NVE Harbor Water Quality Improvement Program

Funding Opportunity Number: NOAA-NMFS-HCPO-2013-2003491

PROJECT SUMMARY

Proposer: Native Village of Eyak

Title: NVE Harbor Water Quality Improvement Program

Site: Cordova, Alaska

Land Owner: City of Cordova Start Date: March 1, 2014

Habitat/Species benefiting: Human Services, including Commercial Fishing, Passive Use, Recreation and

Tourism, and Subsistence.

DETAILED, NARRATIVE BUDGET JUSTIFICATION FOR FY2014 Budget Narrative

NVE has well-established administrative capacity, including procedures for accounting, auditing, evaluating, reviewing, and reporting, NVE has a mature financial management system and qualified staff necessary to properly administer the requested funding for the project. NVE has well maintained computer systems and broadband Internet service for easy grant management. The program has expanded to include emergency response oversight, assessment and monitoring, and natural resource an environmental planning. NVE is requesting \$194,266.90 for this project in 2014. The overall budget for the 2014 Harbor Water Quality Improvement Program includes \$38,295.60 for personnel, \$92,400.00 for Contractual, \$6,375.00 for Commodities, \$300 for equipment, and \$40,855.90 for indirect rates.

Salaries and wages include a NVE Clean Harbor Coordinator at .25FTE, a NVE DENR Department Head at .10FTE and a seasonal part-time Clean Harbor Support Staff at .25FTE totaling \$38,295.60.

Contractual costs include design and production of the Harbor Signage Plan, Battery Shed Plan, Antifreeze Disposal Shed and Backhaul/Recycle, Garbage Bin Management Plan. These contracts will be put out to bid, and winning contractors shall work closely with the City of Cordova and NVE for completion within cost.

Harbor signage costs include \$10,000 for the design, production, and installation of directional signage to be placed within and around the harbor. Signs will highlight user services, locations, maps and contact information. In addition, two permanent sign boxes will be installed to allow for rotation of posters, photos, and information.

Battery shed design and construction requests \$30,000 to research, design, construct and install a shed that serves as a battery collection location.

Antifreeze waste receptacle shed design and construction requests \$15,000 to research, design, construct and install a shed that serves as a hazardous waste receptacle shed that houses the new antifreeze recycling unit.

Garbage Bin Management Plan and Improvements requests a total of \$35,000. This amount includes the purchase, freight, and installation costs of bins, and costs for printing and supplies.

Other contracting costs include collection, shipping and analysis for the Mussel Biomonitoring plan, which totals \$2,400. This accounts for two sampling events (summer and winter) in 2014. Each sampling event includes cost of lab analysis, supplies (coolers and ice), shipping. Sampling will be a partnership between PWSRCAC and NVE.

NVE Harbor Water Quality Improvement Program Funding Opportunity Number: NOAA-NMFS-HCPO-2013-2003491

Equipment costs include \$300 for drums and filters for annual maintenance of the antifreeze-recycling unit.

Commodities include all costs for Education and Outreach which total \$4,500. NVE will produce deliverables that include annual mailings, rack cards, posters, banners, and advertisements. Purchases will include raingear, gloves, trash bags, bilge socks, sausage boom, and harbor carts. The outreach team will consist of Clean Harbor Coordinator and Support Staff and volunteers who will engage harbor users on CCH efforts, improvements, proper disposal methods, and will seek feedback and information through surveys. The education and outreach team will annually evaluate project effectiveness.

Commodities also include the cost of operating the antifreeze-recycling unit. Costs for operating the unit are estimated at \$3.75/gallon. It is estimated a community the size of Cordova will go through 500 gallons annually, totaling \$1,875.00. Costs and estimates are taken from Zender Environmental.

