



Speaker Won Pat <speaker@judiwonpat.com>

Messages and Communications: REVISED- NOTICE OF FEDERAL GRANT APPLICATION FOR DOAg (153Y)

Speaker Won Pat <speaker@judiwonpat.com> Tue, Jul 29, 2014 at 9:12 AM
To: Guam Legislature Clerks Office <clerks@guamlegislature.org>

7/29/20147/25/2014 Guam State Clearinghouse Federal Grant Application from (DOAg-SFI) 32-14-1876
16007141153Y *emailed

----- Forwarded message -----
From: Trinajae Apatang <trinajae.apatang@gmail.com>
Date: Mon, Jul 28, 2014 at 12:47 PM
Subject: REVISED- NOTICE OF FEDERAL GRANT APPLICATION FOR DOAg (153Y)
To: Speaker Judi Won Pat <speaker@judiwonpat.com>

Hafa Adail I apologize for the insufficient email. Please see attached grant application submitted from the Department of Agriculture.

Thank you for your understanding,
-Trinajae M. Apatang

Ufisinan I Etmàs Ge'helo'Gi Liheslaturan Guåhan
Office of Speaker Judith T. Won Pat Ed.D.
Kumiten Idukasion yan Laibirihan Publeko
Committee on Education and Public Libraries & Women's Affairs
155 Hesler Place, Suite 201, Hagatna, Guam 96910
472-3586 Fax: (671) 472-3589
www.guamlegislature.com / speaker@judiwonpat.com

32-14-1876
Office of the speaker
Judith T. Won Pat Ed.D.
Date 7.29.14
Time 9:12am
Received by [Signature]

2014 JUL 29 AM 9:27
Tel: (671)

- 2 attachments
- SAI 16007141153Y.pdf 4629K
 - Courtesy letter SPKR 153Y.pdf 311K

1876



GUAM STATE CLEARINGHOUSE

P.O. Box 2950 Hagåtña, Guam 96932

Tel: (671) 475-9380

Website: www.gsc.guam.gov

Email: clearinghouse@guam.gov

EDDIE BAZA CALVO

I Maga'låhen Guahan

RAYMOND S. TENORIO

I Segundu Na Maga'låhen Guahan

Kate G. Baltazar

Administrator

July 25, 2014

HONORABLE JUDITH T. WON PAT, Ed. D.

Speaker gi I Mina'Trentai Dos Na Liheslaturan Guåhan

155 Hesler Place

Hagåtña, Guåhan 96910

Ref: Department of Agriculture's federal grant application submitted for FY2015 Sport Fish Investigations

Hafa Adai Madam Speaker,

This letter is to respectfully notify you the Guam State Clearinghouse (GSC) has received a federal grant application from the Department of Agriculture (DOAg). The GSC has accepted the application, assigned the State Application Identifier (SAI) 16007141153Y and has initiated the process for an area wide review. An abstract of the project is provided below.

Grantor: U.S. Department of Interior: Fish and Wildlife Service

Grant Title/

Project Title: Guam Sport Fish Investigations FY15 F-1-R-22

Details: The Sport Fishing Investigations FY15 F-1-R-22 grant resources will be used towards monitoring the health of Guam's reef, bottom, and pelagic fishery resource by conducting 192 offshore surveys each year at the three largest boat-launching facilities on island, 24 aerial and 192 inshore surveys each year along the coastline of Guam. Funds will be used to provide technical information and increase public awareness on sport fishing and related issues to the community. This will also be used towards the evaluation of effects on sport fish populations caused by the creation of 5 marine preserves where fishing is prohibited. These expenses will be used to cover personnel, equipment, supplies, and contractual costs.

Start Date: 10/01/2014

End Date: 09/30/2015

Federal Grant: \$483,958.00

Non-Federal Match: \$0

GSC conducts intergovernmental reviews and solicits comments through electronic communication and this notice is sent to you as a part of the review process. A digital copy of the grant proposal is attached for your perusal. Please submit any comments you may have pertaining to this proposal to Anna Marie Pangelinan by **August 25, 2014**, via email at anna.pangelinan@guam.gov.

Dangkolo Na Si Yu'os Ma'åse',

Kate G. Baltazar

Administrator

Cc: File



**Department of Agriculture
Dipattamenton Agrikottura**
163 Dairy Road, Mangilao, Guam 96913



Edward J.B. Calvo
Governor

Raymond S. Tenorio
Lt. Governor

Director's Office
Agricultural Dev. Services
Animal Health
Aquatic & Wildlife Resources
Forestry & Soil Resources
Plant Nursery
Plant Inspection Facility

300-7964/65/66; Fax 734-6569
300-7972/73/67; Fax 734-6569
300-7965/66; Fax 734-6569
735-3955/56; Fax 734-6570
300-7976; Fax 734-6569
300-7974; Fax 734-6569
475-1426/27; Fax 477-9487

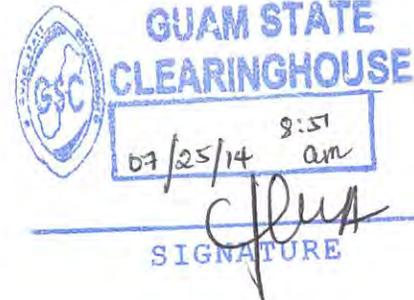
Mariquita F. Taitague
Director

Matthew L.G. Sablan
Deputy Director

July 10, 2014

Memorandum

To: Administrator, Guam State Clearinghouse
From: Director, Department of Agriculture
Subject: Project Application for Review and Clearance for FY15 Sport Fish Investigations, F-1-R-22 – FON F14AS00099



Hafa Adai! Submitted for review and clearance is the Grant Project Application and Grantee Agreement document with the Department of Agriculture's FY15 Sport Fish Investigations F-1-R-22 grant proposal in the amount of \$483,958.00, that was submitted to the U.S. Department of Interior, Fish & Wildlife Service.

We look forward to your approval so that we may continue our efforts to promote sport fishing.

