

INTRADEPARTMENTAL CORRESPONDENCE

REVIEWED BPC #15-008

Richard M. Tefano 3/26/15
RICHARD M. TEFANO
EXECUTIVE DIRECTOR
RECEIVED

MAR 26 2015 *AC*

March 27, 2015
1.17

TO: The Honorable Board of Police Commissioners

POLICE COMMISSION

FROM: Chief of Police

SUBJECT: TRANSMITTAL OF THE GRANT APPLICATION AND AWARD FOR THE 2014 PORT SECURITY GRANT

RECOMMENDED ACTIONS

1. That the Board of Police Commissioners (Board) REVIEW and APPROVE this report.
2. That the Board TRANSMIT the grant application and award for the 2014 Port Security Grant (PSG) Program, pursuant to Administrative Code Section 14.6(a), to the Mayor, Office of the City Administrative Officer (CAO), Office of the Chief Legislative Analyst, and to the City Clerk for Committee and City Council consideration.
3. That the Board REQUEST the Mayor and City Council to:
 - A. AUTHORIZE the Chief of Police or his designee to retroactively apply for and ACCEPT the grant award of \$1,713,135 from the Department of Homeland Security, Federal Emergency Management Agency, for the PSG Program for the period of September 1, 2014 through August 31, 2016;
 - B. AUTHORIZE the Chief of Police or his designee to negotiate and execute the Cooperative Agreement and submit any necessary documents relative to the grant award, subject to the review of the City Attorney as to form and legality;
 - C. AUTHORIZE the Controller to set up a grant receivable and appropriate \$1,713,135 to account number to be determined, within Fund No. 339, Department No. 70, for the disbursements of 2014 PSG grant funds;
 - D. AUTHORIZE the Los Angeles Police Department (LAPD) to submit grant reimbursement requests to the grantor and deposit grant receipts in Fund No. 339, Department No. 70;
 - E. AUTHORIZE the LAPD to spend up to the total grant amount of \$1,713,135 in accordance with the grant award agreement;
 - F. AUTHORIZE the Controller to transfer appropriations from Fund No. 298, Department No. 70, of the MICLA appropriation account number 70L735, to Fund No. 339, Department No. 70, 2014 Port Security Grant and amount as follows:

Equipment (C.O.D.E.). The Aqualung C.O.D.E. is a compact oxygen diving system used by military and police agencies throughout the world. It has many advantages over the Draeger LAR-V system and has upgraded and more modern critical parts. The system is lighter in weight and has a low work of breathing, which reduces stress on the diver. It can be chest or back mounted and allows the diver to wear the UBA based upon a specific profile. Additionally, Aqualung is located in Vista, California, which would allow for local technical support and maintenance. This funding will also upgrade UDU's 10-year-old wetsuits and communication system. The 25% match of \$69,133 will be donated by the Los Angeles Police Foundation.

d. LAPD Port Security and Trade Resumption Training Exercises Program

The LAPD will utilize the \$474,720 grant funding to pay for overtime of department personnel to design, deliver and evaluate port security measures in the Los Angeles/Long Beach Port Complex. This continues the 2013 PSG Grant Program that delivered both risk mitigation and trade resumption exercises to the Ports of Los Angeles and Long Beach. The TWB, Hazardous Materials Unit and Hazardous Devices Unit provide crucial and singular response capabilities within the port. LAPD Operations-South Bureau provides the bulk of the City's manpower and logistical support in the event of an emergency response within the port complex. The exercising of these response capabilities and their synergy with each jurisdictional partner is what the training exercises will focus on, as well as to test the unified commands' strategic decision making process, staff procedures, tactical response, and employment of security zones, underwater dive operations, logistical forecasts and resiliency measures. LAPD will be utilizing in-kind funds, totaling \$158,351 in the form of LAPD salaries.

If you have any questions regarding this transmittal, please contact Chief Information Officer Maggie Goodrich, Commanding Officer, Information Technology Bureau, at (213) 486-0370.

