PPM.85.040406001.20060000950 00000.25130000.000000 US\$ 60,000.00 DELIVERY DATE: 09/30/2008 SHIP TO: NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination</p>																

Dan Laurent

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code Page of Pages
1 3

2. Amendment/Modification No. 0004
3. Effective Date Jul 25, 2007
4. Requisition/Purchase Req. No. NWWG9501-7-18751
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. CAREY 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 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 0019
10B. Date (See Item 13)
Aug 16, 2005

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)
\$ 42,758.26

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)
X FAR 52.243-1 CHANGES FIRM FIXED PRICE

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 change TMP Mod 2, version 1.0-Draft, dated 11/21/06, in order to accommodate additional work required. As a result of this change, TMP Mod 3, Version 1.0, dated 07/17/07, is hereby incorporated into this Task Order.

The above change constitutes additional funds in the amount of \$42,758.26 on CLIN 0002. Therefore, CLIN 0002 is hereby changed from \$109,311.12, to \$152,069.38, reflecting an increase of \$42,758.26.
Accounting: 1407E2KC4ACP0084060901003200600009501000025130000000000

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

15B. Contractor/Officer
(Signature of person authorized to sign)
15C. Date Signed
7/27/07
16B. United States of America
(Signature of Contracting Officer)
16C. Date Signed
Jul 29, 2007

3. The above changes constitute a new Task Order funded value of \$266,731.78.
4. 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
0002	TASK ORDER 05-TOS-19 IOOS HF RADAR SUPPORT	1	JB	185,072.99	185,072.99
	<p>Provide all labor and materials to accomplish IOOS HF Radar Support in accordance with the Task Management Plan (TMP), version 1.0-Draft 2. The performance Period for this task order is 07/01/06 - 09/30/2008. The Funded Value for this CLIN is \$152,069.38.</p>				
	COST PLUS FIXED FEE				

Task Order PPI-06

Date: June 21, 2005

Title of Task Order:	IOOS HF Radar Support
NDBC Branch:	Program Planning & Integration/Chief Scientist
Performance Period:	1 July 2005 – 31 December 2006
Task Order Type: (FFP or CPFF)	CPFF
Purpose: (How this TO relate's to NDBC's Mission or What Problem needs to be solved)	In conjunction with Scripps Institution of Oceanography (SIO), establish a National IOOS HF Radar server hosted at NDBC. This server and associated NDBC Web infrastructure will distribute HF radar surface current data to a variety of users, ranging from sophisticated users desiring radial currents, to end-users needing surface current vectors in a graphical format.
Background:	<p>FY05 appropriations provided for the establishment of a National HF Radar server (at NDBC) and associated efforts to improve utility of HF Radar information. Leverage of the significant emerging effort in California (SIO-led) was required. NOS/CO-OPS was the initial recipient of this funding, and elected to use NDBC as the fiscal agent for distributing the funds.</p> <p>An initial project meeting was held at NDBC on 12 April, 2005 which involved SIO, NOS/CO-OPS, NTSC and NDBC personnel. A project architecture framework was developed.</p> <p>NTSC subcontracted with Ocean Technologies, L.L.C. (OT) of Pass Christian, MS to further scope the project from the NDBC perspective. The report deliverables of this subcontract are due prior to 1 July, 2005.</p> <p>The Joint Institute for Marine Observations, a joint NOAA/SIO organization, submitted a proposal for Scripps involvement in the project, and has been funded. Dr. Eric Terrill is the Principal Investigator. Period is 1 June 2005 to 30 November 2006.</p>
Scope of Effort:	Provide software development and integration services to support a National HF Radar server hosted at NDBC. Provide web-based displays based on these data, and distribution services of data in standard formats.