Should you have any questions, please contact Mr. Celestino F. Aguon or Mr. Jay T. Gutierrez, at 735-3955/56.

M. F. Taitague
MARIQUITA F. TAITAGUE

Attachment(s):



GUAM STATE CLEARINGHOUSE

P.O. Box 2950 Hagåtña, Guam 96932
Tel: (671) 475-9380
Website: www.guamclearinghouse.com
Email: clearinghouse@guam.gov

EDWARD J.B. CALVO
I Maga'låhen Guahan

RAYMOND S. TENORIO
I Segundu Na Maga'låhen Guahan

Grant Project Application Notice of Intent to Apply for Federal Assistance

GSC FORM REVISED 03/21/2012

Guam State Clearinghouse Use Only

Date Received: 07/25/2014
Received By: [Signature]
SAI Number: 146071411532

Type of Application New Grant* Continuing Grant** Supplemental Grant** Other* []

A.) DUNS Number 855023235

B.) Date Jul 1, 2014

C.) Applicant/Department Name Department of Agriculture

D.) Division Aquatic and Wildlife Resources

E.) Applicant Address 163 Dairy Road Mangilao Guam 96913

F.) Applicant/Department Point of Contact Information

Contact Person Name Celestino Aguon

Phone Number (671) 735-3955/6

E-mail Address tino_aguon@yahoo.com

G.) Due Date to Federal Agency 6/5/2014

H.) Federal Funds

a.) Grant \$483,958

b.) Other []

I.) Non-Federal, Matching Funds

a.) Local []

b.) In-Kind []

c.) Other []

J.) TOTAL FUNDS \$483,958

K.) CFDA/Federal Program Name 15.605 Sport Fish Restoration

L.) Federal Agency Name Department of Interior Fish and Wildlife Service

M.) Federal Agency Address U.S. Fish and Wildlife Service P.O. Box 50167 Honolulu, HI 96850

N.) For Continuing or Supplemental Grants, Please provide the following information:

a.) Initial Grant Period

b.) Guam State Clearinghouse SAI Number

c.) Grant Year This Application Impacts

O.) Has the Federal Funding Agency been notified? YES NO

P.) During which Fiscal Year will this program be implemented?

FY15

Q.) If the project requires local funding in addition to the federal funding requested, please specifically identify source and rationale:

R.) This program is: Budgeted - Please identify legal budget authority

Non-Budgeted

S.) Will this program require the hiring of additional employees? Is YES, please provide the number of employees (both existing and new) and justification.

YES - Existing

New

NO

T.) List Departments and Agencies that would be affected directly or indirectly by this application

Department of Administration, Bureau of Budget and Management Resources

U.) Please provide a Project Summary with supporting documents if needed.

Attached FY15 Grant Proposal

V.) Please answer the following:

a.) Does this application require an Environmental Impact Study?

YES NO

b.) Will this application conflict with any existing law?

YES NO

c.) Is enabling legislation required?

YES NO

d.) Will the program require a maintenance of effort?

YES NO

e.) Are in-kind services allowed for this program?

YES NO

f.) Does this program allow an indirect cost rate to be applied?

YES NO

SUBMITTED AND APPROVED BY:

Printed Name, Position/Title of Authorized Representative

Mariquita F. Taitague Director, Department of Agriculture

SIGNATURE

Date

7/14/14



GUAM STATE CLEARINGHOUSE

P.O. Box 2950 Hagåtña, Guam 96932
Tel: (671) 475-9380
Website: www.guamclearinghouse.com
Email: clearinghouse@guam.gov

EDWARD J.B. CALVO
I Maga'låhen Guahan

RAYMOND S. TENORIO
I Segundu Na Maga'låhen Guahan

KATE G. BALTAZAR
Administrator

Guam State Clearinghouse Grantee Agreement

Current Date

Name of Grant

Agency Name

Division Name

SAI Number

Grant Award Number

Grantor Name

Grant Amount

Grant Start Date

Grant End Date

RECITALS:

This grant agreement is entered into by the Guam State Clearinghouse and the Agency mentioned above.

Whereas **I Maga'låhen Guahan** is the grantee of all federal grants.

Whereas the Guam State Clearinghouse is the Government of Guam's Single Point of Contact for all Federal aid programs, grants, loans, contracts, contributions, appropriations, advances, direct Federal development and other Federal funding sources for Guam.

The Agency whose name appears above agrees to the following terms:

- 1.) Adherence to the Guam State Clearinghouse's Standard Operating Procedures (SOP).
- 2.) Adherence to all reporting requirements stemming from the SOP and the grant terms and conditions.
- 3.) Ensure the funds subject to this Agreement are used in compliance with conditions, requirements and restrictions germane to local and Federal laws, and to the provisions of the grant award.
- 4.) Make records available to the Guam State Clearinghouse, the Public Auditor of Guam, federal agencies and other authorized governmental agencies for review, audit and investigation.

This agreement is entered into by the Guam State Clearinghouse and the Agency named above effective on the grant start date and terminates three (3) business days after the grant end date on:

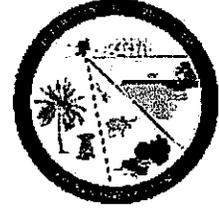
Printed Name

Director of Agency or Authorized Representative*
*Authorized Representative indicated on the GSC- Notice of Intent to Apply

Kate G. Baltazar, Administrator of the GSC



**Department of Agriculture
Dipattamenton Agrikottura**
163 Dairy Road, Mangilao, Guam 96913



Edward J.B. Calvo
Governor

Raymond S. Tenorio
Lt. Governor

Director's Office
Agricultural Dev. Services
Animal Health
Aquatic & Wildlife Resources
Forestry & Soil Resources
Plant Nursery
Plant Inspection Facility

300-7964/65/66; Fax 734-6569
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300-7965/66; Fax 734-6569
735-3955/56; Fax 734-6570
300-7975/76; Fax 734-6569
300-7974; Fax 734-6569
475-1426/27; Fax 477-9487