Respectfully,



CHARLIE BECK
Chief of Police

Attachments

BOARD OF
POLICE COMMISSIONERS
Approved 
Secretary March 31, 2019

TRANSFER FROM:

<u>Fund/Dept</u>	<u>Acct.</u>	<u>Title</u>	<u>Amount</u>
298/70	70L735	MICLA	\$ 312,422

TRANSFER TO:

<u>Fund/Dept</u>	<u>Acct.</u>	<u>Title</u>	<u>Amount</u>
339/70	TBD	2014 Port Security Grant	\$ 312,422

- G. INSTRUCT the City Clerk to place on the City Council agenda on July 1, 2015, or the first meeting day thereafter the following instructions:

AUTHORIZE the Controller to increase appropriations from Fund No. 339, Department No. 70, 2014 Port Security Grant, to Fund No. 100, Department No. 70, account number and amount as follows:

TRANSFER FROM:

<u>Fund/Dept</u>	<u>Acct.</u>	<u>Title</u>	<u>Amount</u>
339/70	TBD	2014 Port Security Grant	\$ 484,720

TRANSFER TO:

<u>Fund/Dept</u>	<u>Acct.</u>	<u>Title</u>	<u>Amount</u>
100/70	001092	Overtime Sworn	\$ 484,720

- H. AUTHORIZE the LAPD to prepare Controller Instructions for any technical adjustments, subject to the approval of the CAO, and AUTHORIZE and INSTRUCT the Controller to implement the instructions.

DISCUSSION

The PSG program provides financial assistance to state and local agencies as well as private sector partners to improve port-wide maritime security risk management; enhance domain awareness; support maritime security training and exercises; and maintain or reestablish maritime security mitigation protocols that support port recovery and resiliency capabilities. The grant allocates \$1,133,255 for equipment, \$484,720 for sworn overtime, and \$95,160 for other costs. The grant award requires a 25% match, totaling \$571,156. The LAPD will utilize the entire grant award for the following projects:

	Project	Total Project Cost	Grant Amount	Match Amount/ Source
a.	LAPD Harbor Area Multi-Interagency Fiber Optic Cable Connectivity	\$125,000	\$93,750	\$31,250 LAPD Communication Service Account
b.	LAPD Microwave Downlink Upgrade	\$1,249,688	\$937,266	\$312,422 MICLA Funds
c.	LAPD Tactical Waterborne and	\$276,532	\$207,399	\$69,133

	Underwater Dive Unit			Los Angeles Police Foundation Donation
d.	LAPD Port Security and Trade Resumption Training Exercises Program	\$633,071	\$474,720	\$158,351 LAPD Salaries
	TOTAL	\$2,284,291	\$1,713,135	\$571,156

a. LAPD Harbor Area Multi-Interagency Fiber Optic Cable Connectivity

The LAPD will use \$83,750 of the grant funds to complete a fiber optic connectivity between LAPD, Long Beach Police Department, Port of Los Angeles, Port of Long Beach, United States Coast Guard, as well as LAPD Emergency Operations Center, LAPD Administration Building, LAPD South Bureau, LAPD 77th Station, Los Angeles Fire Department, and the Los Angeles County Sheriff's Department. This project will enable shared capability to view security camera and video feeds from Los Angeles and Long Beach ports, allowing for real time monitoring and situational awareness, to give decision makers within each agency/department an up-to-date intelligence. Funding in the amount of \$10,000 will pay for the overtime work of a Lieutenant II, who will be managing the project. The LAPD will allocate \$31,250 from its Communication Services account for the matching funds.

b. LAPD Microwave Downlink Upgrade

The \$937,266 grant funding will enhance LAPD's air support to law enforcement operations. It will outfit one aircraft with a new hi-definition camera, microwave downlink system and Churchill Navigation. One additional aircraft will be outfitted with the downlink system and Churchill Navigation. The microwave downlink system transmits encrypted images from an aircraft to fixed or portable receivers. The Churchill Navigation overlays data, e.g., street names and directions on top of the live video feed being transmitted. Matching funds from the Municipal Improvement Corporation of Los Angeles (MICLA) funds in the amount of \$312,422 will supplement the project.