<p>Tasks:</p>	<ol style="list-style-type: none"> 1. Using the OT project scoping report and your notes from the 12 April 2005 meeting as guides, develop an implementation strategy to fulfill NDBC role in the HF Radar National Server and Architecture project. 2. Provide transition support as necessary to project partners, including the installation of the SIO-provided server. 3. Integrate the Server into the NDBC architecture, maintaining acceptable security posture. 4. Develop web-based displays of the data which will provide rapid, informative and visually-attractive surface current information for NDBC Web users. 5. Accommodate the delivery of HF Radar data in both radial and Real Time Vector (RTV) form to users. 6. At project conclusion, have sufficient trained personnel and documentation to transition hardware and software maintenance of SIO-installed equipment and code to NDBC/NTSC. Status of maintenance of this equipment/code at project conclusion is uncertain at this time.
<p>Assumptions/ Constraints (Security, Safety, Accessibility, etc...)</p>	<ol style="list-style-type: none"> 1. Adequate IT Security is maintained. 2. Additional hardware (beyond SIO-provided) will not be required. Advise NDBC if project scoping reveals this assumption invalid.
<p>Deliverables:</p>	<ol style="list-style-type: none"> 1. Preliminary Design Review (PDR) of NDBC implementation of the HF Radar National Server and Architecture project. Include Web product methodology and displays. (On or before 1 SEP 2005) 2. Critical Design Review of same. (Due date set at PDR) 3. Final HF Radar National Server document, including all HW/SW design information and available source code, established in CMO. (On or before 30 November, 2006) 4. Monthly project reports which summarize both the actual and budgeted cost, schedule, and performance information.
<p>GFE/GFI:</p>	<p>GFE/GFI is available to support this effort. GFE/GFI lists can be found by referring to Section J of the contract. The Government requests your technical proposal state whether you intend to utilize</p>

	the available GFE/GFI. Your cost proposal shall reference whether you will use GFE/GFI and the cost impact of that decision.
Program Objectives/ Possible Performance Measures:	The Government requires this task order have performance-based measures that align with the Statement of Objectives and Program Goals contained in this solicitation. The contractor is required to provide a list of proposed measures for this task order with goals for level of service and the outcomes for achieving/not achieving those goals.
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports generated, and other deliverables will be conducted by the COTR or other designee.
Travel:	Travel is required to support this task order. The contractor shall provide cost estimates for all travel in the cost proposal and the travel expenses must comply with the Federal Travel Regulations.
Required information and/or submittals to be included in the required Task Management Plan (TMP):	<ol style="list-style-type: none"> 1. An Approach and Management Plan for tasks identified in this task order. 2. Implementation Plan (IP) <ol style="list-style-type: none"> a. Work Breakdown Structure (WBS) b. Performance Specifications and metrics c. Cost, Schedule and Performance Metrics 3. Task Order Cost Proposal

SAIC TASK MANAGEMENT PLAN (TMP) 05-TOS-19

IOOF HF Radar Support

PERIOD OF PERFORMANCE: Base Period - 1 March 2007 – 30 September 2007
Option 1 – 1 October 2007 – 30 September 2008

TO TYPE: CPFF

CHANGE NOTICE: This TMP-19, Modification 3, Version 1.0 supercedes TMP-19, Modification 2, Version 1.0 in its entirety. The purpose of this change is to incorporate additional work, added under section 1.4, per NDBC RFP dated 7/12/2007.

1.0 SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH:

1.1 General Scope: A NOAA-led initiative is underway at the National Data Buoy Center (NDBC) in association with the Scripps Institution of Oceanography (SIO) to collate HF Radar data from Integrated Ocean Observing System (IOOS) partner radar sites around the coastal United States and display this data on a national grid via the NDBC website. This Task Order focuses on the continuation of software development and integration services to support and maintain the National HF Radar web server hosted at the NDBC.

- 1.2 Base Period Statement of Work:** The objectives of this Task Order are to:
- a. Make real-time vector (RTV) web products robust, particularly under the stress of a major event such as a large oil spill.
 - b. Provide RTV gridded data products to sophisticated users.
 - c. Integrate SIO-delivered quality assurance (QA) and quality control (QC) methods as needed in web and data server products and provide web documentation of the techniques.
 - d. Coordinate additional portal and node additions to the national architecture in conjunction with SIO.
 - e. Provide web links from traditional NDBC buoy/C-MAN pages to HF Radar data.

SAIC TASK MANAGEMENT PLAN (TMP) 05-TOS-19



1.3 Option 1 Statement of Work: The objectives of this Task Order are to:

During the period of performance, SAIC will provide continued web programming and data management support for the HF Radar data display. As new requirements are identified, this software will need to be modified and properly integrated into the NDBC web architecture. As more HF Radar sites come on-line under IOOS partner participation, distribution of portal and node servers may redistribute across the network architecture. SAIC will coordinate with SIO to accommodate these upgrades to the HF Radar network.