Mariquita F. Taitague
Director

Matthew L.G. Sablan
Deputy Director

June 5, 2014

Dr. Ruth Utzurrum and Mr. Edward Curren
Pacific Islands Federal Coordinator Specialists
U.S. Fish and Wildlife Service
300 Ala Moana Blvd, Federal Aid Room 5-207
P.O. Box 50167
Honolulu, HI 96850

Subject: GU F-1-R-22 Sport Fish Investigations FY 2015 – FON F14AS00099
Dear Mr. Curren:

Please find attached our Application for Federal Assistance (SF-424) and narratives for Sport Fish Investigations, F-1-R-22. Guam Sport Fish Investigations has five separate projects: Offshore Fisheries Program, Inshore Fisheries Program, Technical Assistance, Visual Stock Assessment Surveys of Marine Preserves and Control Sites, and Fisheries Coordination. Our agency is requesting \$483,958 for Fiscal Year 2015.

Should you have any questions, please contact Mr. Celestino Aguon at (671) 735-3979 or Mr. Jay Gutierrez at (671) 735-3980.

MARIQUITA F. TAITAGUE

Attachment(s):

Grant Application Package

Opportunity Title:	R1 Sport Fish Restoration
Offering Agency:	Fish and Wildlife Service
CFDA Number:	15.605
CFDA Description:	Sport Fish Restoration Program
Opportunity Number:	F14AS00099
Competition ID:	
Opportunity Open Date:	10/01/2013
Opportunity Close Date:	09/30/2015
Agency Contact:	Kelly Sliger Fiscal Specialist E-mail: Kelly_Sliger@fws.gov Phone: 503-231-2067

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

Application Filing Name:

Select Forms to Complete

Mandatory

[Application for Federal Assistance \(SF-424\)](#)

[Project Narrative Attachment Form](#)

[Budget Narrative Attachment Form](#)

Optional

[Budget Information for Non-Construction Programs \(SF-424A\)](#)

[Assurances for Non-Construction Programs \(SF-424B\)](#)

[Other Attachments Form](#)

[Budget Information for Construction Programs \(SF-424C\)](#)

[Assurances for Construction Programs \(SF-424D\)](#)

Instructions

[Show Instructions >>](#)

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application	* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision	* If Revision, select appropriate letter(s): _____ * Other (Specify) _____
---	---	---

* 3. Date Received: Completed by Grants.gov upon submission.	4. Applicant Identifier: _____
--	--

5a. Federal Entity Identifier: _____	* 5b. Federal Award Identifier: _____
--	---

State Use Only:

6. Date Received by State: _____	7. State Application Identifier: F-1-R-22
---	--

8. APPLICANT INFORMATION:

* a. Legal Name: Guam Department of Agriculture	
* b. Employer/Taxpayer Identification Number (EIN/TIN): 98-0018947	* c. Organizational DUNS: 855023235

d. Address:

* Street1: 163 Dairy Road
Street2: _____
* City: Mangilao
County: _____
* State: GU: Guam
Province: _____
* Country: USA: UNITED STATES
* Zip / Postal Code: 96913

e. Organizational Unit:

Department Name: Agriculture	Division Name: Aquatic and Wildlife Resources
-------------------------------------	--

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.	* First Name: Celestino
Middle Name: _____	
* Last Name: Aguon	
Suffix: _____	
Title: Division Chief	

Organizational Affiliation:

* Telephone Number: (671) 735-3979	Fax Number: (671) 734-6570
---	-----------------------------------

*** Email:** tino_aguon@yahoo.com

Application for Federal Assistance SF-424

Version 02

9. Type of Applicant 1: Select Applicant Type:

F: U.S. Territory or Possession

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*** Other (specify):**

*** 10. Name of Federal Agency:**

Fish and Wildlife Service

11. Catalog of Federal Domestic Assistance Number:

15.605

CFDA Title:

Sport Fish Restoration Program

*** 12. Funding Opportunity Number:**

F14AS00099

*** Title:**

R1 Sport Fish Restoration

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

*** 16. Descriptive Title of Applicant's Project:**

Guam Sport Fish Investigations

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="483,958.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="483,958.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- a. This application was made available to the State under the Executive Order 12372 Process for review on .
- b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

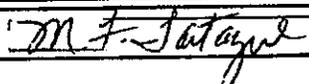
Authorized Representative:

Prefix: * First Name:
Middle Name:
* Last Name:
Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative:  * Date Signed:

Application for Federal Assistance SF-424

Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

[Empty text input area for Applicant Federal Debt Delinquency Explanation]

Project Narrative File(s)

* Mandatory Project Narrative File Filename:

To add more Project Narrative File attachments, please use the attachment buttons below.

PROGRAM NARRATIVE

GUAM SPORT FISH INVESTIGATIONS (F-1-R-22)

STATE: Territory of Guam

PROJECT 1: Offshore Fisheries Participation, Effort, and Harvest Surveys

NEED

Fishing has always been an important cultural and economic activity for the residents of Guam. Developments in Guam's tourism industry, economy, population growth, and proposed military buildup have adversely affected the health of our coral reefs in addition to placing a greater demand on local marine resources. It is important to have an on-going understanding of how these changes are affecting Guam's sport fishery in order to effectively manage this fragile, yet productive ecosystem.

Offshore, or boat-based, creel surveys have identified the recent increase in fishing participation on Guam's reefs. Fishing activities, coupled with the booming tourism industry, have created more resource conflicts and problems. Abandoned gill nets, poor water quality, jet skiing, and siltation are only some of the issues affecting the health of Guam's reefs, which has also resulted in decreased ability to catch reef fish. Harvest compositions of popular reef fish in the last decade have shifted to smaller and less desirable species, especially with gill nets and spearfishing. Larger species of fish, e.g., groupers and parrotfish, have become scarce to absent from popular reefs around Guam. Groupers and parrotfish with higher turnover rates such as *Epinephelus merra* and *Scarus sordidus*, have become the dominant catch in recent years. In addition, people using non-selective fishing methods (gill nets and drag nets), are catching a greater percentage of smaller, less desirable species (e.g. bream and squirrelfish).