c. LAPD Tactical Waterborne and Underwater Dive Unit

Grant funding in the amount of \$207,399 will be utilized to purchase equipment for the LAPD SWAT Tactical Waterborne (TWB) and Underwater Dive Unit (UDU) cadre. These units are dedicated to maritime operations in the Port of Los Angeles. They are currently using the Draeger LAR V Underwater Breathing Apparatus (UBA), which is a pure oxygen closed circuit UBA allowing clandestine method of diving (i.e. no bubbles). Although this system has been the backbone for clandestine dive operations for the U.S. Navy Special Warfare for many years, the Navy has tested and is currently transitioning to the Aqualung Compact Oxygen Diving

INTRADEPARTMENTAL CORRESPONDENCE

March 9, 2015
1.17

TO: Chief of Police

FROM: Chief Information Officer, Information Technology Bureau

SUBJECT: TRANSMITTAL OF THE GRANT APPLICATION AND AWARD FOR THE 2014 PORT SECURITY GRANT

Attached for your review and approval is a transmittal to accept the grant application and award for the 2014 Port Security Grant (PSG) Program. The Los Angeles Police Department (LAPD) has been awarded \$1,713,135 by the Department of Homeland Security, Federal Emergency Management Agency, for the PSG Program. The grant period is from September 1, 2014 through August 31, 2016.

The PSG program provides financial assistance to state and local agencies as well as private sector partners to improve port-wide maritime security risk management; enhance domain awareness; support maritime security training and exercises; and maintain or reestablish maritime security mitigation protocols that support port recovery and resiliency capabilities. The grant allocates \$1,133,255 for equipment, \$484,720 for sworn overtime, and \$95,160 for other costs. The grant award requires a 25% match, totaling \$571,156. The LAPD will utilize the entire grant award for the following projects:

	Project	Total Project Cost	Grant Amount	Match Amount/ Source
a.	LAPD Harbor Area Multi-Interagency Fiber Optic Cable Connectivity	\$125,000	\$93,750	\$31,250 LAPD Communication Service Account
b.	LAPD Microwave Downlink Upgrade	\$1,249,688	\$937,266	\$312,422 MICLA Funds
c.	LAPD Tactical Waterborne and Underwater Dive Unit	\$276,532	\$207,399	\$69,133 Los Angeles Police Foundation Donation
d.	LAPD Port Security and Trade Resumption Training Exercises Program	\$633,071	\$474,720	\$158,351 LAPD Salaries
	TOTAL	\$2,284,291	\$1,713,135	\$571,156

Chief of Police

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1.17

If you have any questions, please have a member of your staff contact Senior Management Analyst Stella Larracas, Officer in Charge, Grants Section, at (213) 486-0380.

A handwritten signature in black ink, appearing to read 'MAGGIE', with a large, sweeping flourish extending to the right.

MAGGIE GOODRICH, Chief Information Officer
Commanding Officer
Information Technology Bureau

Attachments

Grant Application Package

Opportunity Title:	Fiscal Year (FY) 2014 Port Security Grant Program (PSGP)
Offering Agency:	Department of Homeland Security - FEMA
CFDA Number:	97.056
CFDA Description:	Port Security Grant Program
Opportunity Number:	DHS-14-GPD-056-000-01
Competition ID:	
Opportunity Open Date:	03/18/2014
Opportunity Close Date:	05/23/2014
Agency Contact:	Centralized Scheduling and Information Desk AskCSID@fema.gov 800-368-6498

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 \(SF-424\)](#)

[Grants.gov Lobbying Form](#)

Optional

[Attachments](#)

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

*** 1. Type of Submission:**

- Preapplication
- Application
- Changed/Corrected Application

*** 2. Type of Application:**

- New
- Continuation
- 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:

8. APPLICANT INFORMATION:

*** a. Legal Name:**

City of Los Angeles

*** b. Employer/Taxpayer Identification Number (EIN/TIN):**

956000735

*** c. Organizational DUNS:**

0378480120000

d. Address:

*** Street1:**

100 West First Street Suite 842

Street2:

*** City:**

Los Angeles

County/Parish:

*** State:**

CA: California

Province:

*** Country:**

USA: UNITED STATES

*** Zip / Postal Code:**

90012-4112

e. Organizational Unit:

Department Name:

Los Angeles Police Department

Division Name:

Information Technology Bureau

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

Prefix:

Mrs.

