

PART III

Special Instruction: U.S. Customs and Border Protection Interagency Agreement Number and Project Code must be referenced on every invoice/voucher.


PARTICIPATING AGENCY FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p style="text-align: right;">GRAND TOTAL \$17,812,803.00</p>
U. S. CUSTOMS AND BORDER PROTECTION FUNDING	Include in accounting strip: PROJECT CODE/NO. - APC - BFY - FUND - BUDPLN - ORG - PROG - OCC - TOTAL
	<p>10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532</p> <p>6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532</p> <p>6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532</p> <p style="text-align: right;">GRAND TOTAL \$17,812,803.00</p>

PART IV

Check Appropriate Boxes:		<input type="checkbox"/> Transfer Appropriation	<input type="checkbox"/> Billing for actual cost incurred
		<input type="checkbox"/> Other	
<input type="checkbox"/> Monthly	<input type="checkbox"/> Quarterly	<input type="checkbox"/> Semi-Annual	<input type="checkbox"/> Annual
		<input checked="" type="checkbox"/> Advanced	<input type="checkbox"/> Reimbursable Direct Fund Cite
BILLING / PAYMENT	PARTICIPATING AGENCY		U.S. CUSTOMS AND BORDER PROTECTION
	Agency Locator Code: 14010001		Agency Locator Code: 70050800
	BPN No.: 130907426		BPN No.: DUNS# 879824324
	Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230		Address: DHS - Customs & Border Protection National Finance Center PO Box 68908 Indianapolis IN 46268
	Point of Contact: MISTY FOSTER		Point of Contact: (b) (6)
	Telephone No.: 303-969-7454		Telephone No.: (b) (6)
	FAX No.:		FAX No.: (b) (6)
	E-Mail Address: MISTY_FOSTER@NBC.GOV		E-Mail Address: (b) (6)

U.S. Customs and Border Protection Form 236 (05/02)

APPROVALS

	PARTICIPATING AGENCY		U.S. CUSTOMS AND BORDER PROTECTION	
PROGRAM OFFICE	Name: JONATHAN M. ANDREW		Name:	
	Title: INTERAGENCY BORDERLAND COORDINATOR		Title:	
	Telephone No.: 202-208-7431		Telephone No.:	
	FAX No.:		FAX No.:	
	E-Mail Address: JONATHAN.ANDREW@IOS.DOI.GOV		E-Mail Address:	
	Signature: 	Date: 5-11-12	Signature:	Date:
C O T R	Name:		Name: (b) (6)	
	Title:		Title:	
	Telephone No.:		Telephone No.: (b) (6)	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature: (b) (6)	Date: 5/11/12
PROGRAM BUDGET OFFICE(R)	Name:		Name:	
	Title:		Title:	
	Telephone No.:		Telephone No.:	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature:	Date:
BUDGET DIVISION (for 2X only)	Name:		Name:	
	Title:		Title:	
	Telephone No.:		Telephone No.:	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	Signature:	Date:
CON- TRACTING OFFICER	Name:		Name: CLARENCE ABERNATHY	
	Title:		Title: Contracting Officer	
	Telephone No.:		Telephone No.: (b) (6)	
	FAX No.:		FAX No.:	
	E-Mail Address:		E-Mail Address:	
	Signature:	Date:	(b) (6)	

INSTRUCTIONS

Instructions are provided for only those items that need explanation and clarification. Enter N/A where an answer is not applicable.

PART I - ADMINISTRATION

- | | |
|-----------------------|---|
| Agreement Number - | Interagency Agreement (IA) number is assigned by U.S. Customs and Border Protection Procurement Division. |
| Option Number - | Include if the IA contains options and an option is being exercised or modified. |
| Task Order Number - | Include if referenced in the Statement of Work. |
| Statutory Authority - | Define under what authority the IA is authorized. |
| Requisition Number - | The Program Office assigns this number when appropriate. |

PART II - AGREEMENT

- | | |
|-----------------|--|
| Scope of Work - | Briefly summarize the statement of work. If the agreement is being modified, describe why the modification is being issued (not the accounting strip) |
| Attachments - | Check the appropriate boxes to indicate documents attached to CF236. |

PART III - FUNDING

- (1) Include line item numbers, accounting strips, and price for each.
- (2) For modification show how the prices are changed for the line items and show the revised total.
- (3) Include in the price adjustments, for all prior modifications, (under the currently funded IA) to show logic of changes to the price of the IA.
- (4) Insert in the Grand Total block the total amount, or revised total of the funded IA.

PART IV - BILLING/PAYMENT

This part is self-explanatory.

PART V - APPROVALS

- | | |
|------------------------------------|--|
| U.S. Customs and Border Protection | Provide complete information for all required Approving Officials. |
| Participating Agency | Include information requested only for those Approving Officials that are required by your organization. |

**DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION
INTERAGENCY AGREEMENT
(IAA)**

1. Agreement No. HSBP1010X00180	2. Modification No. P00005	3. Order No.	4. Requisition No. 0020057641				
5. Period of Performance From 09/28/2010 To 09/30/2015		6. Statutory Authority ECONOMY ACT (31 U.S.C 1535)	7. Date IAA Prepared 12/04/2013				
8. Requesting Agency Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: CLARENCE ABERNATHY Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)		9. Servicing Agency Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:					
10. Scope of Work a. The purpose of this no cost modification is to address the changes in the attached Performance Description Worksheets (PDWs). b. As a result this action, the IAA amount remains \$17,812,803.00. c. All other terms and condition remain the same.							
11. Delivery/Shipping Schedule Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW WASHINGTON DC 20240							
12. IAA Amount		13. Billing and Payment					
Base Price of IAA \$17,812,803.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Requesting Agency</th> <th style="width: 50%;">Servicing Agency</th> </tr> </thead> <tbody> <tr> <td> Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection National Finance Center PO Box 68908 Indianapolis IN 46268 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6) </td> <td> Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV </td> </tr> </tbody> </table>		Requesting Agency	Servicing Agency	Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection National Finance Center PO Box 68908 Indianapolis IN 46268 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)	Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV
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Modification Amount	\$0.00						
Assisted Acquisition Servicing Fee	\$0.00						
Total IAA Price	\$17,812,803.00						
14. Requesting Agency TAS No.		15. Servicing Agency TAS No.					
10 70X0533							
20 70X0533							
30 702/40533							

16. Invoice/Payment Method

- ☐ Requesting Agency Initiate IPAC
☐ Servicing Agency Initiate IPAC
☐ Credit Card
☐ Other (explain below)
- _____

17. Billing Frequency

- ☐ Monthly
☐ Quarterly
☐ Semi-annually
☐ Annual
☒ Advanced Payment (explain below)

☐ Other (explain below)

18. Requesting Agency Accounting and Appropriation Data

10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name				JONATHAN M. ANDREW	
Title				INTERAGENCY BORDERLAND COORDINATOR	
Telephone No.				202-208-7431	
Fax No.					
Email				JONATHAN_ANDREW@IOS.DOI.GOV	
Signature				Date: <i>[Signature]</i> 12-9-13	
Funding Officials					
Name					
Title					
Telephone No.					
Fax No.					
Email					
Signature				Date:	
Contracting Officials					
Name		CLARENCE ABERNATHY			
Title		Contracting Officer			
Telephone No.		(b) (6)			
Fax No.					
Email		(b) (6)			
Signature		(b) (6)		Date: 12-12-13	

**DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION**

**INTERAGENCY AGREEMENT
(IAA)**

INSTRUCTIONS

Block 1: Insert IAA number (automatic system populated).

Block 2: Insert modification number of the IAA (automatic system populated).

Block 3: Insert IAA order number (automatic system populated).

Block 4: Insert IAA requisition number (automatic system populated).

Block 5: Insert period of performance for the IAA.

Block 6: Insert statutory authority for the IAA.

Block 7: Insert date the IAA was prepared (automatic system populated).

Block 8: Insert requesting agency information.

Block 9: Insert servicing agency information.

Block 10: Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of alternative, if applicable.

Block 11: Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.

Block 12: Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA price--automatic system populated.

Block 13: Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).

Block 14: Insert the requesting agency TAS number for each line item (automatic system populated).

Block 15: Insert the servicing agency TAS number for each line item (automatic system populated).

Block 16: Check the invoice/payment method for the IAA and explain if "other" is selected.

Block 17: Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.

Block 18: Insert the requesting agency accounting and appropriation data per line item (automatic system populated).

Block 19: Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

Modification in Accordance with the Interagency Agreement HSBP1010X00180

Project Description Worksheet: Mitigation Coordinator

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested a modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW) there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Mitigation Coordinator

 X IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed within the previously approved schedule are: The Border Mitigation Coordinator position is an FTE for 4 years but the IAA is for 5 years, leaving the program without a Coordinator in the final year. Because there is still a level of effort (IPAC reports, COR duties to close-out contracts, tracking government property, invoicing, etc) needed in the fifth year, it was requested that the Border Mitigation Coordinator assume a ½ FTE for fiscal years 2014 and 2015. This will ensure, to the extent possible, that the Coordinator will oversee the completion of the IAA conservation actions and terms of agreement through to the end of the IAA.

No additional funding is requested to meet this change in FTE status. There is adequate budget for any travel, office equipment needs, and cell phone charges to cover this POP extension timeframe.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

Division Director
Title Real Estate and Environmental Services
Date 11/27/13

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: Implement jaguar, bat, and soil
stabilization conservation measures in the Naco-Douglas-Sasabe
Biological Opinion 22410-2007-F-0416**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Implement jaguar, bat, and soil stabilization conservation measures in the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416

X SOW, Art. II., D: The Action is no longer feasible and/or possible.

X Unused funds in the amount of \$84,000 are transferred to an on-going Action: Border-wide Mexican and lesser long-nosed bat roost protection, roost inventory, roost monitoring, and movement study. Unused funds in the amount of \$90,000 are reallocated to intensive ocelot surveys within this Action.

X DOI certifies that the Action described in the original PDW cannot be completed satisfactorily and releases CBP from any obligation to complete the Action. CBP is also released from the related conditions included in the Biological Opinion for Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416.

Additional Comments: DOI believes the \$84,000 was an insufficient level of funding to accomplish the objectives of lesser long-nosed bat foraging plant replacement and stabilization and revegetation of disturbed soils called for in the original PDW. By combining the \$84,000 with the border-wide bat project, DOI will be better able to assess bat roosts and protect those roosts that are in imminent threat or those needing additional protections.

DOI will use up to \$90,000 to add up to five intensive surveys for ocelots, if detected, to the existing contract for jaguar surveying and monitoring. The intensive surveys for ocelots are similar to those for jaguars as described in the original PDW. Ocelot and jaguar habitats overlap and information gathered from intensive surveys will assist DOI in better understanding each species' use of habitat in Arizona.