Fish Aggregation Devices (FAD's) have been deployed in several locations around Guam. Offshore surveys allow us to both obtain feedback from fishermen as well as document their catch and the composition of pelagic fish species from FAD's and other offshore areas and to determine if there is a need for additional FAD sites. Deepwater bottomfishing and most inshore methods are also surveyed during the offshore creel as essential components of the island-wide harvest.

A reliable time series of inshore and offshore data is essential to manage the various reef, bottom, and pelagic fish stocks in waters around Guam.

OBJECTIVES

1. To monitor the health of Guam's reef, bottom, and pelagic fishery resource by conducting 192 offshore surveys each year at the three largest boat launching facilities on island.
2. To continue gathering limited biological data that will add to a long-term historical data base on Guam's fish species by conducting 192 offshore surveys each year at the three largest boat launching facilities on island.

EXPECTED RESULTS AND BENEFITS

Fisheries participation, effort, and harvest surveys will greatly improve our ability to identify key issues and problems within the fishery and provide the foundation to implement sound management measures or research to address the needs of our recreational/subsistence fishermen.

APPROACH

Data collection will involve offshore or boat-based surveys. Offshore survey staff will collect data related to the reef, shallow to deepwater bottom, and pelagic fishery methods via the Agana, Agat, and Merizo boat launching facilities, as well as boat-based fishery data collected opportunistically.

The offshore fisheries data collection consists of a site-based survey to monitor boating and fishing activities at the following sites: Agana Boat Basin, Agat Marina, and Merizo Ramp on Guam. In addition, a census of vehicle trailers is surveyed island-wide (ramp vs. non-ramp areas) during inshore participation surveys. The site-based survey is partitioned into a daytime (0500-1200h) and nighttime (1600-2400h) component due to differences in fishing methods and species harvested.

Each survey relies on log sheet information of all boating activity and catch interviews of as many returning fishermen as possible. Surveys are conducted on eight randomly selected days per month with four surveys occurring on the weekend and the other four on the weekday. The surveys are further divided into daytime and nighttime shifts, which accounts for sixteen surveys per month for a total of 192 surveys per year. The Agana Boat Basin is surveyed four times a month (two weekdays and two weekends per month) while the Agat Marina and Merizo Ramp are each surveyed twice a month (one weekday and one weekend per month). To effectively manage our time and avoid duplication of effort, the offshore participation survey is conducted during the inshore participation survey. The offshore participation survey entails counting the number of trailered boats from ramp and non-ramp sites island-wide while the inshore participation survey involves logging down fishermen and methods along accessible portions of Guam's coastline. Percentage values of trailered boat participation are calculated in order to determine the coverage at the popular ramp sites. This approach makes it possible to estimate the quarterly and annual levels of participation, effort, and catch.

In order to obtain representative data on Guam's offshore component, it is necessary to obtain sufficient data on all methods and representative samples of their catches. Catch and participation data at the three survey sites have indicated a need to continue more than one location due to differences in method frequency and species composition.

In addition, economic data in the expenditures of fishers on Guam is collected. Data is collected then provided to the Honolulu Science Center for analysis. Data is collected on what a fisher spends on fuel, ice, chum, lost gear, as well as information on the fishers engine type, and gear such as GPS, fish finder, and electric reels. This project is in the preliminary phase, allowing DAWR and the Science Center to do preliminary analysis on the economic side of boat-based fishing.

Accumulation of fiscal year data is analyzed using the Visual FoxPro expansion program developed jointly between Agriculture's Fisheries staff and NOAA staff to estimate annual participation and harvest.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Work-days</u>
'15	\$131,072	594

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Agana Boat Basin, Agat Marina, and Merizo Boat Ramp

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I
Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I
Frank Manibusan, Fisheries Technician I

PROGRAM NARRATIVE

GUAM SPORT FISH INVESTIGATIONS (F-1R)

STATE: Territory of Guam

PROJECT 2: Inshore Fisheries Participation, Effort, and Harvest Surveys

NEED

Fishing has always been an important cultural and economic activity for the residents of Guam. Recent developments in Guam's tourism industry, economy, and anticipated military build-up have adversely affected the health of our coral reefs in addition to placing a greater demand on local marine resources. It is important to have an on-going understanding of how these changes are affecting Guam's sport fishery in order to effectively manage this fragile, yet productive ecosystem.

Inshore creel surveys have identified the recent increase in fishing participation on Guam's reefs. Fishing activities, coupled with the booming tourism industry, have created more resource conflicts and problems. Abandoned gill nets, poor water quality, jet skiing, and siltation are only some of the issues affecting the health of Guam's reefs, which has also resulted in decreased ability to catch reef fish. Harvest compositions of popular reef fish in the last decade have shifted to smaller and less desirable species, especially with gill nets and spearfishing. Larger species of fish, e.g., groupers and parrotfish, have become scarce to absent from popular reefs around Guam. Groupers and parrotfish with higher turnover rates such as *Epinephelus merra* and *Scarus sordidus*, have become the dominant catch in recent years. In addition, people using non-selective fishing methods (gill nets and drag nets) are catching a greater percentage of smaller, less desirable species (e.g. bream and squirrelfish).

A reliable time series of inshore data is essential to manage the various reef and bottom fish stocks in waters around Guam.

OBJECTIVES

1. To monitor the health of Guam's reef and bottom fishery resource by conducting 192 inshore surveys each year along the coastline of Guam.
2. To continue gathering limited biological data that will add to a long-term historical data base on Guam's fish species by conducting 192 inshore surveys each year along the coastline of Guam.
3. To monitor the health of Guam's reef and bottom fishery resource by conducting 24 aerial surveys each year along the coastline of Guam.