*** First Name:**

Nichole

Middle Name:

*** Last Name:**

Trujillo

Suffix:

Title: Management Analyst II

Organizational Affiliation:

*** Telephone Number:**

(213) 486-0385

Fax Number:

(213) 486-5727

*** Email:**

n3362@lapd.lacity.org

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

C: City or Township Government

Type of Applicant 2: Select Applicant Type:
[Empty field]

Type of Applicant 3: Select Applicant Type:
[Empty field]

* Other (specify):
[Empty field]

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

Department of Homeland Security - FEMA

11. Catalog of Federal Domestic Assistance Number:

97.056

CFDA Title:
Port Security Grant Program

*** 12. Funding Opportunity Number:**

DHS-14-GPD-056-000-01

* Title:
Fiscal Year (FY) 2014 Port Security Grant Program (PSGP)

13. Competition Identification Number:

[Empty field]

Title:
[Empty field]

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

[Empty field]

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

Port Security & Trade Resumption Training Program: \$633,054
Harbor Fiber Optic Cable: \$125,000
Microwave Downlink: \$1,250,000
Underwater Dive Unit Equipment: \$276,532

Attach supporting documents as specified in agency instructions.

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="1,713,439.00"/>
* b. Applicant	<input type="text" value="571,147.00"/>
* 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="2,284,586.00"/>

*** 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 in attachment.)**

- Yes
- No

If "Yes", provide explanation and attach

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:

CERTIFICATION REGARDING LOBBYING

Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his or her knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," in accordance with its instructions. Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

* APPLICANT'S ORGANIZATION	
City of Los Angeles	
* PRINTED NAME AND TITLE OF AUTHORIZED REPRESENTATIVE	
Prefix:	* First Name: Charlie Middle Name:
* Last Name: Beck	Suffix:
* Title: Chief of Police	
* SIGNATURE: Completed on submission to Grants.gov	* DATE: Completed on submission to Grants.gov

FY 2014 PORT SECURITY GRANT PROGRAM (PSGP)

LAPD Harbor Area Multi-Interagency Fiber Optic Cable Connectivity

Investment Heading	
Port Area	Los Angeles
State	California
Applicant Organization	Los Angeles Police Department
Investment Name	LAPD Harbor Area Multi-Agency Fiber Optic Cable Connectivity
Investment Amount	\$125,000.00