NVE's indirect rate is 29.85%. Indirect costs total \$40,855.90

Budget Category:	Proposed	Proposed	Proposed	Proposed	Proposed	TOTAL	
	FY 14	FY 15	FY 16	FY 17	FY 18	PROPOSED	
_							
Personnel	\$38,295.6	\$42,499.2	\$45,079.2	\$0.0	\$0.0	\$125,874.0	
Travel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Contractual	\$91,900.0	\$2,400.0	\$4,775.0	\$0.0	\$0.0	\$99,075.0	
Commodities	\$6,375.0	\$6,375.0	\$4,500.0	\$0.0	\$0.0	\$17,250.0	
Equipment	\$300.0	\$300.0	\$300.0	\$0.0	\$0.0	\$900.0	
Indirect Costs (will vary by proposer)	\$40,855.9	\$15,394.9	\$16,314.0	\$0.0	\$0.0	\$72,564.8	
SUBTOTAL	\$177,726.5	\$66,969.1	\$70,968.2	\$0.0	\$0.0	\$315,663.8	
General Administration (9% of subtotal)	\$15,995.4	\$6,027.2	\$6,387.1	\$0.0	\$0.0	\$28,409.7	
_							
PROJECT TOTAL	\$193,721.9	\$72,996.3	\$77,355.3	\$0.0	\$0.0	\$344,073.5	
Other Resources (Cost Share Funds)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	

COMMENTS:

This page provides an five-year overview of proposed funding. For years where funding is not requested, please leave zeroes. The EVOSTC fiscal year is February 1 - January 31.

In this box, identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

FY14-FY18

Proposal Title: Harbor Quality Improvement Program Lead PI: Ivy Patton

FIVE-YEAR OVERVIEW

Budget Category:	Requested	Actual	TOTAL	
	FY 14	FY 14	Difference	
_				
Personnel	\$38,295.6	\$0.0	(\$38,295.6)	
Travel	\$0.0	\$0.0	\$0.0	
Contractual	\$91,900.0	\$0.0	(\$91,900.0)	
Commodities	\$6,375.0	\$0.0	(\$6,375.0)	
Equipment	\$300.0	\$0.0	(\$300.0)	
Indirect Costs (will vary by proposer)	\$40,855.9	\$0.0	(\$40,855.9)	
SUBTOTAL	\$177,726.5	\$0.0	(\$177,726.5)	
•				
*General Administration (9% of subtotal)	\$15,995.4	\$0.0	(\$15,995.4)	
PROJECT TOTAL	\$193,721.9	\$0.0	(\$193,721.9)	
	<u> </u>		, , ,	
Other Resources (Cost Share Funds)	\$0.0	\$0.0	\$0.0	

COMMENTS:

This page of the budget form is for FY14 reporting only. For a proposal, leave zeroes in the Actual column as placeholders. For annual reporting, please add actual numbers.

In this box, identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

*The General Administration line item is distributed to the management agency and is not part of the project's annual fiscal reporting requirement.

FY14

Proposal Title: Harbor Quality Improvement Program

Lead PI: Ivy Patton

REPORTING SUMMARY

Budget Category:	Proposed	Proposed	Proposed	Proposed	Proposed	TOTAL
	FY 14	FY 15	FY 16	FY 17	FY 18	PROPOSED
Personnel	\$38,295.6	\$42,499.2	\$45,079.2	\$0.0	\$0.0	\$125,874.0
Travel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Contractual	\$91,900.0	\$2,400.0	\$4,775.0	\$0.0	\$0.0	\$99,075.0
Commodities	\$6,375.0	\$6,375.0	\$4,500.0	\$0.0	\$0.0	\$17,250.0
Equipment	\$300.0	\$300.0	\$300.0	\$0.0	\$0.0	\$900.0
Indirect Costs (will vary by proposer)	\$40,855.9	\$15,394.9	\$16,314.0	\$0.0	\$0.0	\$72,564.8
SUBTOTAL	\$177,726.5	\$66,969.1	\$70,968.2	\$0.0	\$0.0	\$315,663.8
General Administration (9% of subtotal)	\$15,995.4	\$6,027.2	\$6,387.1	\$0.0	\$0.0	\$28,409.7
_				·	_	
PROJECT TOTAL	\$193,721.9	\$72,996.3	\$77,355.3	\$0.0	\$0.0	\$344,073.5
Other Resources (Cost Share	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

COMMENTS: In this box, identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

FY14-18

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3A NON-TRUSTEE AGENCY SUMMARY

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
Ivy Patton	Environmental / Clean Harbor Coordinator	3.6	6549.0		23,576.4
John Whissel	DENR Department Head	1.2	8033.0		9,639.6
Support Staff	Support Staff	3.6	1411.0		5,079.6
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	15993.0	0.0	
			Pe	ersonnel Total	\$38,295.6