1.4 Additional Taskings for Five Areas of Improvement

1.4.1 Scope

The additional taskings to TO19 include five areas of improvement which have been designated for the NOAA IOOS HF Radar node hosted at NDBC. The areas of focus include:

- Enhanced visualization of the HF Radar Real Time Vectors (RTVs). Rendering speed of the graphical display and clarity of information will be addressed.
- Introducing tracking metrics for availability and variability of data receipt and performance of the computation of HF Radar RTVs.
- Allowing for dissemination of metadata of the HF Radar measurements. This is primarily comprised of frequency, range,

SAIC TASK MANAGEMENT PLAN (TMP) 05-TOS-19

and resolution, of the HF Radar sites that provide the radial measurements that feed the portals.

- Additional data to be displayed along with the RTVs. For example, NDBC stations with surface deployed current meters and profiling current meters should have these surface velocities displayed in conjunction with the HF Radar RTVs.

1.4.2 Technical/Management Approach

[REDACTED]

SAIC TASK MANAGEMENT PLAN (TMP) 05-TOS-19

[REDACTED]

SAIC TASK MANAGEMENT PLAN (TMP) 05-TOS-19**2.2 Deviations:**

None.

3.0 SCHEDULE:**3.1 Work Breakdown Structure**

See TMP 19 Mod 3 Appendix B for the work breakdown structure.

3.2 Schedule

See TMP 19 Mod 3 Appendix C for the schedule.

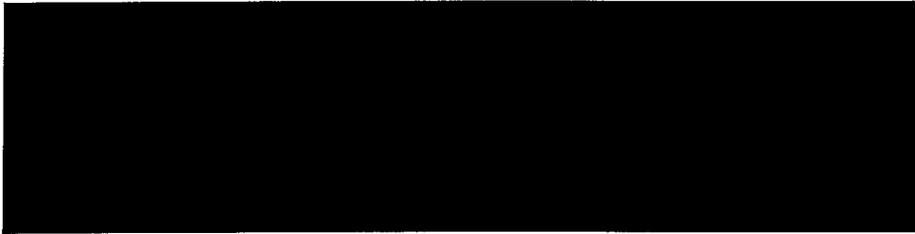
4.0 DELIVERABLES:

<i>Deliverables/Submittals</i>	<i>Due Date</i>	<i>Acceptance Criteria</i>
Weekly Activity Reports	COB Friday	Upon Delivery
Downloadable numerical RTV data from the HF Radar web pages	15 Jun 2007	Appearance on the NDBC Website
Documentation of QA/QC procedures into the HF Radar website	Within 20 working days of delivered QA/QC processes from SIO	Upon Delivery of Documentation
Links from individual buoy and C-MAN stations on the NDBC website to RTV data covering similar area as the accessed station.	15 Apr 2007	Upon Delivery
Incremental System Design Review	15 July 2007	Upon Delivery
Section 1.4 Deliverables		
Weekly Status Reports	Weekly after start of project	Upon Submission
Requirements Traceability Matrix	8.5 days	Upon Submission