I. Background

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<ul style="list-style-type: none"> <p>• Area of Operations: The Los Angeles Police Department, Harbor Area, with other local and federal partners is responsible for the safety and security of the Port of Los Angeles and its surrounding critical infrastructure.</p> <p>Identify COTP Zone – Los Angeles Port Complex Identify eligible port area – Port of Los Angeles Location of project - Port of Los Angeles</p> <p>• Point(s) of contact for organization (include contact information): Lieutenant II Jeffrey Pallet, LAPD Harbor Area, Cell No. (213) 359-2855 Lieutenant I Tim Kalkus, LAPD Southeast Area, Cell No. (714) 287-75054.</p> <p>• Ownership or Operation: The Los Angeles Police Department is directly responsible for law enforcement operations within Harbor Area which includes the Port of Los Angeles.</p> <p>• Role in providing layered protection of regulated entities (applicable to State or local agencies, consortia and associations only): The Los Angeles Police Department, Harbor Area, with other local and federal partners is responsible for the safety and security of the Port of Los Angeles and its surrounding critical infrastructure. Recognizing the importance of these critical partnerships, previous grants allocated the framework and funding to enable the sharing/viewing of security camera feeds and video from existing security cameras in both the Los Angeles and Long Beach ports. The agencies with this designated shared capability are the Ports of Los Angeles (POLA)/Long Beach (POLB), the Los Angeles Police Department (LAPD), the Long Beach Police Department (LBPD), and the United States Coast Guard (USCG).</p> <p>To enable this shared capability, funding had been allocated for multi-agency fiber-optic cable connectivity between the above described agencies so each agency would have the ability to view security camera feeds from their respective agency. This benefit would allow for real time monitoring and situational awareness to give decision makers within each department at their specific command post up to date intelligence and a timely picture of the operational environment, in addition to a built-in redundancy and layering of operations.</p> <ul style="list-style-type: none"> ○ Important features: This system will finally allow LAPD Harbor Area to have the envisioned interoperable capability with not only its port partners, but with the LAPD's Emergency Operations Center, the LAPD's Police Administration Building, the LAPD's South Bureau HQ, 77th station, the Los Angeles Fire Department and the Los Angeles County Sheriff's Department.

II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>The LAPD is requesting funding to complete a Multi-Agency Fiber-Optic Cable connectivity between the LAPD, LBPB, POLA, POLB, USCG, in addition to LAPD's Emergency Operations Center, LAPD's Police Administration Building, LAPD's South Bureau HQ, 77th station, the Los Angeles Fire Department and the Los Angeles County Sheriff's Department.</p> <p>At present, the above described multi-agency fiber cable has terminated its run just outside LAPD Harbor Station at a cable "pull-box." The funding requested is for a private contractor/vendor to bring the existing fiber optic cable into LAPD Harbor Station's server room, install and connect it to a new dedicated server. Finally, the contractor would install, connect and make operational the related support monitors, computers and equipment in the existing dedicated port monitoring center within Harbor Station to achieve the above multi-agency connections.</p>

II.B. Describe how the Investment will address one or more of the PSGP priorities and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>The security cameras that the LAPD would have access to are specifically dedicated to locations within the Ports of Los Angeles and Long Beach, and many times, are designated to have the ability to monitor Critical Infrastructure and Continuity of Operations locations within both port complexes.</p> <p>The ability of LAPD to have access and monitor these locations via the security cameras would enhance the security posture of both ports, not to mention to provide a redundancy for security and monitoring purposes thus enhancing Improvised Explosive Device (IED) and Chemical, Biological, Radiological, Nuclear, and Explosives (CBRNE) prevention, protection, mitigation, response and recovery capabilities. Additionally, this enhanced capability would be incorporated into training exercises within the port complex.</p>

III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>As previously cited, the implementation of this project would enhance and complete the LAPD's ability to monitor Critical Infrastructure and Continuity of Operations locations within both port complexes; the vast majority of these of locations being privately owned facilities.</p> <p>The ability of LAPD to have access and the ability to monitor these locations via the security cameras would enhance the security posture of both ports and of these private yet extremely critical and essential locations. The ability to be able to view the same camera feeds that the Long Beach Police Department and Los Angeles Port Police Department are viewing, not to mention the United States Coast Guard, would facilitate the response and coordination process during critical events. In addition, prevention would be another possible outcome of having the camera feed accessible and monitored by multiple departments. If suspicious activity is observed, officers can deployed, which can lead to prevention of a bigger event.</p> <p>This project fully supports the Port Wide Risk Mitigation Plan by increasing domain awareness, deterrence, and intelligence gathering capabilities by providing an accurate operational picture. Furthermore, it fully supports the Resumption and Resiliency Plan by placing the most current information in the hands of the decision makers post event. This will speed recovery operations and ensure that port wide economic functions are restored to normalcy more rapidly.</p>