EXPECTED RESULTS AND BENEFITS

Fisheries participation, effort, and harvest surveys will greatly improve our ability to identify key issues and problems within the fishery and provide the foundation to implement sound management measures or research to address the needs of our recreational/subsistence fishermen.

APPROACH

The inshore fisheries data collection is categorized into a participation, creel, and aerial surveys to account for fishermen effort and catch. Survey days are partitioned into a daytime (0600-1200h) and nighttime (1900-2400h) component due to differences in fishing methods and species harvested. Surveys are selected on two weekday and weekend days per month due to differences in levels of participation and effort.

The participation and creel surveys are conducted on eight randomly selected days per month with two surveys occurring on the weekend and the other two on the weekday. The surveys are further divided into daytime and nighttime shifts, which accounts for sixteen surveys per month for a total of 192 surveys per year. Participation surveys entail making visual observations of fishermen and methods along the readily accessible portions of Guam's coastline, while creel surveys involves interviewing fishermen to gather catch, effort, species composition, and length-weight data for each type of fishing method encountered. Aerial surveys are conducted twice a month on the first weekday and weekend participation days of the month to account for participation in areas not surveyed due to inaccessibility. Percentage values are calculated for number of individuals participating for each method and applied to the expansion formulae.

Accumulation of fiscal year data is analyzed using the Visual FoxPro expansion program developed jointly between Agriculture's Fisheries staff and NOAA staff to estimate annual participation and harvest.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Work-days</u>
'15	\$189,410	486

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I

Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I
Frank Manibusan, Fisheries Technician I

PROGRAM NARRATIVE

GUAM SPORT FISH INVESTIGATIONS

STATE: Territory of Guam

PROJECT 3: Technical Assistance to Activities Affecting Guam's Fisheries Resources

NEED

The rapid development of Guam's economy has resulted in increasing demands upon Guam's natural resources. The trend toward urbanization has brought an increase in the construction of recreational, commercial, military, and public utility facilities, all of which have some impact upon the environment. To help minimize long-term adverse impacts of such developments, the Division of Aquatic and Wildlife Resources has taken an increasingly active role in the area of technical guidance. These responsibilities are increasing rapidly because review is now legally required for many development plans, permit applications and impact statements.

Divisional staff actively participates in supplying technical advice on development proposals submitted to the Area Review Committee, a technical review arm of the Guam Land Use Commission and the Guam Seashore Protection Commission. Staff routinely attend meetings, make field inspections and provide written comments on Army Corps of Engineers permits, Coastal Zone Management Federal Consistency review, water quality issues, endangered species impacts, and aquatic and terrestrial ecosystem concerns. Divisional staff coordinate with the Department of Land Management, Department of Parks and Recreation, Bureau of Statistics and Plans, Guam Environmental Protection Agency, Guam Visitors Bureau, National Park Service, U.S. Army Corps of Engineers, U.S. Navy, and U.S. Air Force on matters of mutual concern. Staff also provide outreach and education for various schools, events, and meetings.

OBJECTIVE

To provide technical information and increase public awareness on sport fishing and related issues to the public, the private sector, and local and federal government agencies on the island of Guam, as needed each year, through written comments and attendance at meetings.

EXPECTED RESULTS AND BENEFITS

It is hoped that the protection and enhancement of Guam's environment can be significantly improved by increasing public awareness, actively participating in the review process, and by providing technical guidance to military, civil, government agencies, and the public relative to the management and protection of Guam's fisheries resources. The Division of Aquatic and Wildlife Resources has a legal obligation in this regard that must be fulfilled.

APPROACH

The Division of Aquatic and Wildlife Resources will provide technical guidance, comments, and input to military, civil, and other government agencies concerning development proposals, permits, and other projects to protect and manage Guam's fisheries resources.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Work-days</u>
'15	\$89,059	387

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)

Thomas P. Flores, Jr., Fisheries Biologist III

Rodney B. Tibbatts, fisheries Biologist II

Fisheries Biologist III (To be filled)

Nathaniel E. Martin, Fisheries Biologist I

Project Coordinator I (to be filled)

Project Coordinator I (to be filled)

Jamie D. Bass, Fisheries Technician II

Shawn MB. Wusstig, Fisheries Technician II

Carlos S. Quintanilla, Fisheries Technician I

Renee Franquez, Fisheries Technician I

Frank Manibusan, Fisheries Technician I

PROGRAM NARRATIVE

GUAM SPORT FISH INVESTIGATIONS

STATE: Territory of Guam

PROJECT 4: Visual Stock Assessment Surveys of Marine Preserves and Control Sites

NEED

In May of 1997, Public Law 24-21 established five (5) marine preserves where fishing is restricted or prohibited. The law required the Department of Agriculture to monitor the five protected areas for two years to determine the effects of the closure and report the findings to the legislature. The Inshore Fisheries Survey Project (Project 1, Job 2) provided the data used to justify the need for the five (5) marine preserves and the preserves are considered an essential tool in restoring sportfishing opportunities in coastal areas around Guam. These surveys are necessary to demonstrate the ongoing effectiveness of marine preserves in restoring a dwindling fishery and heighten public awareness.

OBJECTIVE

1. To evaluate the effect on sport fish populations caused by the creation of five marine preserves where fishing is restricted or prohibited by conducting fish counts and timed-swim counts on 40 permanent transects located in reef flat and lagoon habitats in Achang Reef Flat Marine Preserve, Piti Bomb Holes Marine Preserve, Tumon Bay Preserve, Asan Bay, Pago Bay, and Cocos Lagoon, every two years.
2. To evaluate the effect on sport fish populations caused by the creation of five marine preserves where fishing is restricted or prohibited by conducting fish counts, timed-swim counts, and video-transects/quadrates on 40 permanent transects located at the 20', 30', 40', and 50' depth contours of the fore reef slopes in Achang Reef Flat Marine Preserve, Piti Bomb Holes Marine Preserve, Tumon Bay Preserve, Asan Bay, and the backside of Cocos Lagoon, every two years.
3. To monitor "spill-over" effects on sport fish populations caused by the creation of five marine preserves by conducting additional creel surveys at sites adjacent to Achang Reef Flat Marine Preserve and Piti Bomb Holes Marine Preserve each year.