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed within the previously approved schedule are:

DOI will need the additional year to complete the anticipated jaguar survey and monitoring on the Tohono O'odham Nation (TON). The camera surveys need to be deployed for three field seasons and the work on TON is one year behind the current contracted effort with UA. Additionally, there are a number of other projects that need to be implemented; because some of them rely on other work being accomplished first, DOI needs to account for the follow-on work timelines.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

Division Director _____ 11/27/13
Title Real Estate and Environmental Services Date

Project Description Worksheet: Implement Sonoran pronghorn and lesser long-nosed bat conservation measures in Biological Opinion 22410-2008-F-0011, Organ Pipe Cactus National Monument, Arizona

Modification to Project Description Worksheet (PDW): Implement Sonoran pronghorn and lesser long-nosed bat conservation measures in Biological Opinion 22410-2008-F-0011, Organ Pipe Cactus National Monument, Arizona

The reasons that the Action could not be completed are: The additional time will allow for extended maintenance – resulting in lower probability of loss of agave seedlings to non-native species infestations, rodent and deer damage – and more monitoring data.

CBP has reviewed and approves the changes.

(b) (6)

Division Director 11/24/13
Title Room Editor and Correspondent Date

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: San Bernardino Valley Mitigation**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): San Bernardino Valley Mitigation

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: The original PDW Estimated Start Date was 2009 but because the IAA was not signed and funds released until August 2010, DOI couldn't meet the 2010 deadline. DOI wants to make sure it has enough time to fully implement all tasks.

CBP Concurrence

CBP has reviewed and ~~dis~~approves the changes.

(b) (6)

Dustin D. [Signature] 11/27/13
Title Date
Rural Outreach and Environmental Services

Modification in Accordance with the Interagency Agreement HSBP1010X00180

Project Description Worksheet: Rio Yaqui Fish Studies

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Rio Yaqui Fish Studies

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: DOI needs to account for delays during construction of the fish barrier and completion of field work. Rushing the field work and analysis of the fish study would potentially cause poor or incorrect results.

CBP Concurrence

CBP has reviewed and ~~appro~~ves the changes.

(b) (6)

Division Director 11/27/13
Title Ron Estate and Environmental Date
Services

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: Peninsular Bighorn Sheep Study**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Peninsular Bighorn Sheep Study

X IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: Due to contractor delays, including death of the subcontractor owner/pilot midway through season in 2011, DOI lost a year to capture and collar up to eight adult sheep (Oct/Nov) and the following aerial survey work the spring of 2012. DOI needs the additional time to be able to collect the amount of data needed for management of this species.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

Director Director 11/22/13
Title Procurement and Environmental Date
Supplies

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: Coronado National Memorial
Agave Restoration**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Coronado National Memorial Agave Restoration

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: DOI has scheduled and budgeted work for the entire new period of performance. This time extension would give DOI more time for maintenance of the agave seedlings, ensuring higher plant survival, and more monitoring data to support future restoration.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

Divakar D. D. D. 11/22/13
Title Lead Editor and Environmental Date
Services

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: Northern Aplomado Falcon
Reintroduction and Habitat Restoration**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Northern Aplomado Falcon Reintroduction and Habitat Restoration

 X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The proposed completion date is September 30, 2015.

The reasons that the Action could not be completed are: The IAA was signed after the estimated start of this project in 2010, and the first year of funding was necessarily postponed for one year. A time extension would allow DOI to collect longer-term survey and monitoring data of the reintroduced northern aplomado falcons and grassland restoration results. This extension would provide higher quality scientific information for formulating future recovery efforts.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

Division Director 11/27/13
Title Rom Estete and Environmental Services Date

**Modification in Accordance with the Interagency Agreement
HSBP1010X00180**

**Project Description Worksheet: Border-wide Mexican and lesser
long-nosed bat roost protection, roost inventory, roost monitoring,
and movement study**

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on February 16, 2012 (IAA), DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Border-wide Mexican and lesser long-nosed bat roost protection, roost inventory, roost monitoring, and movement study

X **SOW, Art. II. § C.1: The Costs of completing the Action exceed its individualized cost estimate.**

X (b)(2) The Action will be completed with funds set aside for another on-going or future Action: Implement jaguar, bat, and soil stabilization conservation measures in the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-0416. The additional cost of completion is \$84,000.

X **IAA Terms and Conditions, ¶ 10: The Period of Performance is extended.**

The Action could not be completed within the previously approved schedule. The new completion date is September 30, 2015.

The reasons that the Action could not be completed are: More time is needed to award contract(s) for placement of roost protection devices (i.e. cages or gates) on the bat roosts needing those protections and to be able to identify or prioritize bat roosts that need the higher protections.

CBP Concurrence

CBP has reviewed and approves the changes.

(b) (6)

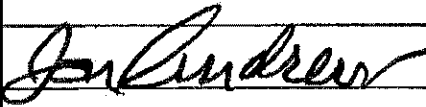
Director, Division
Title Rem. Est. and Implementation
Signature

11/27/13
Date

**DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION
INTERAGENCY AGREEMENT
(IAA)**

1. Agreement No. HSBP1010X00180	2. Modification No. P00006	3. Order No.	4. Requisition No. 0020057641				
5. Period of Performance From 09/28/2010 To 09/30/2015		6. Statutory Authority ECONOMY ACT (31 U.S.C 1535)	7. Date IAA Prepared 10/21/2014				
8. Requesting Agency Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: CLARENCE ABERNATHY Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)		9. Servicing Agency Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:					
10. Scope of Work a. The purpose of this no cost modification is for the acquisition and deployment of ocelot collars. The change would reallocate \$110,000 in remaining funds within the 200K task from land acquisition to acquisition and deployment of radio collars, the primary purpose of which would still be ocelot conservation in the Lower Rio Grande Valley area of Texas. b. This action will not result in an increase in the IAA amount or a longer than five year POP for the IAA. c. The change request was submitted by DOI and is supported by the BPFTI PMO. d. As a result of this action, the IAA amount remains \$17,812,803.00. The period of performance end date remains unchanged. e. All other terms and condition remain the same.							
11. Delivery/Shipping Schedule Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW WASHINGTON DC 20240							
12. IAA Amount		13. Billing and Payment					
Base Price of IAA \$17,812,803.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Requesting Agency</th> <th style="width: 50%;">Servicing Agency</th> </tr> </thead> <tbody> <tr> <td> Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6) </td> <td> Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV </td> </tr> </tbody> </table>		Requesting Agency	Servicing Agency	Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)	Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV
Requesting Agency	Servicing Agency						
Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)	Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO 80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV						
Modification Amount	\$0.00						
Assisted Acquisition Servicing Fee	\$0.00						
Total IAA Price	\$17,812,803.00						
14. Requesting Agency TAS No.		15. Servicing Agency TAS No.					
10	70X0533	10	00000000				
20	70X0533	20	00000000				
30	702/40533	30	00000000				

16. Invoice/Payment Method <input type="checkbox"/> Requesting Agency Initiate IPAC <input type="checkbox"/> Servicing Agency Initiate IPAC <input type="checkbox"/> Credit Card <input type="checkbox"/> Other (explain below) _____	17. Billing Frequency <input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-annually <input type="checkbox"/> Annual <input checked="" type="checkbox"/> Advanced Payment (explain below) _____
18. Requesting Agency Accounting and Appropriation Data 10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533 20 6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533 30 6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533	

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name				JONATHAN M. ANDREW	
Title				INTERAGENCY BORDERLAND COORDINATOR	
Telephone No.				202-208-7431	
Fax No.					
Email				JONATHAN_ANDREW@IOS.DOI.GOV	
Signature				Date:	Date: 10-31-14
Funding Officials					
Name					
Title					
Telephone No.					
Fax No.					
Email					
Signature				Date:	Date:
Contracting Officials					
Name		CLARENCE ABERNATHY			
Title		Contracting Officer			
Telephone No.		(b) (6)			
Fax No.					
Email					
Signature		(b) (6)		Date: 10-4-14	Date:

DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT
(IAA)

INSTRUCTIONS

Block 1: Insert IAA number (automatic system populated).

Block 2: Insert modification number of the IAA (automatic system populated).

Block 3: Insert IAA order number (automatic system populated).

Block 4: Insert IAA requisition number (automatic system populated).

Block 5: Insert period of performance for the IAA.

Block 6: Insert statutory authority for the IAA.

Block 7: Insert date the IAA was prepared (automatic system populated).

Block 8: Insert requesting agency information.

Block 9: Insert servicing agency information.

Block 10: Insert a brief description of the IAA requirements (scope of work) and list the applicable attachments in this block. At a minimum, the attachments should include the IAA terms and conditions, statement of work, and analysis of alternative, if applicable.

Block 11: Insert the delivery and/or shipping schedule for the IAA or indicate where the delivery/shipping schedule may be found.

Block 12: Insert the base price of the IAA, modification amount, assisted acquisition servicing fee, and total IAA price--automatic system populated.

Block 13: Insert the billing and payment information for the requesting and servicing agency (requesting agency information automatic system populated).

Block 14: Insert the requesting agency TAS number for each line item (automatic system populated).

Block 15: Insert the servicing agency TAS number for each line item (automatic system populated).

Block 16: Check the invoice/payment method for the IAA and explain if "other" is selected.

Block 17: Check the billing frequency for the IAA and explain if "advanced payment" or "other" is selected.

Block 18: Insert the requesting agency accounting and appropriation data per line item (automatic system populated).

Block 19: Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

**DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION
INTERAGENCY AGREEMENT
(IAA)**

1. Agreement No. HSBP1010X00180	2. Modification No. P00007	3. Order No.	4. Requisition No. 0020057641				
5. Period of Performance From 09/28/2010 To 09/30/2017		6. Statutory Authority ECONOMY ACT (31 U.S.C 1535)	7. Date IAA Prepared 10/21/2014				
8. Requesting Agency Agency Name: DHS - Customs & Border Protection Office/Division: CBP POC: Yolanda S. Brown Address: 1901 South Bell Street Arlington VA 22202 POC Phone No.: (b) (6)		9. Servicing Agency Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:					
10. Scope of Work a. The purpose of this no cost modification is as follows: 1. Transfer funds in the amount of \$ (b)(3) from 200J to 200F. As a result, 200J is decreased from (b)(3) 200J is increased from (b)(3) (See attached) 2. In addition, \$15,000.00 is transferred from 200B-jaguar to 200D-SBNWR, for additional gabion wall construction. As a result 200B is reduced from \$2,035,000.00 to \$2,020,000.00. 200D is increased from \$657,480.00 to \$672,480.00. (See attached) b. The period of performance is extended to Sep 30, 2017. c. The change request was submitted by DOI and is supported by the BPFTI PMO. d. The IAA amount remains \$17,812,803.00.							
11. Delivery/Shipping Schedule Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW WASHINGTON DC 20240							
12. IAA Amount		13. Billing and Payment					
Base Price of IAA \$17,812,803.00		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Requesting Agency</th> <th style="width: 50%;">Servicing Agency</th> </tr> </thead> <tbody> <tr> <td> Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6) </td> <td> Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV </td> </tr> </tbody> </table>		Requesting Agency	Servicing Agency	Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, Suite 100 Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)	Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV
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Modification Amount	\$0.00						
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Total IAA Price	\$17,812,803.00						
14. Requesting Agency TAS No.		15. Servicing Agency TAS No.					
10	70X0533	10	00000000				
20	70X0533	20	00000000				
30	702/40533	30	00000000				

16. Invoice/Payment Method


- ☐ Requesting Agency Initiate IPAC
☐ Servicing Agency Initiate IPAC
☐ Credit Card
☐ Other (explain below)
- _____

17. Billing Frequency

- ☐ Monthly
☐ Quarterly
☐ Semi-annually
☐ Annual
☒ Advanced Payment (explain below)
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- _____

18. Requesting Agency Accounting and Appropriation Data

10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532
 TAS# 70X0533
20 6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532
 TAS# 70X0533
30 6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532
 TAS# 702/40533

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name	(b) (6)		JONATHAN M. ANDREW		
Title	Environmental Branch Chf		INTERAGENCY BORDERLAND COORDINATOR		
Telephone No.	(b) (6)		202-208-7431		
Fax No.			 JONATHAN_ANDREW@IOS.DOI.GOV		
Email	(b) (6)				
Signature		Date:			Date: 6-2-15
Funding Officials					
Name	(b) (6)				
Title	Financial Mgt Br Chf				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature		Date:			Date:
Contracting Officials					
Name	Yolanda S. Brown				
Title	Contracting Officer				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature		Date:			Date:

DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION

INTERAGENCY AGREEMENT
(IAA)

INSTRUCTIONS

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Block 18: Insert the requesting agency accounting and appropriation data per line item (automatic system populated).