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
	_			Travel Total	\$0.0

FY14

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs:	Contract
Description	Sum
Harbor Signage Design and Production	10,000.0
Battery Shed Design and Production	30,000.0
Antifreeze Disposal Shed Design and Construction	10,000.0
Mussel Biomonitoring (sample collection, shipping, and analysis)	1,900.0
Garbage Bin Management Plan, bin purchase, and implementation	35,000.0
Antifreeze backhaul and recycle	5,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	\$91,900.0

Commodities Costs:		Commodities
Description		Sum
Mailings		500.0
Rack Cards, Posters, Banners		2,500.0
Advertising		1,500.0
Antifreeze Recycling (average \$3.75/gallon for 500 gallons annually)		1,875.0
	Commodities Total	\$6,375.0

FY14

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases:	Number	Unit	Equipment
Description	of Units	Price	Sum
Antifreeze Filters and Drums	1.0	300.0	300.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
	•		0.0
	New Eq	uipment Total	\$300.0

Existing Equipment Usage:	Number	Inventory
Descriptior	of Units	Agency

FY14

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B EQUIPMENT DETAIL

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
Ivy Patton	Environmental/Clean Harbor Coordinator	3.6	7050.0		25,380.0
John Whissel	DENR Department Head	1.2	8533.0		10,239.6
Support Staff	Volunteer Coordinator/Support Staff	3.6	1911.0		6,879.6
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	17494.0	0.0	
			Pe	ersonnel Total	\$42,499.2

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	\$0.0

FY15

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs:	Contract
Description	Sum
Mussel Biomonitoring (sample collection, shipping, and analysis)	2,400.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	\$2,400.0
Commodities Costs:	Commodities
Description Description	Sum
Mailings	500.0
Rack Cards, Posters, Banners	2,500.0
Advertising	1,500.0
Antifreeze Recycling (average \$3.75/gallon for 500 gallons annually)	1,875.0

FY15

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
CONTRACTUAL &
COMMODITIES DETAIL

\$6,375.0

Commodities Total

New Equipment Purchase	es: Number Unit	Equipment
Description	of Units Price	Sum
Antifreeze Filters and Drum	ns 1.0 300.0	300.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
	New Equipment Total	\$300.0
Existing Equipment Usag	ge: Number	Inventor
Descriptior	of Units	Agenc
	Proposal Title: Harbor Quality Improvement	
EV15	Proposal Title: Harbor Quality Improvement Program FORI	W 3B
FY15	Proposal Title: Harbor Quality Improvement Program Lead PI: Ivy Patton FORI	

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
Ivy Patton	Environmental/Clean Harbor Coordinator	3.6	7100.0		25,560.0
John Whissel	DENR Department Head	1.2	9033.0		10,839.6
Support Staff	Volunteer Coordinator/Support Staff	3.6	2411.0		8,679.6
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
_		Subtotal	18544.0	0.0	
		_	Pe	ersonnel Total	\$45,079.2

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
	_			Travel Total	\$0.0

FY16

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs:	Contract
Description	Sum
Mussel Biomonitoring (sample collection, shipping, and analysis)	2,900.0
Antifreeze Recycling (average \$3.75/gallon for 500 gallons annually)	1,875.0
	·
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	\$4,775.0
Commodities Costs:	Commodities
Commodities Costs: Description	Commodities Sum
Commodities Costs: Description Mailings	Commodities Sum 500.0
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities Sum 500.0 2,500.0
Commodities Costs: Description Mailings	Commodities Sum 500.0
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities Sum 500.0 2,500.0
Commodities Costs: Description Mailings Rack Cards, Posters, Banners	Commodities Sum 500.0 2,500.0

FY16

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
CONTRACTUAL &
COMMODITIES DETAIL

\$4,500.0

Commodities Total

New Equipment Purchases:	Number	Unit	Equipment
Description	of Units	Price	Sum
Antifreeze Filters and Drums	1.0	300.0	300.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
	•		0.0
	New Eq	uipment Total	\$300.0

Existing Equipment Usage:	Number	Inventory
Descriptior	of Units	Agency

FY16

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B EQUIPMENT DETAIL

Personnel Costs:			Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
			P	ersonnel Total	\$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	\$0.0

FY17

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs:	Contract
Description	Sum
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	\$0.0
Commodities Costs:	Commodities
Description	Sum
Commodities Total	\$0.0

FY17

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
CONTRACTUAL &
COMMODITIES DETAIL

New Equipment Purchases:	Number	Unit	Equipment
Description	of Units	Price	Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
	New Eq	uipment Total	\$0.0
		N	