EXPECTED RESULTS AND BENEFITS

This project will demonstrate the value of marine preserves as a sport fishing management approach to the recovery of the fisheries resources by evaluating significant increases in fish density and diversity and increase public awareness of the limits of harvesting reef resources.

APPROACH

Two visual survey methods will be used for the fish assessment surveys: 1) strip transect technique and 2) interval (timed swim) count technique. Strip transects, 50 m X 5 m, will be placed within the seagrass, coral/rubble, and sandy/channel habitats on the reef flat and also within the 20 ft., 30 ft., 40 ft., and 50 ft. depths on the fore reef slope of each site. Two fish counters will swim within the transect recording the number, size, and types of species observed. Interval counts will be conducted for thirty minutes within the transect areas to record the species number, size of fish observed, and total number of individuals.

The method to assess the percentage of substrate cover will involve video transects and a quadrat sampling method. The same transects used for the fish surveys will also be used for substrate cover. Substrate will be recorded with a video camera from one end of the transect to the other. A rebar will be used to guide the camera along the transect and to maintain a constant distance between camera and substrate. A quadrat method will be used randomly to verify the findings from the video transects.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Work-days</u>
'15	\$63,066	283

Cost Ratio
DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I
Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I
Frank Manibusan, Fisheries Technician I

PROGRAM NARRATIVE

GUAM SPORT FISH INVESTIGATIONS

STATE: Territory of Guam

PROJECT 5: Coordination of Guam's Fisheries Programs

NEED

Coordination of fisheries programs is crucial as projects range from offshore and inshore creel projects, freshwater projects, marine preserve projects, boating access projects, fishing platform projects, FADs and SWMs projects, environmental reviews, and education and outreach projects. Such diversity requires coordination and supervision so program objectives are accomplished and tasks are implemented in appropriate sequence.

OBJECTIVE

To plan, coordinate, supervise, and administer fisheries sport fish restoration programs including programs for biological investigations, fishery development projects, implementation of management plans, conducting technical assistance and review of projects affecting Guam's fisheries, and ensuring legislation that affect Guam's fisheries are in alignment with other regulations.

EXPECTED RESULTS AND BENEFITS:

Programs will be effectively implemented to conserve, restore, develop, and preserve Guam's sport fishing for the enjoyment of future generations.

APPROACH

Provide coordination through a Fisheries Supervisor to ensure that the Fisheries Section implements a sport fish restoration program and meets its responsibilities for participation in the Federal Aid program. Included is planning, record keeping, reporting, supervision of staff, and keeping track of legislation that affect Guam's wildlife.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Work-days</u>
'15	\$11,350	0

Cost Ratio
DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Jay Gutierrez, Assistant Chief

Fisheries Biologist IV (To be filled)

F1R22: Fisheries Investigation FY2015 Timeline

Proposed Timeline: Fisheries Investigation

Objective	Oct 2013	No	De	Jan 2014	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept
Conduct Boat-Based Surveys (creel, participation)	X	X	X	X	X	X	X	X	X	X	X	X
QC/Data Input boat-based data	X	X	X	X	X	X	X	X	X	X	X	X
Conduct Shore-Based Surveys (creel, aerial, participation)	X	X	X	X	X	X	X	X	X	X	X	X
QC/Data Input boat-based data	X	X	X	X	X	X	X	X	X	X	X	X
Provide Technical Assistance as Requested	X	X	X	X	X	X	X	X	X	X	X	X
Visual Stock Assessment Surveys (pending Bio III hiring)				X	X	X	X	X	X	X	X	X

GRANT AGREEMENT
(October 1, 2014-September 30, 2015)

GUAM MARINE SPORT FISH INVESTIGATIONS (F-1-R-22)

STATE: Territory of Guam

PROJECT 1: Offshore Fisheries Participation, Effort, and Harvest Surveys

OBJECTIVES:

1. To monitor the health of Guam's reef, bottom, and pelagic fishery resource by conducting 192 offshore surveys each year at the three largest boat launching facilities on island.
2. To continue gathering limited biological data that will add to a long-term historical data base on Guam's fish species by conducting 192 offshore surveys each year at the three largest boat launching facilities.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Workdays</u>
'15	\$131,072	594

Cost Ratio
DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Agana Boat Basin, Agat Marina, Merizo Boat Ramp

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I
Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I
Frank Manibusan, Fisheries Technician I

GRANT AGREEMENT
(October 1, 2014-September 30, 2015)

GUAM MARINE SPORT FISH INVESTIGATIONS (F-1-R)

STATE: Territory of Guam

PROJECT 2: Inshore Fisheries Participation, Effort, and Harvest Surveys

OBJECTIVES:

1. To monitor the health of Guam's reef and bottom fishery resource by conducting 192 inshore surveys each year along the coastline of Guam.
2. To continue gathering limited biological data that will add to a long-term historical data base on Guam's fish species by conducting 192 inshore surveys each year along the coastline of Guam.
3. To monitor the health of Guam's reef and bottom fishery resource by conducting 24 aerial surveys each year along the coastline of Guam.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Workdays</u>
'15	\$189,410	486

Cost Ratio
DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-Wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I
Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I

Frank Manibusan, Fisheries Technician I

**GRANT AGREEMENT
(October 1, 2014-September 30, 2015)**

GUAM MARINE SPORT FISH INVESTIGATIONS (F-1-R)

STATE: Territory of Guam

PROJECT 3: Technical Assistance to Activities Affecting Guam's Fisheries Resources

OBJECTIVES:

To provide technical information and increase public awareness on sport fishing and related issues to the public, the private sector, and local and federal government agencies on the island of Guam, as needed each year, through written comments and attendance at meetings.