Block 19: Insert IAA approval information for the requesting and servicing agency pertaining to program officials, funding officials, and contracting officers. Include the date for each signature.

Request for Reduction of Funding on Project Description Worksheet: 200B, Sasabe Biological Opinion (Jaguar) to move Funding to 200D, San Bernardino Valley Mitigation

AGENCY: Department of Interior, U.S. Fish and Wildlife Service (USFWS)

Project Managers: (b) (6) Border Mitigation Coordinator, is working with (b) (6) San Bernardino National Wildlife Refuge (SBNWR). Arizona Ecological Services Field Office is in concurrence with the proposed transfer.

PDW: As described in Project Description Worksheet (PDW) 200D work will consist of constructing rock and wire erosion control gabions to help slow floodwaters, capture of transported sediment, and will result in reduced creek bed scouring and erosion. These gabions will also mitigate impacts to riparian habitat that have already occurred. Benefits to listed Yaqui fishes and the Huachuca water umber are expected.

What is the additional task(s)? Continue building erosion control rock gabions on SBNWR using Refuge work force labor.

Why change is requested/needed: The FWS Tucson Office has an immense workload and is unable to effectively expend these funds. Endangered species conservation needs are still significant at SBNWR. The Refuge has the supplies needed to build the rock gabions and can do so with Refuge force labor but has expended all the funding under conservation action 200D. Reallocating these funds from 200B to 200D would allow the funds to be used immediately to benefit endangered species.

All the work expected to be performed under 200B has been completed, or will be completed at the conclusion of existing contracts and Intra-agency agreements.

Scope Schedule and Budget for the additional task(s):

Scope of the task – Use Refuge work force labor to build and install erosion control rock gabions on SBNWR using existing materials available on site.

Schedule –

May-July 2015: Notify SBNWR Manager to proceed to spend labor against 200B WBS.
ECD: July 2015.

How much would it cost? Total: \$15,000.00

Concurrence:

Y or N


DOI Borderlands Coordinator

4-20-15

Date

Request for Additional Task(s) on Project Description Worksheet: 200F, Peninsular Bighorn Sheep

AGENCY: Department of Interior, U.S. Fish and Wildlife Service (USFWS)

Project Managers: Patrick Gower, Biologist for Carlsbad Fish and Wildlife Office (FWO), is requesting reallocation of (b)(3) to be used at the San Diego National Wildlife Refuge (SDNWR) for road maintenance and restoration. Jill Terp, Refuge Manager, will be the lead contact for use of the reallocated funds.

PDW: Proposed work consists of maintenance on (b) (7)(E) road on SDNWR. A portion of the road is on the (b) (7)(E) portion of the Refuge acquired in part with funds from *200J California Land Acquisition for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher* a conservation action previously funded. Upgrading this road and improving driving access on this parcel is essential to Refuge management, including fire and law enforcement activities, and, most importantly for, habitat management, species monitoring, and ecological restoration.

What is the additional task(s)? Issue a contract to an 8(a) contractor to perform the road maintenance and upgrading to make sure the road is safe for Refuge personnel and habitats to be managed are accessible to refuge personnel.

Why change is requested/needed: The FWS have performed three consecutive seasons of aerial surveying, capture and radio collaring of Peninsular Bighorn Sheep. The information gathered to date from this effort has met the intent of the original conservation action. Specifically, to collect data on sheep movement patterns to aid in assessing the effects of fence construction and alignment, and also to assess impacts of human activity on bighorn habitat use and behavior. There are currently a sufficient number of animals collared and adequate funding for monitoring for the life of the project. Reallocation of the funds to the recommended road maintenance would provide significant benefits to three species potentially impacted by border infrastructure and would enhance management capability and restoration efforts for those species.

Environmental compliance reviews will be completed prior to conducting the road maintenance.

Scope Schedule and Budget for the additional task(s):

Scope of the task – Contract to restore (b) (7)(E) road adjacent to and within the (b) (7)(E) (b) (7)(E) portion of the SDNWR Complex.

Schedule –

May-July 2015: Award 8(a) contract to perform road restoration. ECD: July 2015.

How much would it cost? Total: (b)(3)

Concurrence:

Y or N


DOI Borderlands Coordinator

4-20-15

Date

Modification in Accordance with the Interagency Agreement HSBP1010X00180

Project Description Worksheet: Jaguar Conservation Measures

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on May 4, 2012, DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Jaguar Conservation Measures

X SOW, Art. II. § C.2: There is a balance remaining after completion of the Action.

X (b) Remaining funds in the amount of \$15,000.00.
The remaining funds in the amount of \$15,000.00 shall be transferred to another Action. The funds shall be transferred to the San Bernardino Valley Mitigation Action to build and install erosion control rock gabions on San Bernardino National Wildlife Refuge (SBNWR). This further offsets adverse effects of tactical infrastructure (TI) construction to riparian habitat, listed Yaqui fishes, and the Huachuca water umbel.

X DOI certifies that the Actions described in the original PDW for Jaguar Conservation Measures have been completed satisfactorily.

Scope of the task –

The proposed work consists of using SBNWR work force labor to build and install erosion control rock gabions on SBNWR with existing materials available on site. The gabions will help slow floodwaters and capture of transported sediment, and will result in reduced creek bed scouring and erosion

Schedule –

The proposed work will be conducted between May 2015 and July 2015 with an estimated completion date of July 31, 2015.

CBP Concurrence

CBP has reviewed and approves the changes.

N **(b) (6)**

Acting Director, Real Estate & Environmental Division

Title

April 23, 2015

Date

Modification in Accordance with the Interagency Agreement
HSBP1010X00180
Project Description Worksheet: Peninsular Bighorn Sheep Study

In accordance with the terms of the Interagency Agreement (IAA) between U.S. Customs and Border Protection (CBP) and the U.S. Department of the Interior (DOI), HSBP1010X00180, dated September 28, 2010, as amended on May 4, 2012, DOI requested this modification to the IAA. Paragraph 10 of the IAA Terms and Conditions allows for unilateral or bilateral modifications to the IAA, as appropriate. Similarly, in Article II, Sections C and D of the IAA Statement of Work (SOW), there are provisions that allow for adjustments in funding for conservation actions and/or the abandonment or replacement of conservation actions. The Details of the modification are as follows:

Modification to Project Description Worksheet (PDW): Peninsular Bighorn Sheep Study

X SOW, Art. II. § C.2: There is a balance remaining after completion of the Action.

X (b) Remaining funds in the amount of (b)(3)
The remaining funds in the amount of \$ (b)(3) shall be transferred to another Action. The funds shall be used to restore an access road partially in the (b) (7)(E) portion of the San Diego National Wildlife Refuge (SDNWR) that was acquired with funding from the California Land Acquisition for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher Action. It further offsets adverse effects of tactical infrastructure (TI) construction in California on suitable and critical habitat of the following federally threatened and endangered species: arroyo toad [*Anaxyrus (Bufo) californicus*], coastal California gnatcatcher (*Polioptila californica californica*) and Quino checkerspot butterfly (*Euphydryas editha quino*). The restored road will provide law enforcement, emergency service personnel, and refuge personnel access to remote areas of the Refuge.

X DOI certifies that the Actions described in the original PDW for Peninsular Bighorn Sheep Study have been completed satisfactorily.

Scope of the task –

The proposed work consists of maintenance of (b) (7)(E) road on SDNWR. A portion of the road is on the (b) (7)(E) portion of the SDNWR. The SDNWR will issue a contract to an 8(a) contractor to perform the road maintenance to ensure the road is safe for travel and the remote habitats in the SDNWR are accessible to SDNWR personnel.

Schedule –

The proposed work will be conducted between May 2015 and July 2015 with an estimated completion date of July 31, 2015.

CBP Concurrence

CBP has reviewed and approves the changes.

<div><div></div><div>(b) (6)</div></div>	<div>Acting Director</div> <div>Title</div>	<div>May 4, 2015</div> <div>Date</div>
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**DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION
INTERAGENCY AGREEMENT
(IAA)**

1. Agreement No. HSBP1010X00180		2. Modification No. P00008		3. Order No.		4. Requisition No. 0020057641	
5. Period of Performance From 09/28/2010 To 09/30/2015			6. Statutory Authority ECONOMY ACT (31 U.S.C 1535)			7. Date IAA Prepared 01/24/2017	
8. Requesting Agency Agency Name: DHS - Customs & Border Protection Office/Division: Customs and Border Protection POC: Kerri Bishop Address: 1300 Pennsylvania Ave, NW Procurement Directorate - NP 1310 Washington DC 20229 POC Phone No.: (b) (6)					9. Servicing Agency Agency Name: Department of the Interior Office/Division: POC: Address: 1849 C Street NW Washington DC 20248-0001 POC Phone No.:		
10. Scope of Work The purpose of this modification is to deobligate remaining funds from CLIN 10 in the amount of \$7,716.31 and closeout the DOI PF225 Environmental Mitigation IAA in its entirety. All final invoices have been paid in full and there are no unresolved issues that preclude IAA closeout.							
11. Delivery/Shipping Schedule Office of the Asst Secretary, Law Enforcement & Emergency Ops 1849 C. St, NW WASHINGTON DC 20240							
12. IAA Amount				13. Billing and Payment			
Base Price of IAA		\$17,812,803.00		Requesting Agency		Servicing Agency	
Modification Amount	\$7,716.31-	Locator Code: 70050800 DUNS #: DUNS# 879824324 Address: DHS - Customs & Border Protection Commercial Accounts Sect. 6650 Telecom Drive, (b) (6) Indianapolis IN 46278 POC: (b) (6) POC Phone #: (b) (6) POC Fax #: (b) (6) POC Email: (b) (6)		Locator Code: 14010001 DUNS #: 130907426 Address: National Business Center, MS-D2705 Financial Mgt - Bus Mgmt Officer Attn: Agreements 7301 W. Mansfield Ave Denver CO80235-2230 POC: MISTY FOSTER POC Phone #: 303-969-7454 POC Fax #: (b) (6) POC Email: MISTY_FOSTER@NBC.GOV		Assisted Acquisition Servicing Fee	
	\$0.00						
Total IAA Price	\$17,805,086.69						
14. Requesting Agency TAS No.				15. Servicing Agency TAS No.			
10	70X0533			10	00000000		
20	70X0533			20	00000000		
30	702/40533			30	00000000		