Existing Equipment Usage:	Number	Inventory
Descriptior	of Units	

FY17

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B EQUIPMENT DETAIL

Personnel Costs:			Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
			P	ersonnel Total	\$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	\$0.0

FY18

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs:	Contract
Description	Sum
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	\$0.0
Commodities Costs:	Commodities
Description	Sum
Commodities Total	\$0.0

FY18

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B
CONTRACTUAL &
COMMODITIES DETAIL

New Equipment Purchases:	Number Unit	Equipment
Description	of Units Price	Sum
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
		0.0
	New Equipment Total	\$0.0
Existing Equipment Usage:	Number	Inventory
Descriptior	of Units	Agenc

Existing Equipment Usage:	Number	Inventory
Descriptior	of Units	Agency

FY18

Proposal Title: Harbor Quality Improvement

Program

Lead PI: Ivy Patton

FORM 3B EQUIPMENT DETAIL

Budget Category:	Proposed FY 14	Proposed FY 15	Proposed FY 16	Proposed FY 17	Proposed FY 18	TOTAL PROPOSED
Personnel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Travel	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Contractual	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Commodities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Equipment	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
SUBTOTAL	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
General Administration (9% of subtotal)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
	·		· · · · · · · · · · · · · · · · · · ·		·	
PROJECT TOTAL	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Other Resources (Cost Share Funds)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0

COMMENTS: In this box, identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal.

FY14-18

Proposal Title: Lead PI:

FORM 4A TRUSTEE AGENCY SUMMARY

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
Personnel Total					\$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
	0.0	0	0	0.0	0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		_	_	Travel Total	\$0.0

Proposal Title:		
Lead PI:		
Agency:		

FORM 4B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs: Description				Contract Sum
If a component of the	project will be performed under contract, the 4A and 4B forms are required.	Conti	ractual Total	\$0.0
				¥ 3 1 3
Commodities Costs				Commodities
Description				Sum
'				
		Commo	dities Total	\$0.0
		Commi	ranties Total	φυ.υ
	Proposal Title:	7		
	Lead PI:		FOF	RM 4B
FY14				ACTUAL &
	Agency:			TIES DETAIL

lew Equipment Purchase	es:	Number	Unit	Equipment
Description		of Units	Price	Sum
•				0.
				0.0
				0.0
				0.0
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
		New Equ	ipment Total	\$0.
xisting Equipment Usag	ge:		Number	Invento
Existing Equipment Usag Description	ge:		Number of Units	Invento Agen
Existing Equipment Usag Description	ge:			Invento Agen
Existing Equipment Usag Description	ge:			Invento Agen
xisting Equipment Usag escriptior	ge:			Invento Agen
xisting Equipment Usag	ge:			Invento Agen
xisting Equipment Usag	ge:			Invento Agen
xisting Equipment Usag	ge:			Invento Agen
xisting Equipment Usag escription	ge:			Invento Agen
xisting Equipment Usag escription	ge:			Invento Agen
Existing Equipment Usag Description	ge:			Invento Agen
Existing Equipment Usag	ge:			Invento Agen
Existing Equipment Usag	ge:			Invento Agen
Existing Equipment Usag	ge:			Invento Agen
Existing Equipment Usag				Invento Agen
Description	Proposal Title:		of Units	Agen
Existing Equipment Usag			of Units	Invento Agen

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0		
Personnel Total					\$0.0

Travel Costs:		Ticket	Round	Total	Daily	Travel
Description		Price	Trips	Days	Per Diem	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	·	·	·	·	Travel Total	\$0.0

FY15

Proposal Title:		
Lead PI:		
Agency:		

FORM 4B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs: Description				Contract Sum
Description				Suili
If a component of the	project will be performed under contract, the 4A and 4B forms are required.	Contr	actual Total	\$0.0
Commodities Costs Description				Commodities Sum
Becomption				Gain
		Commo	dities Total	\$0.0
		Commo	ruilles I Uldi	φυ.υ
	Proposal Title:] Γ	F0-	NA 4D
FY15	Lead PI:			RM 4B ACTUAL &
1113	Agency:			TIES DETAIL