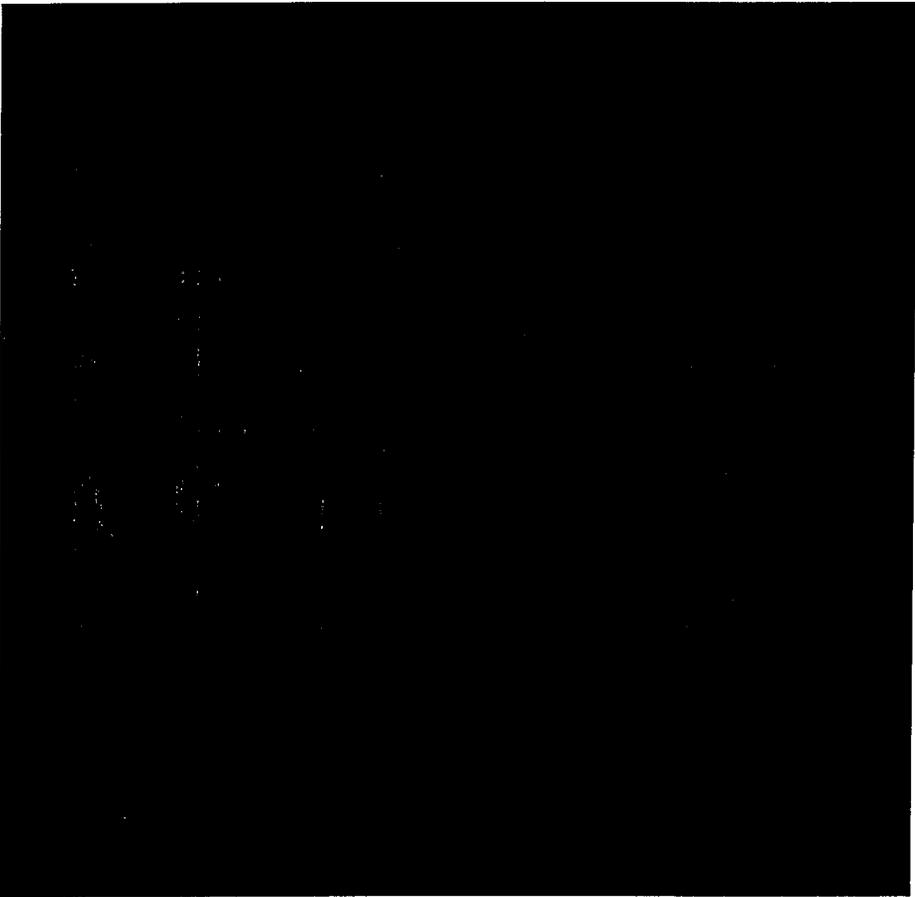
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TASK ORDER #19
IOOS HF Radar Support
POP: 07/01/05 -12/31/06