16. Invoice/Payment Method

- ☐ Requesting Agency Initiate IPAC
☐ Servicing Agency Initiate IPAC
☐ Credit Card
☐ Other (explain below)
- _____

17. Billing Frequency

- ☒ Monthly
☐ Quarterly
☐ Semi-annually
☐ Annual
☐ Advanced Payment (explain below)
☐ Other (explain below)
- _____

18. Requesting Agency Accounting and Appropriation Data

10 6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532
TAS# 70X0533
20 6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532
TAS# 70X0533
30 6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532
TAS# 702/40533

19. Approvals					
Program Officials		Requesting Agency		Servicing Agency	
Name	(b) (6)		JONATHAN M. ANDREW		
Title	Environmental Branch Chf		INTERAGENCY BORDERLAND COORDINATOR		
Telephone No.	(b) (6)		202-208-7431		
Fax No.			<i>[Signature]</i>		
Email	(b) (6)		JONATHAN_ANDREW@IOS.DOI.GOV		
Signature	(b) (6)		Date:	01/31/17	Date: 1-27-17
Funding Officials					
Name	(b) (6)				
Title	Financial Mgt Br Chf				
Telephone No.	(b) (6)				
Fax No.					
Email	(b) (6)				
Signature			Date:		Date:
Contracting Officials					
Name	Kerri Bishop				
Title	Contracting Officer				
Telephone No.	(b) (6)				
Fax No.	(b) (6)				
Email	(b) (6)				
Signature			Date:		Date:

**ATTACHMENT INFORMATION
FOR
AWARD/ORDER/IA MODIFICATION: HSBP1010X00180P00008**

I.1 52.209-10 PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS (NOV 2015)

I.2 ACCOUNTING and APPROPRIATION DATA

ITEM #	ACCOUNTING and APPROPRIATION DATA	AMOUNT
10	6100.2532USCSGLCS0928040500Z00009173SB01 SB1402532 TAS# 70X0533	\$6,805,086.69
20	6100.2532USCSGLCS0928040500ZFOP11173SB0101030000 SB1402532 TAS# 70X0533	\$8,000,000.00
30	6100.2532USCSGLCS0928040500ZFOP12173SB0101003400 SB1402532 TAS# 702/40533	\$3,000,000.00

I.3 DELIVERY SCHEDULE

DELIVER TO:	ITEM #	QTY	DELIVERY DATE
Customs and Border Protection 1300 Pennsylvania Avenue NW Washington, DC 20229	10	1.000	09/30/2015
	20	1.000	09/30/2012
Customs and Border Protection 1301 Constitution Av, NW Washington, DC 20004	30	1.000	09/30/2012

I.5 SCHEDULE OF SUPPLIES/SERVICES

ITEM #	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. PRICE
10	Conservation Actions	1.000	AU	\$6,805,086.69	\$6,805,086.69
20	Conservation Actions	1.000	AU	\$8,000,000.00	\$8,000,000.00
30	Conservation Actions	1.000	AU	\$3,000,000.00	\$3,000,000.00

Total Funded Value of Award:

\$17,805,086.69

Date: November 21, 2016

TO: (b) (6)
Contracting Specialist
Procurement Directorate
U.S. Customs & Border Protection

FROM: (b) (6)
Financial Management Branch Chief
BPAM PMO
OFAM

SUBJECT: Request for Deobligation – HSBP 1010X00180

The Border Patrol Facilities and Tactical Infrastructure Program Management Office (BPFTI PMO) requests a deobligation modification/close out of the DOI PF225 Environmental Mitigation IAA.

This IAA expired 9/30/2015. BP requests a deobligation of \$7,716.31 from LI 10. This is the only remaining funding and will closeout the agreement. The deob has been entered in SAP.

Please refer any questions (b) (6)

(b) (6)
Financial Management Branch Chief
BPAM PMO
OFAM



DEPARTMENT OF HOMELAND SECURITY
U.S. CUSTOMS AND BORDER PROTECTION
INTERAGENCY AGREEMENT WITH
DEPARTMENT OF THE INTERIOR



OFFICE OF THE SECRETARY
OFFICE OF LAW ENFORCEMENT AND SECURITY

INTERAGENCY AGREEMENT FINAL REPORT

DELIVERABLE UNDER
CONTRACT NUMBER 1010X00180

March 2016

PRODUCED FOR:
INTERAGENCY BORDERLAND COORDINATOR
DEPARTMENT OF THE INTERIOR

PREPARED BY:
BORDER MITIGATION COORDINATOR
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE



1.0 INTRODUCTION

This report is the final deliverable under Interagency Agreement (IAA) number 1010X00180, as amended February 2012, between the Department of Homeland Security (DHS) and the Department of the Interior (DOI). The agreement period of performance was between August 25, 2010, to September 30, 2015, and was funded at \$17,812,803.00. Table 1 depicts the allocation of funds for implementation of the 11 conservation actions along the southern border from California to Texas. This report is the culmination of the efforts by the DOI to implement the conservation actions in accordance with the IAA Statement of Work, Project Description Worksheets.

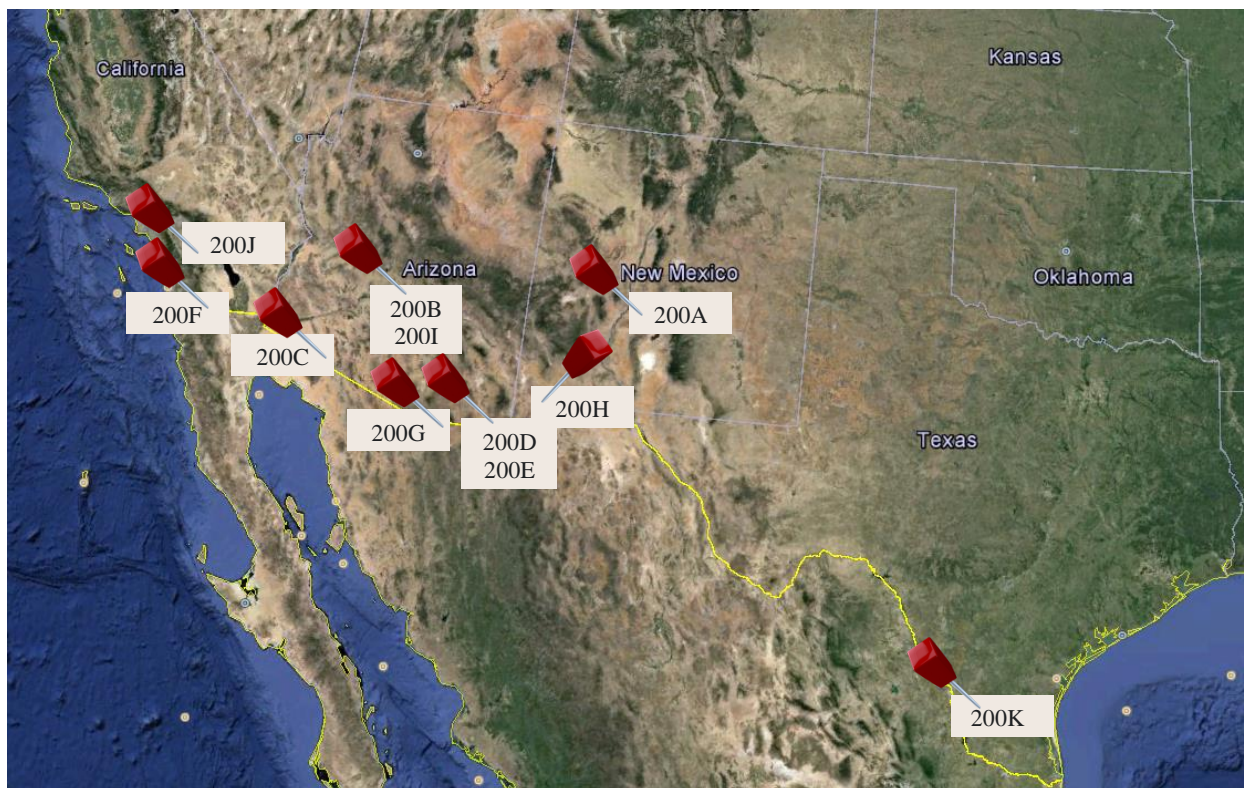
Table 1. Fund Status as of September 30, 2015

Conservation Action Number and Title	Initial Budgeted Amount	Amount Realigned	Amount Unspent
200A Mitigation Coordinator	\$685,500.00	\$0.00	\$0.83
200B Sasabe Biological Opinion	\$2,119,000.00	-\$99,000.00	\$0.68
200C Organ Pipe Cactus NM Biological Opinion	\$980,000.00	\$0.00	\$2,958.05
200D San Bernardino Valley Mitigation	\$657,480.00	+\$15,000.00	\$96.70
200E Rio Yaqui Fish Studies	\$441,250.00	\$0.00	\$0.00
200F Peninsular Bighorn Sheep Study	\$230,000.00	-\$36,808.00	\$0.80
200G Coronado NM Agave Restoration	\$274,873.00	\$0.00	\$1,187.41
200H Northern Aplomado Falcon Reintroduction and Habitat	\$499,700.00	\$0.00	\$12.86
200I Border-wide Bat Conservation	\$925,000.00	+\$84,000.00	\$3,531.01
200J CA Land Acquisition	\$8,000,000.00	+\$36,808.00	\$0.00
200K TX Land Acquisition	\$3,000,000.00	\$0.00	\$0.00
	\$17,812,803.00		\$7,788.35

This final report varies from previous bi-annual reports where we reported what had happened in the previous six - 12 months, a funds status for that timeframe, and a six-month forecast as to what we were expecting to accomplish in the next six months, by conservation action. The final report is formatted to describe how each of the conservation action was implemented by the task(s) as per the project description worksheets followed by how we accomplished each of the task(s) to meet those expectations. Figure 1 illustrates the distribution and general location of all eleven conservation actions. Additionally in Section 3.0, each conservation action has a breakdown of how the funds were spent based on funding line charges (Table 14). This breakdown is represented as a pie-chart, accompanied by a table of expenses. The Statement of Work, Section II(B) stipulated that 40% of the work was to have been accomplished by in-house DOI personnel; the overall percentage was 23%. Conservation Actions 200A, 200C, and 200G exceeded the 40% target; conservation actions 200D and 200E would have exceeded the target if

we account for the materials purchased required for the in-house work to be accomplished. The DOI personnel who managed each of these conservation actions have written up their accomplishments that are referenced in the relevant sections in the Appendices.

Figure 1. Distribution Map of Conservation Actions



Often with government acquisition, there are modifications to the original agreement. As in this case, Custom and Border Protection (CBP) issued seven modifications to this agreement, as highlighted in Table 2. Two of the modifications were to add \$13,000,000 to the original IAA, one was to reset the frequency of the DOI IPACs to CBP for reimbursement, one was to extend the POP of individual conservation actions within the IAA POP to ensure the work would be accomplished within the 5 years of the agreement, and the final type of modifications was to realign funding from one conservation action to another to ensure the funds would be spent on appropriate mitigation.