III.B. Describe current capabilities similar to this Investment

Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>LAPD currently does not have the ability to have access or view and monitor the existing security cameras described within both port complexes. This project would complete the already envisioned interoperable capability of LAPD Harbor Area with not only its port partners, but with the LAPD's Emergency Operations Center, LAPD's Police Administration Building, LAPD's South Bureau HQ, 77th station, the Los Angeles Fire Department and the Los Angeles County Sheriff's Department, and thus, the region.</p> <p>This would enhance the Department and regions Maritime Domain Awareness in support of increased port-wide risk management, via enhanced IED and CBRNE prevention, protection, mitigation, response and recovery capabilities. The cameras would assist in the coordination of information sharing and response to small or large scale incidents affecting not only the Port of Los Angeles, but potentially the City of Long Beach as well by increasing domain awareness, deterrence; intelligence gathering capabilities and providing an accurate operational picture.</p> <p>This project fully supports the Resumption and Resiliency Plan by placing the most current information in the hands of the decision makers post event, enabling speeding recovery operations and ensuring that port wide economic functions are restored to normalcy more rapidly. Finally, the utilization of the camera system can easily be incorporated into training exercises in preparation for anticipated events.</p>

IV. Funding & Implementation Plan

Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format.

IV.A. Investment Funding Plan	FY 2014 PSGP Request Total	Match	Grand Total
<i>Maritime Domain Awareness</i>	\$	\$	
<i>IED and CBRNE Prevention, Protection, Response and Recovery Capabilities</i>	\$	\$	
<i>Training</i>	\$		
<i>Exercises</i>			
<i>TWIC Implementation</i>			
<i>Operational Packages (OPacks)</i>			
<i>M&A</i>			
Total	\$125,000	\$	\$

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this Investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.

Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<p>Milestone one – Receive grant funding – Sept 2014</p> <p>Milestone two – Contract placed out for Open Bidding Process – Oct – Dec 2014</p> <p>Milestone three – Choose contractor and order equipment – January 2015</p> <p>Milestone four – Receive Equipment – March 2015</p> <p>Milestone five –Installation of Fiber-Optic Cable and equipment – April-June 2015</p> <p>Milestone six – Training for officers to utilize equipment – June 2015</p> <p>Milestone seven – Reimbursement paperwork generated and submitted – August 2015</p> <p>Milestone eight – PSGP 13 Grant closed – August 2015</p>

Budget Detail Worksheet 2014 PSGP – LAPD Fiber Optic Cable

A. Personnel. N/A.

Name/Position	Computation	Cost
		\$0.00
Total Personnel		\$0.00

B. Fringe Benefits. N/A.

Name/Position	Computation	Cost
N/A		\$0.00
Total Fringe Benefits		\$0.00

C. Travel. N/A.

Purpose of Travel	Location	Item	Computation	Cost
				\$0.00
Total Travel				\$0.00

D. Equipment.

Budget Narrative:

The requested funds will be utilized to complete the Multi-Agency Fiber-Optic Cable connectivity between the Los Angeles Police Department, Port of Los Angeles, Port of Long Beach, Long Beach Police Department and the United States Coast Guard, in addition to LAPD's Emergency Operations Center, the LAPD's Police Administration Building, the LAPD's South Bureau, 77th Street Station, the Los Angeles Fire Department and the Los Angeles County Sheriff's Department.

At present, the above described multi-agency fiber cable has terminated its run just outside LAPD Harbor Station at a cable "pull-box." The funding requested is for a contractor/vendor to bring the existing fiber optic cable into LAPD Harbor Station's server room, install and connect it to a new dedicated server. Finally, the contractor would install, connect and make operational the related support monitors, computers and equipment in the existing dedicated port monitoring center within Harbor Station to achieve the above multi-agency connections.

The LAPD will utilize the city's current procurement process to hire a contractor to complete this system. The acceptance of federal funding undergoes rigorous internal scrutiny. The funding must be approved by the board of Police Commissioners, The Public Safety Committee, City Council and Mayors Office. Once funding is approved, the department will generate an intricate specification document to be posted on the city website and an open bidding process will be initiated. Once a final bid is accepted, the city will enter into a contract with a private contractor to complete the project.