CONTRACT YEAR 1
DIRECT LABOR HOURS



CONTRACT YEAR 2
DIRECT LABOR HOURS

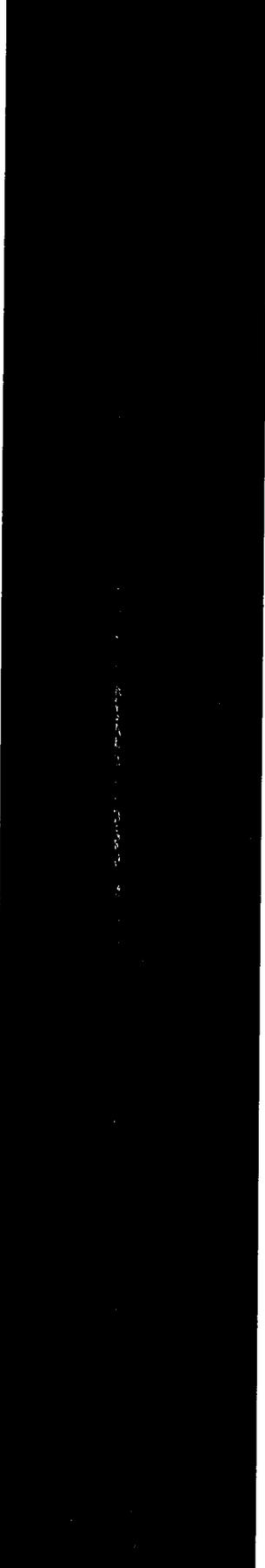


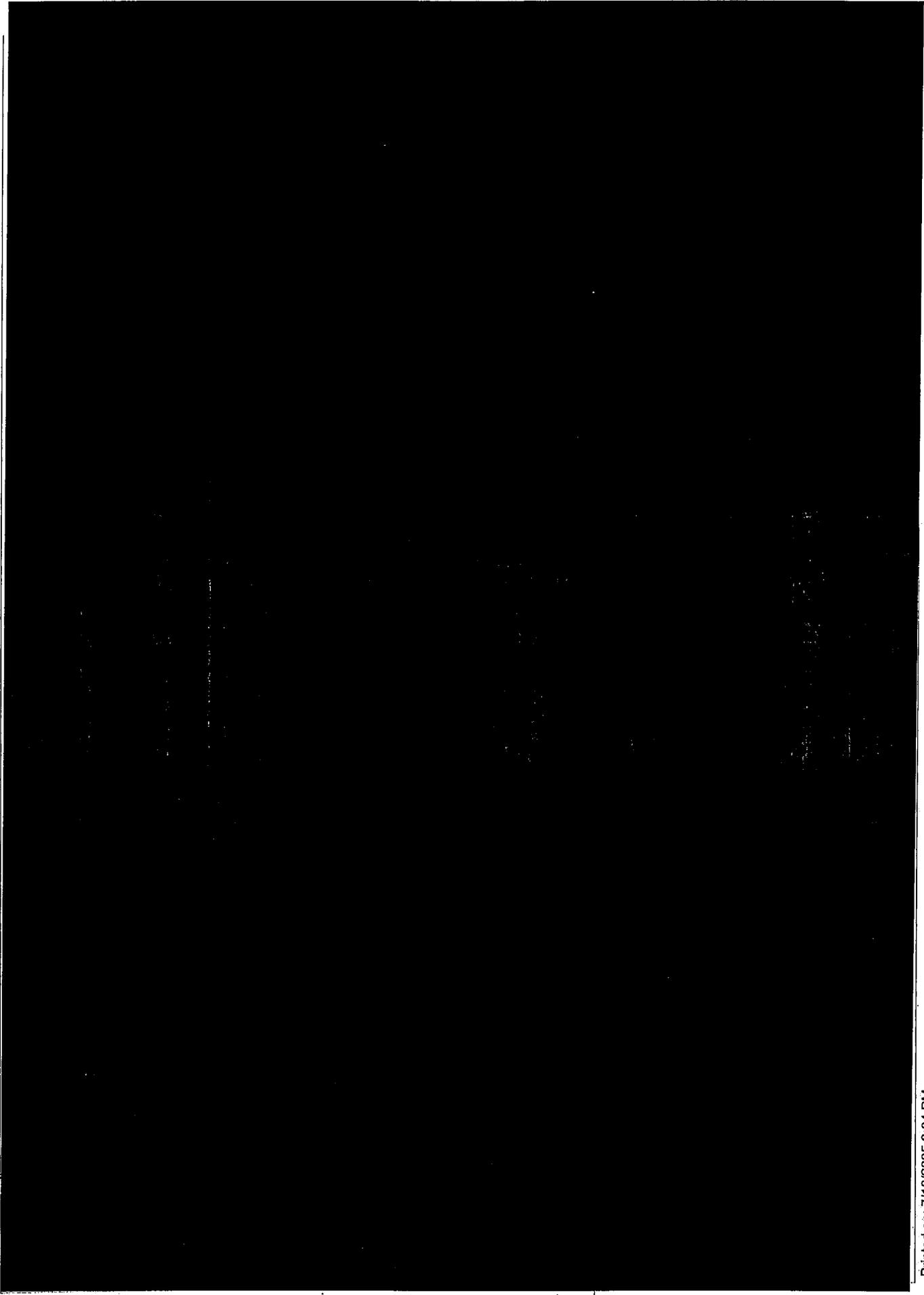
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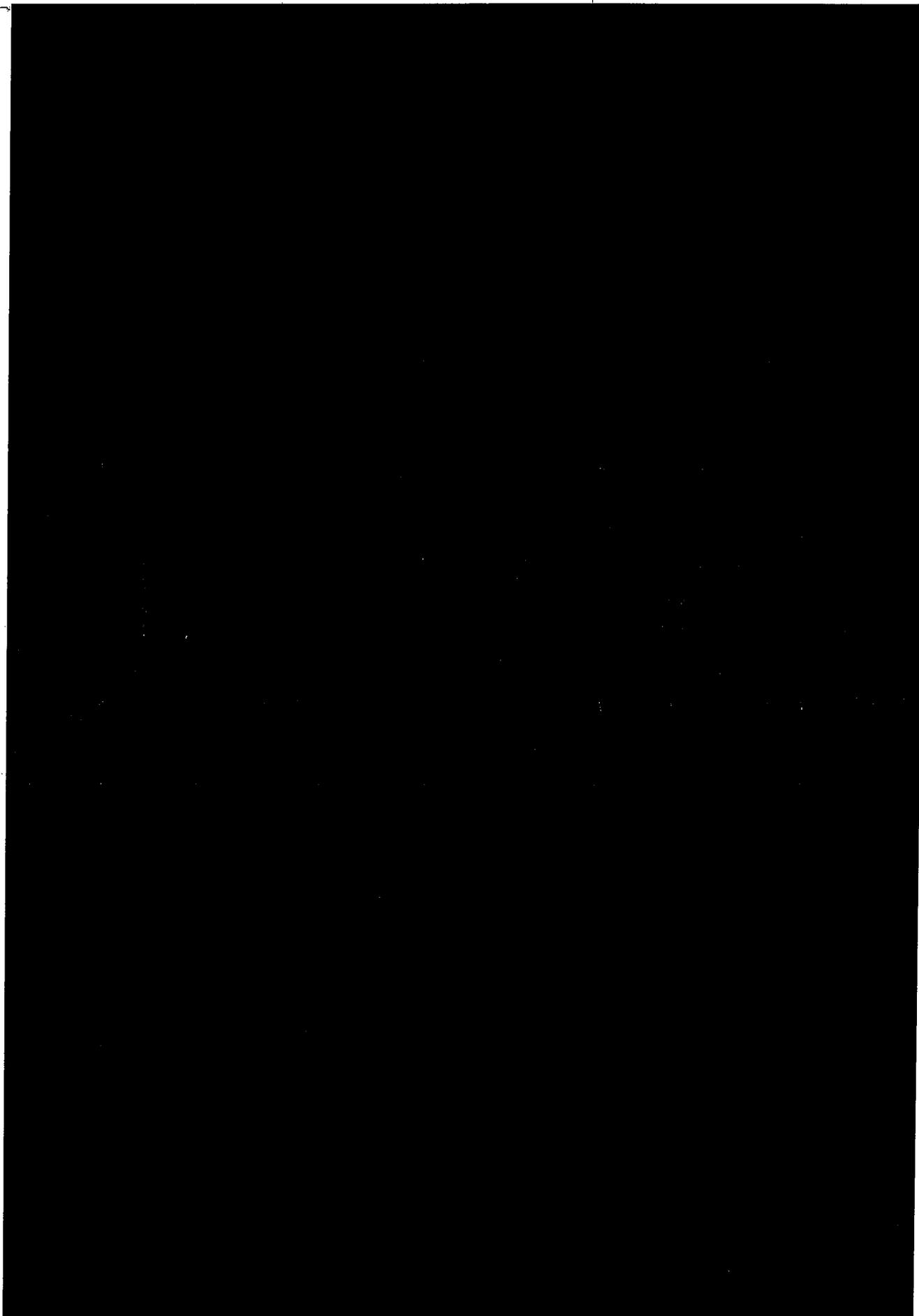
From: 7/1/2005
To: 6/30/2006

Travel

From	To	Purpose	Conference/Training Fees	Airfare	# of Trips	NO. OF People Per Trip	Days (Per trip)	Nights (Per Trip)	No. of Cars	PUV mileage/R T	Lodging Rate	Meal Rate	Total	Conference/Training Totals
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ID	Task Name	Duration	Work	Start	Finish	1st Quarter Jan Jun	2nd Quarter Apr Jul	3rd Quarter Jul Oct	4th Quarter Oct Dec
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Project: \B1100-fs02\Common\WBS\F
Date: Mon 7/18/05

Task

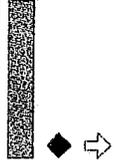
- Milestone
- Summary
- Project Summary

External Tasks

- External Milestone
- Deadline

Task Split Progress

ID	Task Name	Duration	Work	Start	Finish	1st Quarter Jan	2nd Quart Jun	3rd Quarte Jul	4th Quarte Oct	1st Quarte Jan	2nd Quarte Apr	3rd Quarte Jul	4th Quarte Oct
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External Tasks
External Milestone
Deadline



Milestone Summary
Project Summary



Task
Split
Progress

Project: IB1100-fs02(Common)WBSIF
Date: Mon 7/18/05