Table 2. IAA Modifications for IAA 1010X00180

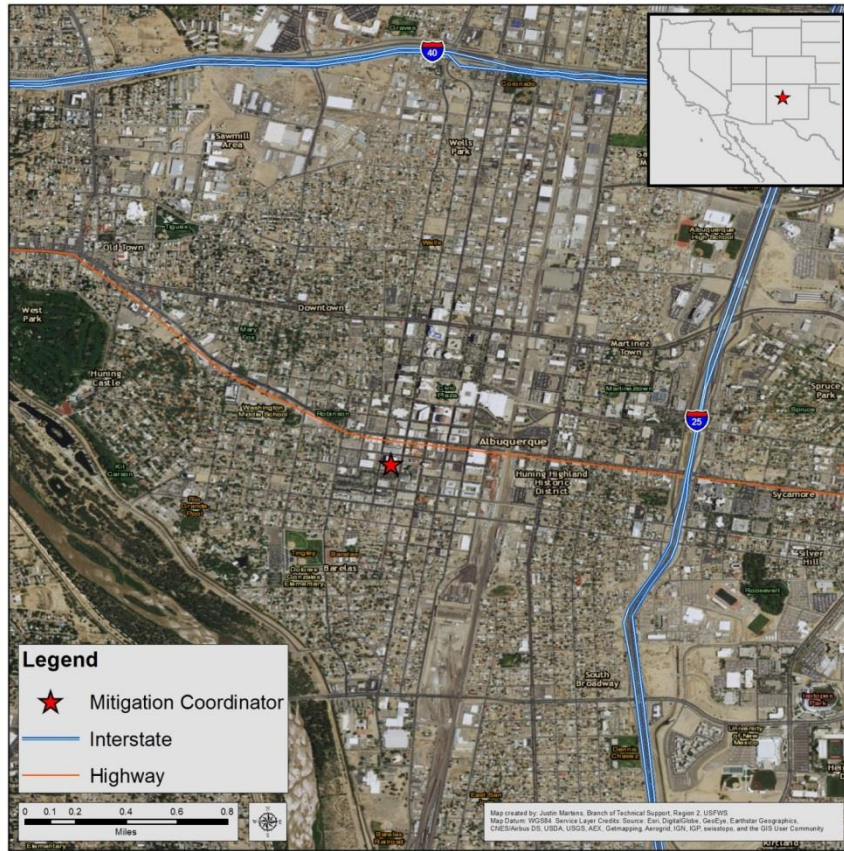
Mod #	Date	Purpose of Modification	“No Cost Mod” or add \$ Mod	Conservation Action(s) Affected
001	8/2/2011	Change frequency of IPAC from DOI to CBP from annual to monthly	No Cost	None
002	2/16/2012	New conservation action (200J: CA Land Acquisition)	\$8,000,000	200J
003	5/4/2012	New conservation action (200K: TX Land Acquisition)	\$3,000,000	200K
004	4/13/2012	Change from Monthly to Advance for the \$8M for 200J: CA Land Acquisition	No Cost	200J
005	12/9/2013	Adjustments to period of performance or realignment of funding on original nine conservation actions, e.g. \$84K from 200B to 200I, allow \$90K on 200B to include ocelot surveys.	No Cost	200A-200I
006	10/31/2014	Realign funding of \$110K from TX land acquisition to acquire and deploy ocelot collars	No Cost	200K
007	6/11/2015	Reallocation of funding from 200F to 200J -- \$36,808 Reallocation of funding from 200B to 200D -- \$15,000	No Cost	200F & 200J 200B & 200D

2.0 STATUS OF CONSERVATION ACTIONS

This section contains a short summary of what was accomplished to meet each of the conservation actions; additionally, each project lead and/or team wrote up their accomplishments over the past five years which are attached in the appendices. That information is not necessarily included in this section. Each conservation action contains a figure illustrating the project location on a map, the task(s) required under the IAA, a table of the funding breakdown, and a summary description of the work accomplished.

2.1 200A- Mitigation Coordinator:

Figure 2. Location Map on Conservation Action 200A



Task #1: Program Management

- 1a. Track and report project status (6-month, annual, and tri-annual reports)
- 1b. Contract management
- 1c. Coordinate and complete various procedural requirements, realty acquisition and contaminant reviews for T&E species and trust resources, as a result of CBP activities

Table 3. Funding Breakdown on Conservation Action 200A

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Salary & Benefits	\$500,000.00	\$521,980.96	\$0.00	\$521,980.96	\$0.00
Travel	\$50,000.00	\$22,343.88	\$0.00	\$22,343.88	\$0.00
Office Equipment	\$4,000.00	\$2,818.30	\$2,818.30	\$0.00	\$0.00
Cell Phone	\$1,500.00	\$779.38	\$779.38	\$0.00	\$0.00
Vehicle	(\$30,000.00) ¹	\$0.00	\$0.00	\$0.00	\$0.00
PCS	\$125,000.00	\$137,576.64	\$137,576.64	\$0.00	\$0.00
Totals	\$685,500.00	\$685,499.16	\$141,174.32	\$544,324.84	\$0.84

¹ Adding error so a vehicle was not leased or purchased. Mitigation Coordinator used commercial rental car as needed, and charged to Travel.

The roles and responsibilities of the mitigation coordinator were clearly defined in the project description worksheet for this conservation action, also in the statement of work for the IAA. The Border Mitigation Coordinator (BMC) worked closely with all project leads to develop and implement spend plans and to achieve the intended outcomes as described in each of the conservation actions and SOW.

Over the term of the IAA, CBP requested two briefings for updates to supplement the 6-month reports. For both briefings, the BMC worked closely with the CBP COR assigned to the IAA and the DOI Interagency Borderland Coordinator. The BMC drafted the format of the briefings and received approval from the DOI IBC and the CBP COR before initiating feedback from each of the conservation actions for their input into the briefing slides. The BMC coordinated the location and meeting support (IT and catering) for both meetings. The briefing slides and supporting information was provided to the DOI IBC, CBP COR and other CBP managers in attendance.

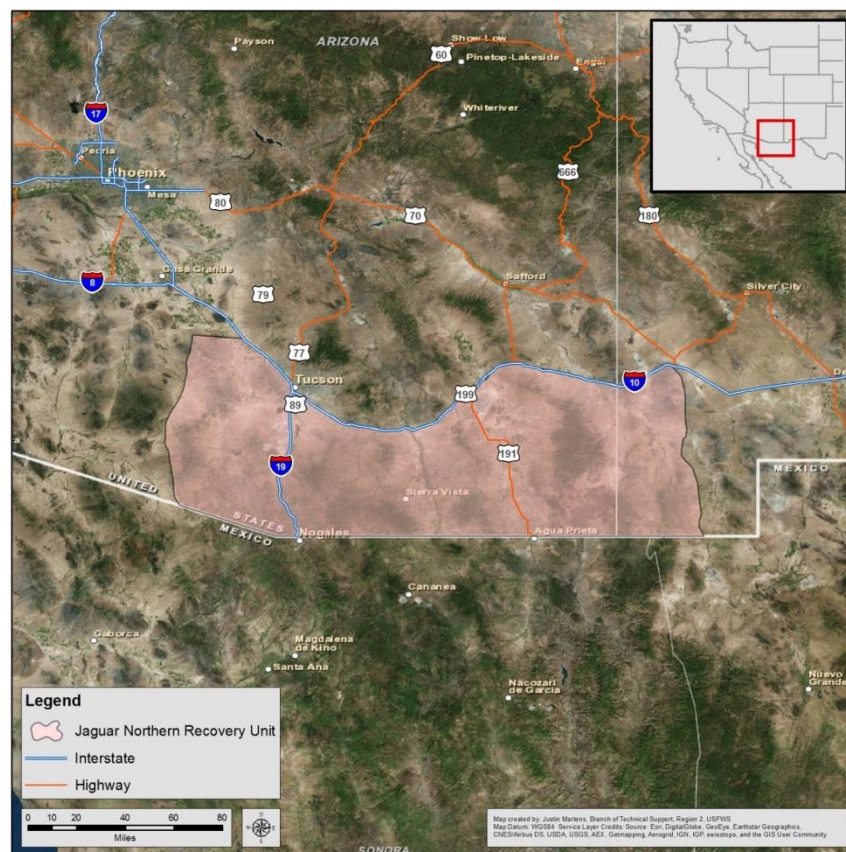
In addition to the bi-annual reports, the BMC also delivered a spend plan after CBP's concerns regarding the rate of obligations as presented in the 2012 Annual Report (dated October 2012). This FY13-FY15 Spend Plan report addressed those comments and concerns from CBP's review of the above referenced annual report. The BMC coordinated with each of the conservation action project leads and verified that they would meet the milestones as agreed to in the spend plan. As with every process, some of the conservation actions met the milestones and some did not. In the end, all but approximately \$7,788.35 was spent; when the FWS closes out the IAA, those funds will be deobligated and "returned" to CBP.

As part of the BMC duties, the BMC became a certified Contracting Officer Representative (COR) and acted in that role for all Region 2 contracts and supported Region 8, as needed. The BMC assisted Organ Pipe Cactus NM with the habitat restoration contract by taking on role of Technical Evaluation Team Chair and drafted the Contractor Award Justification for the NPS Contracting Officer to sign.

The BMC supported the DOI IBC in two major ways, the first by attending two of the Arizona Border Forums (January 2014, and March 2015) and secondly, by participating in the monthly DOI Border Call. The BMC attended the meeting, took notes, provided an AZ project status briefing, and provided a draft of the notes and action items to the DOI IBC afterwards. The BMC participated in over 90% of the monthly border calls initiated by the DOI IBC and provided a status on each of the conservation actions, budget analysis, and timelines of milestones, as needed.

2.2 200B- Sasabe Biological Opinion (BO) (jaguar, lesser long-nosed bat, erosion control):

Figure 3. Location Map on Conservation Action 200B



Task #1: Survey, monitor, conserve, and recover jaguars and their habitat

1a. Jaguar survey and monitoring for 4 years, at the U.S./Mexico border where jaguars are most likely to cross; along potential, historic, and known jaguar travel corridors within the northern jaguar range; and other areas, as appropriate.

1b. Jaguar conservation includes:

1b1 development and implementation of management plans for landowner stewardship,

1b2 outreach and education,
 1b3 landowner assistance and incentives, and
 1b4 conservation planning.

Task #2 Road repair – reference Modification #005.

Task #3 Agave planting – reference Modification #005.