SCHEDULE

<u>FY</u>	<u>COST</u>	<u>WORKDAYS</u>
'15	\$89,059	387

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)
Thomas P. Flores, Jr., Fisheries Biologist III
Rodney B. Tibbatts, fisheries Biologist II
Fisheries Biologist III (To be filled)
Nathaniel E. Martin, Fisheries Biologist I
Project Coordinator I (to be filled)
Project Coordinator I (to be filled)
Jamie D. Bass, Fisheries Technician II
Shawn MB. Wusstig, Fisheries Technician II
Carlos S. Quintanilla, Fisheries Technician I
Renee Franquez, Fisheries Technician I
Frank Manibusan, Fisheries Technician I

GRANT AGREEMENT
(October 1, 2014-September 30, 2015)

GUAM MARINE SPORT FISH INVESTIGATIONS (F-1-R)

STATE: Territory of Guam

PROJECT 4: Visual Stock Assessment Surveys of Marine Preserves and Control Sites.

OBJECTIVES:

1. To evaluate the effect on sport fish populations caused by the creation of five marine preserves where fishing is restricted or prohibited by conducting fish counts and timed-swim counts on 40 permanent transects located in reef flat and lagoon habitats in Achang Reef Flat Marine Preserve, Piti Bomb Holes Marine Preserve, Tumon Bay Preserve, Asan Bay, Pago Bay, and Cocos Lagoon, every two years.
2. To evaluate the effect on sport fish populations caused by the creation of five marine preserves where fishing is restricted or prohibited by conducting fish counts, timed-swim counts, and video-transects/quadants on 40 permanent transects located at the 20', 30', 40', and 50' depth contours of the fore reef slopes in Achang Reef Flat Marine Preserve, Piti Bomb Holes Marine Preserve, Tumon Bay Preserve, Asan Bay, and the backside of Cocos Lagoon, every two years.
3. To monitor "spill-over" effects on sport fish populations caused by the creation of five marine preserves by conducting additional creel surveys at sites adjacent to Achang Reef Flat Marine Preserve and Piti Bomb Holes Marine Preserve each year.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Workdays</u>
'14	\$63,066	283

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Fisheries Biologist IV (To be filled)

Thomas P. Flores, Jr., Fisheries Biologist III

Rodney B. Tibbatts, fisheries Biologist II

Fisheries Biologist III (To be filled)

Nathaniel E. Martin, Fisheries Biologist I

Project Coordinator I (to be filled)

Project Coordinator I (to be filled)

Jamie D. Bass, Fisheries Technician II

Shawn MB. Wusstig, Fisheries Technician II

Carlos S. Quintanilla, Fisheries Technician I

Renee Franquez, Fisheries Technician I

Frank Manibusan, Fisheries Technician I

GRANT AGREEMENT
(October 1, 2014-September 30, 2015)

GUAM MARINE SPORT FISH INVESTIGATIONS (F-1-R-19)

STATE: Territory of Guam

PROJECT 5: Coordination of Guam's Fisheries Programs

OBJECTIVES:

To plan, coordinate, supervise, and administer fisheries sport fish restoration programs including programs for biological investigations, fishery development projects, implementation of management plans, conducting technical assistance and review of projects affecting Guam's fisheries, and ensuring legislation that affect Guam's fisheries are in alignment with other regulations.

SCHEDULE

<u>FY</u>	<u>Cost</u>	<u>Workdays</u>
'15	\$11,350	.0

Cost Ratio

DJ = 100%

GEOGRAPHIC LOCATION

Territory of Guam, Island-wide

TECHNICAL STAFF

Jay Gutierrez, Assistant Chief
Fisheries Biologist IV (To be filled)

Budget Narrative File(s)

* Mandatory Budget Narrative Filename:

To add more Budget Narrative attachments, please use the attachment buttons below.

GU F-1-R-22 FY15 Sport Fish Investigation Budget

	Project 1 Offshore Investigat.		Project 2 Inshore Investigat.		Project 3 Tech Assist Investigat.		Project 4 MPA Investigat.		Project 5 Coordination		Total	
	Days	Benefits	Salary	Days	Benefits	Salary	Days	Benefits	Salary	Days	Benefits	Salary
BioI, Nathan Martin	78	\$3,694	\$11,736	70	\$3,315	\$10,533	60	\$2,841	\$9,028	0	\$0	\$0
Projects Coord-I-Fisheries	67	\$2,848	\$8,739	68	\$2,891	\$8,869	67	\$2,848	\$8,739	0	\$0	\$0
FWTII,Renee Franquez	70	\$3,627	\$8,042	70	\$3,627	\$8,042	10	\$518	\$1,149	30	\$1,554	\$3,446
FWTII,Shawn Wusstig	50	\$2,139	\$6,630	50	\$2,139	\$6,630	8	\$342	\$1,061	10	\$428	\$1,326
FWTII,Jamie Bass	40	\$2,136	\$5,573	46	\$2,456	\$6,409	5	\$267	\$697	30	\$1,602	\$4,180
BioIV,Biologist IV- Fisheries	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
BioIII,Thomas Flores	60	\$4,349	\$11,723	10	\$725	\$1,954	94	\$6,813	\$18,366	5	\$362	\$977
FWTII,Taijeron, Lillian	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
BioII, Tibbatts, Brent	30	\$1,848	\$4,909	55	\$3,389	\$8,999	60	\$3,697	\$9,817	30	\$1,848	\$4,909
RIEO, Jane Dia	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
FWTII, Quintinilla, Carlos	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0
FWTII-PN963 Fisheries	50	\$2,248	\$5,540	56	\$2,518	\$6,205	10	\$450	\$1,108	30	\$1,349	\$3,324
FWTII, Frank Manibusan	105	\$4,912	\$18,179	18	\$842	\$3,116	30	\$1,403	\$5,194	105	\$4,912	\$18,179
BioIII-Fisheries	44	\$1,870	\$5,739	43	\$1,828	\$5,608	43	\$1,828	\$5,608	43	\$1,828	\$5,608
Projects Coord-I- Fisheries	594	\$29,671	\$86,808	486	\$23,729	\$66,364	387	\$21,008	\$60,766	283	\$13,884	\$41,949
FY2014 - Total Days/Salary		\$116,479		\$90,093		\$81,774		\$55,832		\$41,949		\$0
Salary+Benefits=												
Salary (111)		\$86,808		\$66,364		\$60,766		\$41,949		\$41,949		\$255,887
Benefits (113)		\$29,671		\$23,729		\$21,008		\$13,884		\$13,884		\$88,292
Indirect Costs (7.71%)						\$4,685		\$3,234		\$3,234		\$19,729
Travel (220)		\$3,000		\$3,000		\$500		\$3,000		\$3,000		\$6,000
Contractual (230)		\$1,200		\$41,000		\$500		\$3,000		\$3,000		\$56,550
Supplies (240)		\$2,700		\$1,000		\$2,100		\$1,000		\$1,000		\$9,600
Equipment (250)		\$1,000		\$8,000		\$700		\$700		\$700		\$8,000
Power (361)												\$0
Water (362)												\$0
Telephone (363)												\$0
Capital Outlay (450)												\$35,000
Total Charges		\$131,072		\$189,410		\$89,059		\$63,066		\$11,350		\$483,958