New Equipment Purc	hases:	Number	Unit	Equipment
Description	muses.	of Units	Price	Sum
2 cccription		or ormo	1 1100	0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
				0.0
		N F	: T. (= 1	0.0
		New Equ	ipment Total	\$0.0
<u> </u>				
Existing Equipment	Usage:		Number	Inventory
Descriptior			of Units	Agency
			•	
	Proposal Title:			
	Lead PI:		FOR	M 4B
FY15	Agency:			NT DETAIL
	Agency.		EQUI ME	ITI DEIAIL

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0		
			Per	sonnel Total	\$0.0

Travel Costs:		Ticket	Round	Total	Daily	Travel
Description		Price	Trips	Days	Per Diem	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	·	·	·	·	Travel Total	\$0.0

FY16

Proposal Title:		
Lead PI:		
Agency:		

FORM 4B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs: Description			Contract Sum
Восоприон			Gain
If a component of the	project will be performed under contract, the 4A and 4B forms are required.	Contractual Tota	1 \$0.0
in a component of the	project will be performed under contract, the 4A and 4B forms are required.	Contractual Tota	ιι <u>η</u> ψυ.υ
Commodities Costs Description			Commodities Sum
1			
		Commodities Tota	\$0.0
	Proposal Title:] [
EV4.0	Lead PI:		ORM 4B
FY16	Agency:		RACTUAL & DITIES DETAIL

lew Equipment Purchase	es:	Number	Unit	Equipment
escription		of Units	Price	Sum
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
		New Equ	ipment Total	\$0.
visting Equipment Usag	0'		Number	Invento
ixisting Equipment Usag	e:		Number of Units	Invento
xisting Equipment Usag escriptior	e:		Number of Units	Invento Agen
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag rescription	e:			
xisting Equipment Usag lescriptior	e:			
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag escriptior	e:			
xisting Equipment Usag	e:			
existing Equipment Usag	e:			
existing Equipment Usag	e:			
existing Equipment Usag	e:			
existing Equipment Usag				
Description	Proposal Title:		of Units	Agen
Existing Equipment Usag			of Units	

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
Subtotal 0.0 0.0					
			Per	sonnel Total	\$0.0

Travel Costs:		Ticket	Round	Total	Daily	Travel
Description		Price	Trips	Days	Per Diem	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	·	·	·	·	Travel Total	\$0.0

Proposal Title:		,
Lead PI:		
Agency:		

FORM 4B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs: Description			Contract Sum
Description			Sum
If a component of the	project will be performed under contract, the 4A and 4B forms are required.	Contractual Total	\$0.0
ii a component or the	project will be performed under contract, the 4A and 4B forms are required.	Contractual Tota	φυ.υ
Commodities Costs			Commodities
Description			Sum
		Commodities Total	\$0.0
	Proposal Title: Lead PI:	FO	RM 4B
FY17	Agency:	CONTR	ACTUAL &
		COMMOD	ITIES DETAIL

	es: Number Unit	Equipment
New Equipment Purchase Description	of Units Price	Sum
-		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
		0.
	New Equipment To	otal \$0.
xisting Equipment Usag	ge: Num	nber Invento
xisting Equipment Usag	ne:	nber Invento
Description	of U	nits Agen
		Ŭ
	Proposal Title:	
	Proposal Title:	
FY17	Lead PI:	FORM 4B PMENT DETAIL

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal			
			Per	sonnel Total	\$0.0

Travel Costs:		Ticket	Round	Total	Daily	Travel
Description		Price	Trips	Days	Per Diem	Sum
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
						0.0
	·	·	·	·	Travel Total	\$0.0

FY18

Proposal Title:		
Lead PI:		
Agency:		

FORM 4B
PERSONNEL & TRAVEL
DETAIL

Contractual Costs: Description				Contract Sum
If a component of the	project will be performed under contract, the 4A and 4B forms are required.	Cont	ractual Total	\$0.0
Commodities Costs Description				Commodities Sum
Description				Sum
		Commo	odities Total	\$0.0
	Proposal Title:	<u> </u>		
EV40	Lead PI:			RM 4B
FY18	Agency:			ACTUAL & TIES DETAIL

New Equipment Purchase	es:	Number	Unit	Equipment
Description		of Units	Price	Sum
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
				0.
		New Equ	pment Total	\$0.
vieting Faurinment Heer			Nivendanu	laviante
Existing Equipment Usag	e:		Number	Invento
Description			of Units	Agend
	Proposal Title:		<u> </u>	
EV10	Proposal Title: Lead PI:			M 4B
FY18				M 4B NT DETAIL