Table 4. Funding Breakdown on Conservation Action 200B

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task 1.a: Jaguar Surveying and Monitoring	\$800,000	\$978,287.46	\$978,287.46	\$0.00	\$0.00
Task 1.b.1: Land Stewardship	\$500,000	\$70,067.88	\$70,067.88	\$0.00	\$0.00
Task 1.b.2: Outreach/education	\$200,000	\$292,882.13	\$292,882.13	\$0.00	\$0.00
Task 1.b.3: Landowner assistance and incentives	\$285,000	\$330,086.00	\$330,086.00	\$0.00	\$0.00
Task 1.b.4: Conservation Planning	\$250,000	\$276,394.03	\$197,108.15	\$79,285.20	\$0.68
Task 2: Lesser long- nosed bat foraging plant replacement	\$75,000	\$0.00	\$0.00	\$0.00	\$0.00
Task 3: Stabilization and Revegetation of Disturbed Soils	\$43,500	\$0.00	\$0.00	\$0.00	\$0.00
Reallocation (from Tasks 2 & 3) to 200I -- Interagency Agreement with Forest Service to install roost protections		\$84,000	\$84,000.00 (Table 11)	\$0.00	\$0.00
Reallocation (from Task 1.b.1) to 200D – labor to build gabions (Task#3)		\$15,000	\$15,000.00 (Table 6)	\$0.00	\$0.00
Realignment (from Task 1.b.1) to Buenos Aries NWR– labor for habitat enhancement		\$73,000	\$0.00	\$72,282.50	\$0.00
Totals	\$2,119,000.00	\$2,119,000.00	\$1,868,431.62	\$151,567.70	\$0.68

The tasks required under this conservation action are based on the Naco-Douglas-Sasabe Biological Opinion 22410-2007-F-04160 to meet CBP mitigation requirements. During the development of a spend plan for this work, it was decided that allocating the funds for tasks 2 and 3 would be better spent on 200I – Border-wide Bats. After receiving approval to do the reallocation under modification #005, a consultation letter from the Tucson ES FO was issued to support this decision. The remaining work, Task #1, focused on gathering and collating natural history on the jaguar within the Northern Recovery Unit as determined by the Jaguar Recovery Team. The information garnered from the contracts has assisted the biologists and the Jaguar Recovery Team in developing many tools for managing and protecting jaguars and their habitat. The draft of the jaguar recovery plan was also moved forward because of the time the field biologists were able to dedicate to its development. One key aspect of protecting jaguars is getting the correct information to the public.

After the first year, we had to make adjustments as to what we were going to do and how we were going to spend these funds. For example, after the submission of the first 6-month report, we were told by CBP that we couldn't use the funds for cooperative agreements or grants because the funding source agency could not. Under the Economy Act, one Federal agency cannot give funds to another Federal agency to spend those funds in a manner that the funding agency cannot. CBP cannot fund cooperative agreements or grants, and therefore, neither could the DOI agencies. Another change occurred during the CBP briefing in June 2012, CBP made it clear that we couldn't spend funds in Mexico or for Mexican nationals. These two restrictions caused the Tucson ES FO to reassess how they were going to obligate and spend the funds because they had originally planned on using cooperative agreements and grants to bring in local and Mexican experts to do work in Mexico and with Mexican landowners, especially tasks 1b1, 1b2, and 1b3, and for task 1a - jaguar surveying and monitoring throughout the entire Northern Recovery Unit and not just the area north of the border.

We were able to overcome these issues and focused our efforts on what could be done in the United States using American contractors and experts. A number of contracts were issued to small business contractors, universities, not-for-profit organizations, and the Tohono O'odham Nation. We also issued two intra-agency agreements with the BLM. While most of the work was accomplished under contracts, the field biologists did spend time writing the Jaguar Recovery Plan as in-house labor. Due to the contract with Tohono O'odham Nation completed with excess funds, we were able charge labor hours to the habitat restoration effort at Buenos Aires NWR.

There were a number of contract deliverables that will greatly benefit the jaguar and ocelots along the southern border. For example, a contractor studied a number of existing corridor enhancements for roadways and provided those examples along with potential sites along AZ

and NM to place them for jaguar and ocelot crossings. Because the crossing recommendations were adaptable, Texas Fish and Wildlife Service used them as mitigation options for ocelots in southern Texas. The information from the jaguar survey and monitoring projects provided scientifically sound data for the outreach/education contractor to use to build an education program and to develop the recovery plan. For the landowner assistance and incentives, instead of spending those funds on Mexican landowners for habitat enhancements in Mexico, we were able to gather important information about American landowner opinions and provide them with incentive programs here in the United States.

2.3 200C- Organ Pipe Cactus National Monument (ORPI) BO:

Figure 4. Location Map on Conservation Action 200C



Task #1: Restore 84 acres of damaged lands and invasive species management

Task #2: Sonoran pronghorn water

Table 5. Funding Breakdown on Conservation Action 200C

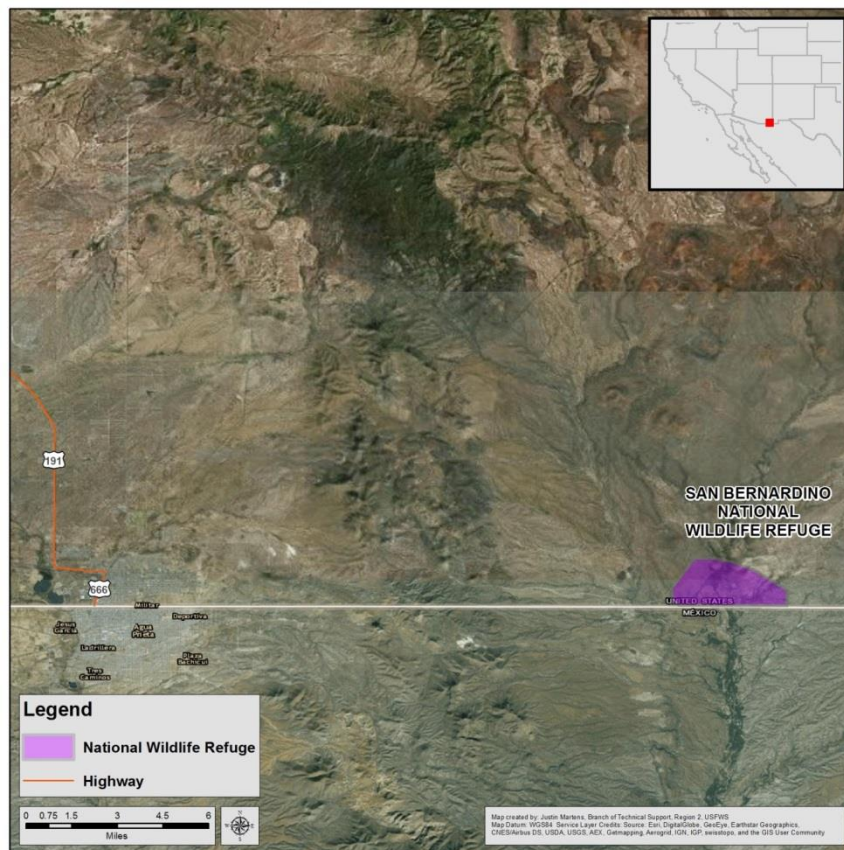
Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Habitat Restoration	\$955,000.00	\$980,000.00	\$537,302.56	\$439,739.39	\$2,958.05
Task #2: Sonoran pronghorn water	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$980,000.00	\$980,000.00	\$537,302.56	\$439,739.39	\$2,958.05

The tasks required under this conservation action are based on the Lukeville Biological Opinion 22410-2008-F-0011 to meet CBP mitigation requirements. Task #1 required the Park to restore 84 acres, approximately 55 miles, for the Sonoran pronghorn antelope and the lesser long-nosed bat, and Task #2 was to create and maintain three emergency water sources for the Sonoran pronghorn antelope. Due to the timing of the release of funding, the Park determined to use other funds to install the emergency water sources, those funds were used to support Task #1. The habitat restoration task took longer than expected due to a number of reasons; nevertheless, we were able to complete all the environmental reviews (issued an Environmental Assessment and signed a FONSI, and performed and completed Section 106 Archeological Surveys of the project area) to restore more than the designated 84 acres before the end of the expiration of the IAA. During the annual PMR between the park Botanist and Natural Resources Lead and the BMC, the work to be accomplished yearly and the budget needed for implementing that work was discussed and refined.

The funds were expended in a number of ways: a second nursery was built on-site to handle the number of potted native plants needed for the restoration section of this conservation action. A refrigerated cooler was needed for long-term storage of the native seeds collected by NPS field crews. These same NPS field crews also controlled invasive grasses along the major roadways and around the habitat restoration sites. A water tank on a trailer was needed for watering the newly planted seedlings in the restoration sites and can be used for filling water sources, as needed. Before the end of the agreement, the Park determined that a tractor would be best use of the \$28K balance from the habitat restoration contract to continue the habitat restoration on the Park.

2.4 200D- San Bernardino Valley Mitigation:

Figure 5. Location Map on Conservation Action 200D and 200E



Task #1: Restore/revegetate 49.7 acres of temporary impact areas

Task #2: Restore 1.08 acres of wetlands

Task #3: Construct rock/wire erosion control gabions

Task #4: Control erosion and sedimentation to improve and restore aquatic/riparian habitat

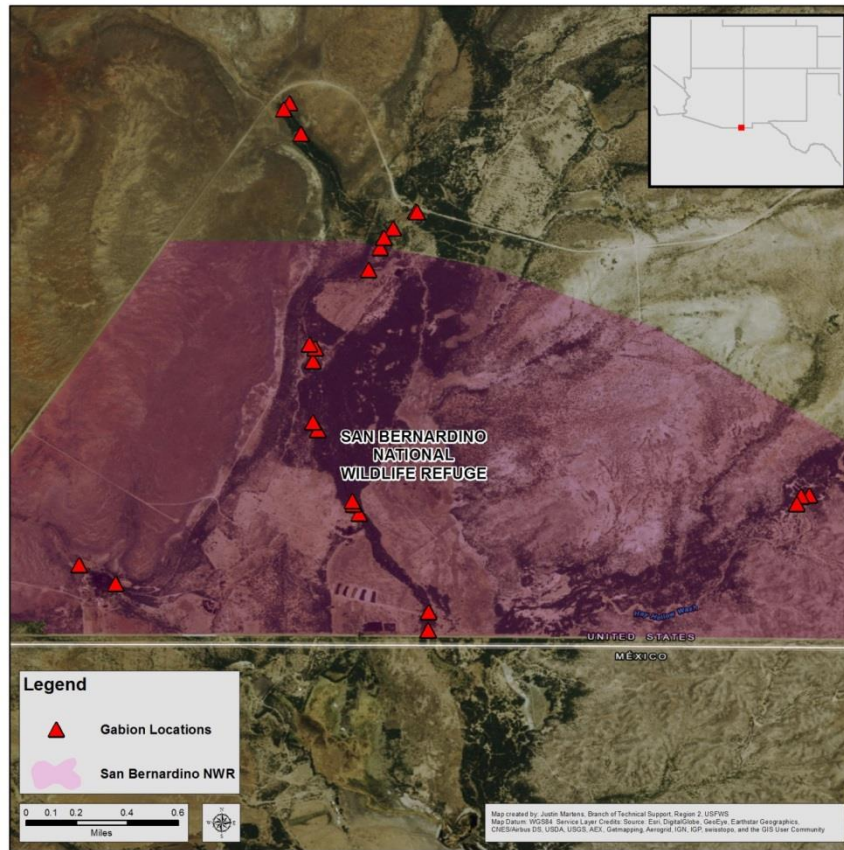
Table 6. Funding Breakdown on Conservation Action 200D

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: 49.7 acres temporary impact restoration	\$44,730.00	\$37,200.02	\$15,480.88	\$21,622.44	\$96.70
Task #2: San Bernardino Wetland restoration	\$54,000.00	\$44,493.85	\$18,390.30	\$26,103.55	\$0.00
Task #3: Multiple Hay Hollow Wash erosion control gabions, multiple Black Draw erosion control gabions	\$275,000.00	\$307,279.54	\$174,344.77	\$117,934.77	\$0.00
Task #4: Control erosion/improve fish habitat	\$283,750.00	\$283,506.58	\$283,506.58	\$0.00	\$0.00
Reallocation from 200B for contracting additional gabions (Task#3)		\$15,000.00	\$0.00	\$15,000.00	\$0.00
Totals	\$657,480.00	\$672,480.00	\$491,722.53	\$180,660.77	\$96.70

The habitat restoration portion (tasks #1 and #2) of this conservation action occurred on the Refuge itself. The nearly 50 acres of temporary impact acres were restored and continue to be monitored for invasive species and reseeded until the supply of native species seeds are depleted. Four interconnected ponds were constructed and filled with water from Black Draw; these ponds replaced the impacted wetlands and are functioning as intended, as habitat for endangered fish.