GU F-1-R-1-22 FY15 Sport Fish Investigations Budget Breakdown

	220 (travel)	230 (contract)	240 (supplies)	250 (equip.)	450 (cap.outlay)	Power (361)	Water (362)	Total
Project 1: Offshore Fisheries								
Travel	\$3,000							
Computer Maintenance		\$1,200						
Office Supplies			\$1,500					
Computer Supplies			\$1,200					
UPS				\$1,000				
Total	\$3,000	\$1,200	\$2,700	\$1,000				\$7,900

	220 (travel)	230 (contract)	240 (supplies)	250 (equip.)	450 (cap.outlay)	Power (361)	Water (362)	Total
Project 2: Inshore Fisheries								
Travel	\$3,000							
Fuel		\$20,000						
Aerial Surveys		\$15,000						
Vehicle Maintenance		\$6,000						
Vehicle Tires				\$2,000				
Vehicle Supplies			\$1,000					
Vehicle					\$35,000			
Desktop				\$3,500				
Power						\$8,000		
Water							\$700	
Total	\$3,000	\$41,000	\$1,000	\$5,500	\$35,000	\$8,000	\$700	\$94,200

	220 (travel)	230 (contract)	240 (supplies)	250 (equip.)	450 (cap.outlay)	Power (361)	Water (362)	Total
Project 3: Technical Assistance								
dsl		\$500						
Divng/Snorkeling Gear				\$2,100				
Water								
Total		\$500		\$2,100				\$2,600

GU F-1-R-1-21 FY14 Sport Fish Investigations

Project 4: MPA Visual Assessment	220 (travel)	230 (contract)	240 (supplies)	250 (equip.)	450 (cap.outlay)	Power (361)	Water (362)	Total
Dive Equipment Repair		\$3,000						
SCUBA air refills								
Office Supplies				\$1,000				
Dividing Equipment								
Laptop								
Total		\$3,000	\$0	\$1,000				\$4,000

Project 5: Coordination	220 (travel)	230 (contract)	240 (supplies)	250 (equip.)	450 (cap.outlay)	Power (361)	Water (362)	Total
House keeping		7000						
Xerox		\$3,850						
Drinking water			\$500					
Total		\$10,850	\$500					\$11,350

BUDGET INFORMATION - Non-Construction Programs

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1. GU F-L-R-22 Sport Fish Investigations	15.605	\$	\$	483,958.00	\$	483,958.00
2.						
3.						
4.						
5. Totals		\$	\$	483,958.00	\$	483,958.00

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
	GU F-1-R-22 Sport Fish Investigations				
a. Personnel	\$ 255,887.00	\$	\$	\$	\$ 255,887.00
b. Fringe Benefits	88,292.00				88,292.00
c. Travel	6,000.00				6,000.00
d. Equipment	9,600.00				9,600.00
e. Supplies	4,200.00				4,200.00
f. Contractual	56,550.00				56,550.00
g. Construction					
h. Other	43,700.00				43,700.00
i. Total Direct Charges (sum of 6a-6h)	464,229.00				\$ 464,229.00
j. Indirect Charges	19,729.00				\$ 19,729.00
k. TOTALS (sum of 6i and 6j)	\$ 483,958.00	\$	\$	\$	\$ 483,958.00
7. Program Income	\$	\$	\$	\$	\$

Authorized for Local Reproduction

SECTION C - NON-FEDERAL RESOURCES				
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS
8.	\$	\$	\$	\$
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	\$	\$	\$	\$

SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	\$ 483,958.00	\$ 483,958.00	\$	\$	\$
14. Non-Federal	\$				
15. TOTAL (sum of lines 13 and 14)	\$ 483,958.00	\$ 483,958.00	\$	\$	\$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT				
(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b) First	(c) Second	(d) Third	(e) Fourth
16. Maintenance and Repairs of Fishing Platforms	\$ 483,958.00	\$	\$	\$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	\$ 483,958.00	\$	\$	\$

SECTION F - OTHER BUDGET INFORMATION	
21. Direct Charges: 464,229.00	22. Indirect Charges: 19,729.00
23. Remarks:	

ASSURANCES - NON-CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0040), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.
19. Will comply with the requirements of Section 106(g) of the Trafficking Victims Protection Act (TVPA) of 2000, as amended (22 U.S.C. 7104) which prohibits grant award recipients or a sub-recipient from (1) Engaging in severe forms of trafficking in persons during the period of time that the award is in effect (2) Procuring a commercial sex act during the period of time that the award is in effect or (3) Using forced labor in the performance of the award or subawards under the award.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL 	TITLE Director of Agriculture
APPLICANT ORGANIZATION Guam Department of Agriculture	DATE SUBMITTED 06/00/14