The erosion control gabions (Task #3) were placed throughout and adjacent to the Refuge to reduce the sediment from further impacting the watersheds on the Refuge. A map for the location of these gabions is below.

Figure 6. Gabion Locations on SBNWR



Task #4 was collaboration between the SBNWR and the BLM Safford Field Office with the BLM project lead to oversee the implementation of aquatic/riparian improvements on private property adjacent to the Refuge and/or within the watershed. Originally the BLM was to use BLM personnel and equipment to implement the habitat improvements on private land. Unfortunately, because the funds come from CBP under the Economy Act and not the Omnibus Consolidated Appropriations Act of 1997, Section 124 (Wyden Amendment), the DOI Solicitors opinion precluded the BLM could not go forward as planned. The BMC working closely with the Safford FO project lead was able to cancel the intra-agency agreement and issue two contracts to get the work accomplished. The BLM Project lead and the SBNWR Manager worked closely with both landowners to ensure they were accepting of the work proposed, the contractor selections, and the final work accomplished. Both land owners were pleased with the outcome.

Harris Environmental was the primary contractor for both projects and subcontracted the actual field work to two local small businesses.

Modification 007 allowed for the reallocation of \$15,000 from 200B to 200D to continue to install rock gabions on the Refuge.

2.5 200E- Rio Yaqui Fish Monitoring:

Task #1: Inventory and monitor Rio Yaqui fish and their habitats for impacts from sedimentation

Task #2: Drill two water wells and install solar-powered submersible pumps to ensure permanent water sources

Task #3: Install a fish barrier in Black Draw

Table 7. Funding Breakdown on Conservation Action 200E

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Inventory Rio Yaqui fish assemblage and impacts	\$86,250.00	\$86,250.00	\$86,250.00	\$0.00	\$0.00
Task #2: Drill wells and install solar pumps	\$105,000.00	\$150,210.20	\$150,210.20	\$0.00	\$0.00
Task #3: Install fish barrier	\$250,000.00	\$204,789.80	\$142,144.3	\$62,645.50	\$0.00
Totals	\$441,250.00	\$441,250.00	\$378,604.50	\$62,645.50	\$0.00

All the tasks under this conservation action occurred on the Refuge.

For Task #1, a contract issued to University of Arizona delivered a report on the effects of sedimentation on Rio Yaqui fish. The results from this study, "Effects of Suspended Sediment on Yaqui Chub (*Gila purpura*)," focused on three general areas: BP Operations and sediment load, effects of suspended sediment on life stages of chub, and macroinvertebrate abundance and diversity and relationship to suspended sediment. The biologist concluded that there was no discernible impact of current BP operations on sediment concentrations within Black Draw or Hay Hollow Wash. The Total Suspended Solids, during flood conditions, reached concentrations high enough to result in mortality of eggs and fry (young, immature fish) of Yaqui Chub. There was no correlation between Total Suspended Solids and macroinvertebrate community dynamics under base flow conditions. The erosion control practices in place on the Refuge may be the reason for the reduction of sediment in Black Draw and Hay Hollow Wash.

The Refuge had two wells drilled and installed solar powered submersible pumps for each to ensure a consistent water source for the Snail Spring wetland to benefit the San Bernardino Springsnail, as well as the Yaqui chub, Yaqui topminnow and Yaqui catfish.

The last task (#3) was to install a fish barrier in Black Draw to prevent exotic fish from downstream from entering Black Draw reach within the Refuge which is habitat for a number of Federally protected fish species. The original plan was to have a contractor design and build the fish barrier; unfortunately after a contractor provided the initial design/build, the cost far exceeded our budget. The adjustment was to use rock gabions as the main structure and add a concrete pad above and below the gabion barrier. This approach met the requirement and stayed within budget. Most of the gabion construction was done with Refuge force labor thus saving funds for the materials.

2.6 200F- Peninsular Bighorn Sheep Study:

Figure 7. Location Map on Conservation Action 200F



Task #1: Aerial survey and capture/collar as many adult Peninsular bighorn sheep (*Ovis canadensis nelsoni*) (PBS) as possible in three seasons (2012-2014) to monitor sheep movement patterns and demographics in the Jacumba Wilderness.

Table 8. Funding Breakdown on Conservation Action 200F

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Collars	\$130,950.00	\$70587.77	\$70587.77	\$0.00	\$0.00
Task #1: Aerial Survey/Monitoring	\$134,200.00	\$116,839.40	\$116,839.40	\$0.00	\$0.00
Task #1: Field Equipment	\$850.00	\$5,764.83	\$5,764.03	\$0.00	\$0.80
Realignment to 200J		\$36,808.00	\$36,808.00	\$0.00	\$0.00
Totals	\$230,000.00*	\$230,000.00	\$229,999.20	\$0.00	\$0.80

*Error from PDW of \$266,000.00 vice the amount provided in IAA. The aerial surveying and monitoring was more expensive than anticipated.

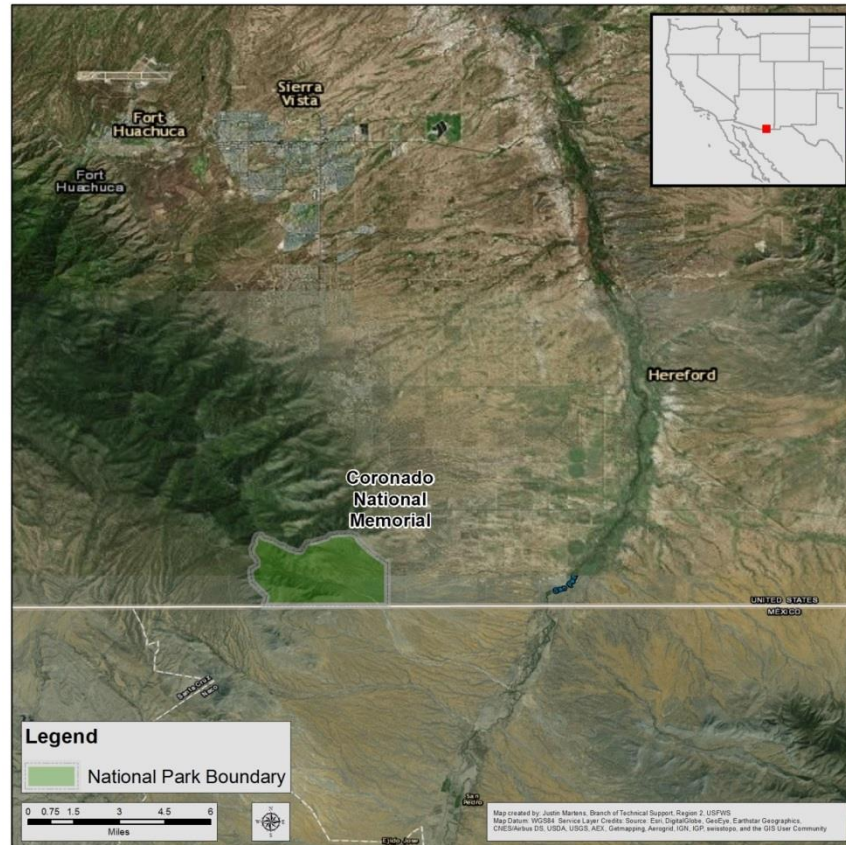
This was a collaborative effort between the Carlsbad Fish and Wildlife Office, California Department of Fish and Wildlife and the BLM El Centro Field Office.

The BLM El Centro Field Office worked to get the environmental compliance accomplished for the aerial survey and monitoring work to be done in the Jacumba Wilderness. The FWS contracted out the aerials survey work and purchased the radio collars and accessories that the CDFW used to track and monitor the collared PBS.

Due to the timing of the IAA expiring (September 2015) and the aerial survey work (typically end of October and early November 2015), there was not enough time to contract and complete a fourth aerial survey under this agreement. Therefore the balance of funds, \$36,808.00, was requested to be applied to the road enhancement on the Hidden Valley tract at the SDNWF Complex to support endangered species management. Modification #007 was approved and the Refuge was able to get those funds spent prior to the end of the IAA.

2.7 200G- Coronado National Memorial (CORO) Agave Restoration:

Figure 8. Location Map on Conservation Action 200G



Task #1: Complete agave restoration on 10-acre staging area

Task #2: Maintain restoration in 10-acre staging area to protect young agaves from competition

Table 9. Funding Breakdown on Conservation Action 200G

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Complete agave restoration on 10 acres staging area	\$224,873.00	\$215,478.08	\$95,789.96	\$177,895.63	\$1,187.41
Task #2: 3-5 yrs post-planting monitoring	\$50,000.00	\$59,394.92	\$0.00	\$59,394.92	\$0.00
Totals	\$274,873.00	\$274,873.00	\$95,789.96	\$177,895.63	\$1,187.41

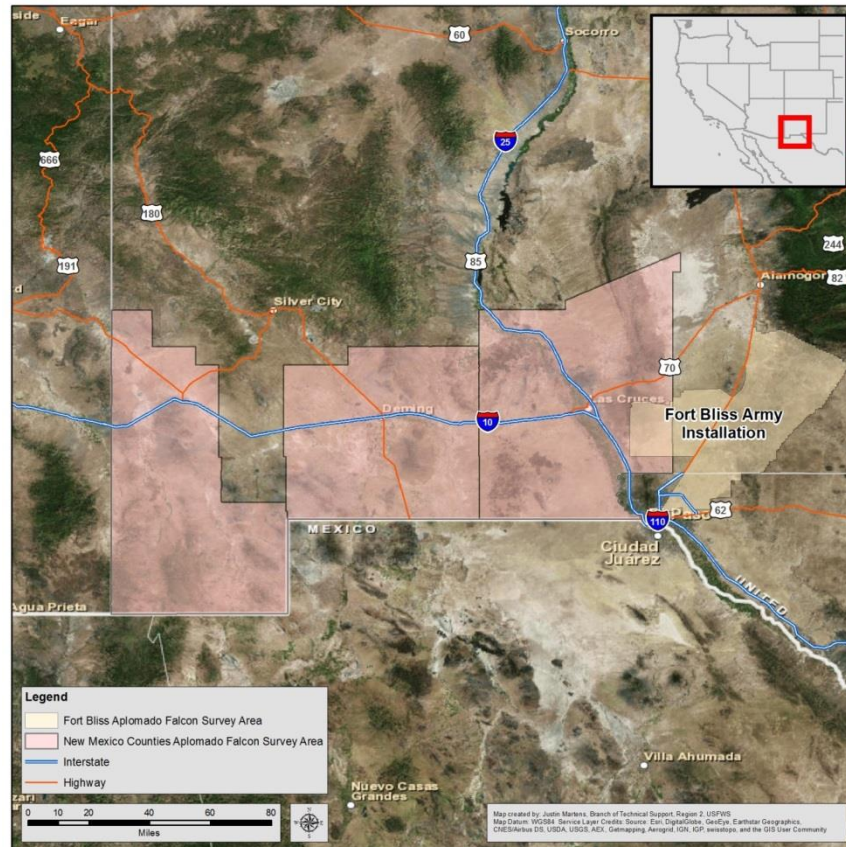
Over the past five years, the 10 acre construction staging area has seen major habitat restoration activity. Firstly, the Park staff have spent innumerable hours staging and planting agave seedlings with both in-house labor and with volunteers, and have hosted a number of planting events. They also transplanted 528 larger agave from the construction zone. Twelve percent of agave seedling transplants have survived since the initial planting in July 2011. The park has performed annual census data collecting to track the survival success and growth of each planting cohort since the initial July 2011 planting.

To ensure successful habitat restoration of this acrea, the park has been aggressively controlling invasive plants, i.e. Lehmann lovegrass (*Eragrostis lehmanniana*), and Bermuda grass (*Cynodon dactylon*), using both in-house staff and volunteer groups. Herbivory by deer, rodents, and javelinas have been an on-going problem utilizing staff time to implement protection measures, i.e. installing cages around the agave seedlings, and spraying the seedlings with animal deterrent chemicals.

Erosion control on adjacent dirt tracks and within the construction staging area has been another issue the park staff had to address. They graded the adjacent road to direct sheet flow runoff around the restoration site and the dirt track through the staging area was blocked off and erosion control measures installed. The area was seeded with native species; erosion control wattles and rock dams were placed along the dirt track to slow down the runoff and create fill areas. These practices were very effective.

2.8 200H- Northern Aplomado Falcon Reintroduction and Habitat Restoration:

Figure 9. Location Map on Conservation Action 200H



Task #1: Restoration of native grassland habitat suitable to provide breeding, feeding, and sheltering habitat requirements for northern aplomado falcons

Task #2: Monitoring and telemetry of reintroduced aplomado falcons, their habitat use, movement patterns, and survival

Task #3: Reintroduction of northern aplomado falcons

Table 10. Funding Breakdown on Conservation Action 200H

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Grassland Habitat Restoration	\$202,266.00	\$187,454.13	\$187,454.13	\$0.00	\$0.00
Task #2: Survey and Monitoring	\$187,500.00	\$298,431.93	\$298,431.93	\$0.00	\$0.00
Project Management	\$109,934.00	\$13,801.08	\$0.00	\$13,801.08	\$0.00
Totals	\$499,700.00	\$499,687.14	\$485,886.06	\$13,801.08	\$12.86

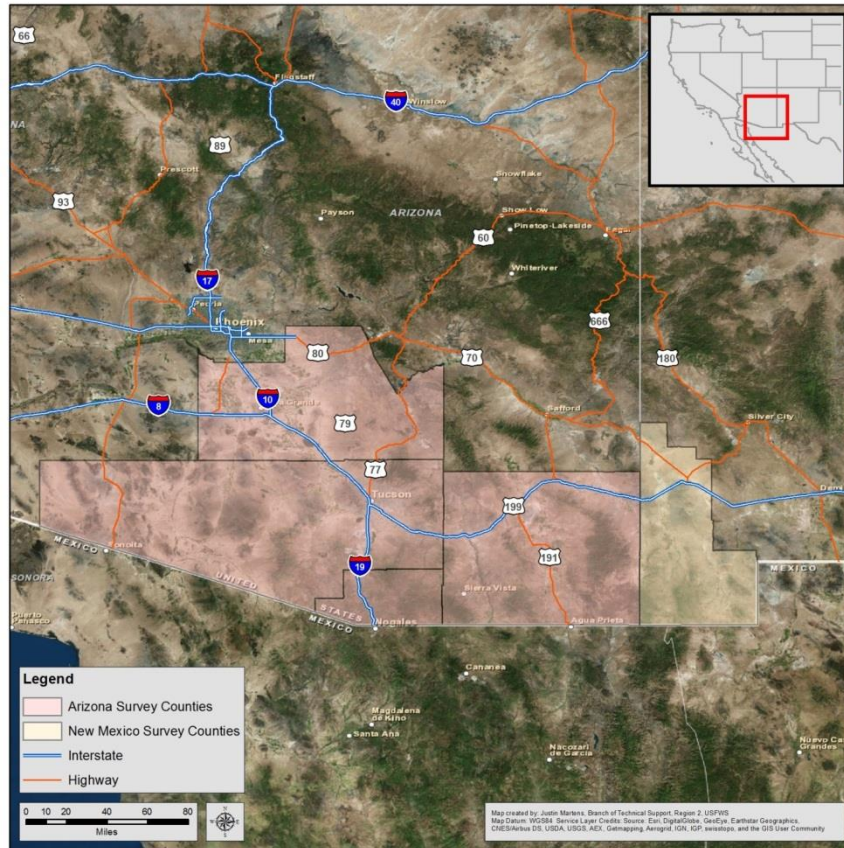
It was discussed with CBP and decided early on that the \$37,500 funds for task #3 the reintroduction of northern aplomado falcon would be better spent on surveying and monitoring the reintroduced birds, because this task was funded from other sources.

Two intra-agency agreements with the BLM Las Cruces District Office were issued. These two agreements implemented task #1 by implementing grassland habitat restoration to over 2,805 acres of shrubland. Additionally, a rigorous habitat restoration monitoring program was implemented and groundwork set-up for long-term future monitoring efforts.

The surveying and monitoring of northern aplomado falcons was covered under three options: the intra-agency agreements with BLM to implement the habitat restoration also included a surveying and monitoring component; a contract with Ecosystem Management, Inc and an interagency agreement with the Army Corps of Engineers, who subcontracted to another small environmental company. Each of these groups focused on applying the same surveying and monitoring protocol to different areas in southern New Mexico. Reference the conservation action summary (Appendix 4.8) for survey results.

2.9 200I- Border-Wide Bat Conservation:

Figure 10. Location Map on Conservation Action 200I



Task #1: Find occupied endangered Mexican long-nosed and lesser long-nosed bat (*Leptonycteris spp.*) roosts and monitor

Task #2: Monitor movement patterns of *Leptonycteris* bats in the Patagonia, Perilla, Animas, and Peloncillo Mountains of Arizona and New Mexico

Table 11. Funding Breakdown on Conservation Action 200I

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	In-house	Remaining Amount
Task #1: Find, protect, and monitor occupied roosts	\$425,000.00	\$804,973.29	\$799,714.84	\$1,709.48	\$3,548.97
Task #2: Monitor movement patterns	\$500,000.00	\$120,026.71	\$120,026.71	\$0.00	\$0.00
Reallocation from 200B		\$84,000.00	\$84,000.00	\$0.00	\$0.00
Totals	\$925,000.00	\$1,009,000.00	\$1,003,759.51	\$1,709.48	\$3,531.01

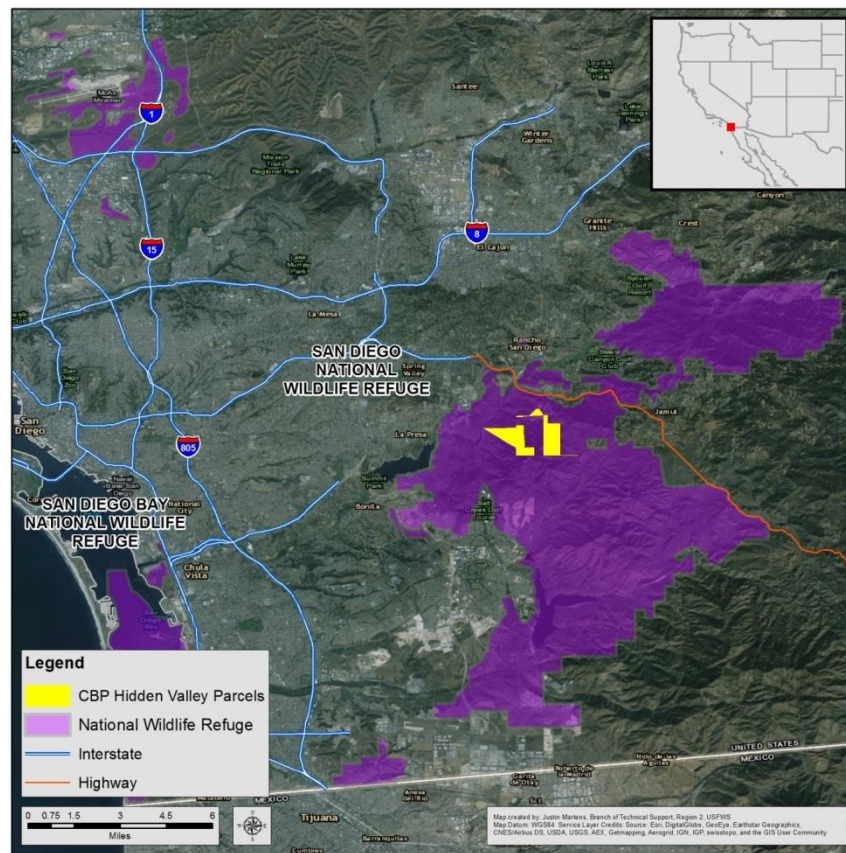
These two tasks were split between three contracts and an interagency agreement with the Forest Service (USDA). The field office also spent time at a couple of the roosts to do roost enhancements. The findings from the four years of bat roost locating and monitoring has lead the FWS to consider down listing the lesser long-nosed bat, since there are more active, occupied bat roosts within a larger range than previously known.

One of the three contracts monitored the movement patterns (Task #2) at 19 roosts in Arizona. The information gleaned from this monitoring effort and the video recordings of the behaviors provided the biologists with information as to what the best or functional roost protections (i.e. gates) would be ideal to install. The interagency agreement with the Forest Service provided funding to close or gate roads leading to roosts at risk and to purchase the materials for installation of roost gates on Forest Service lands.

The other two contracts focused on locating new occupied roosts in NM and AZ, resulting in 30 new roosts located and 5 historically know roosts verified as occupied.

2.10 200J – California Land Acquisition:

Figure 11. Location Map on Conservation Action 200J



Task #1: Purchase occupied or suitable habitat for Arroyo Toad, Quino Checkerspot Butterfly and Coastal California Gnatcatcher.

Table 12. Funding Breakdown on Conservation Action 200J

Budgeted Tasks	Original Budgeted Amount	Actual Budgeted Amount	Contract	Remaining Amount
Land Acquisition	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	\$0.00
Totals	\$8,000,000.00	\$8,000,000.00	\$8,000,000.00	\$0.00

The San Diego National Wildlife Refuge working closely with SADAG and other non-government organizations purchased collectively over 1,000 acres in Hidden Valley within the SDNWR Approved Acquisition Boundary. The funds provided by CBP purchased 762.44 of those acres (see Figure 12).