Generic Project Specifications:

Conduit from Port Of LA cable vault to LAPD Harbor Station	\$40,000
Fiber optic cable into the LAPD Harbor Building	\$20,000
Network equipment	\$35,000
LA City General Services Division (GSD) or Facilities Management Division (FMD)'s consultants to design a permitted underground construction	\$20,000
Total	\$115,000.00

Item	Computation	Cost
Multi-Agency Fiber Optic Cable	See Narrative	\$115,000.00
Total Equipment		\$115,000.00

E. Supplies. N/A.

Supply Items	Computation	Cost
		\$0.00
Total Supplies		\$0.00

F. Consultants/Contracts. N/A.

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and estimated time on the project.

Budget Narrative: N/A

Name of Consultant	Service Provided	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Consultant Expenses: List all expenses to be paid from the grant to the individual consultant in addition to their fees (i.e., travel, meals, lodging, etc.)

Budget Narrative: N/A

Item	Location	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Contracts: Provide a description of the product or services to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. Any sole source contracts must follow the requirements set forth in 44 CFR Section 13.36.

Budget Narrative: N/A.

Item	Cost
	\$0.00
Subtotal – Contracts	\$0.00

Total Consultants/Contracts \$0.00

G. Other Costs.

Budget Narrative:

Overtime for the project manager (Harbor Area Port Operations Lieutenant) to supervise and monitor the project is required to ensure continuity of operations and completion during this project cycle.

Description	Computation	Cost
Overtime - (1) Lt. II – Project Manager	\$97/hour x 103 hours	\$10,000
Total Indirect Costs		\$10,000

H. Indirect Costs. N/A.

Description	Computation	Cost
N/A		\$0.00
Total Indirect Costs		\$0.00

Budget Summary - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel	\$0.00	\$0.00
B. Fringe Benefits	\$0.00	\$0.00
C. Travel	\$0.00	\$0.00
D. Equipment	\$83,750.00	\$31,250.00
E. Supplies	\$0.00	\$0.00
F. Consultants/Contracts	\$0.00	\$0.00
G. Other	\$10,000.00	\$0.00
H. Indirect Costs	\$0.00	\$0.00

Total Requested Federal Amount	Total Non-Federal Amount
\$93,750.00	\$31,250.00
Combined Total Project Costs	
\$125,000.00	

FY 2014 PORT SECURITY GRANT PROGRAM (PSGP)

LAPD Microwave Downlink Upgrade

Investment Heading	
Port Area	Los Angeles
State	California
Applicant Organization	Los Angeles Police Department
Investment Name	Microwave Downlink Upgrade with Forward Looking Infra-Red and Churchill
Investment Amount	\$1,249,688

I. Background

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<ul style="list-style-type: none"> • Area of Operations: The Los Angeles Police Department (LAPD) Air Support Division (ASD) is responsible for supporting the Los Angeles Harbor Department and federal enforcement entities with air support throughout the City of Los Angeles and the Los Angeles Port Complex. Air Support Division (ASD) is a specialized division within LAPD that supports all police operations and public service affecting the City of Los Angeles. • Point of contact for organization: Officer Cole Burdette, Los Angeles Police Department, Air Support Division, 555 Ramirez St Space 475 Los Angeles, CA 90012. (909) 573-3868 26440@lapd.lacity.org • Ownership or Operation: The Los Angeles Police Department is directly responsible for aerial law enforcement in support of security operations throughout the Port of Los Angeles and is the primary agency of jurisdiction for air operations in the Port of Los Angeles. • Role in providing layered protection of regulated entities (applicable to State or local agencies, consortia and associations only): The Los Angeles Police Department (LAPD) provides air support to law enforcement operations in the City of Los Angeles including the Port of Los Angeles. We are the largest municipal airborne law enforcement unit in the United States and have been in continuous operation since 1956. We are a completely self-sustained operation that is fully staffed and internally trained. The City of Los Angeles, General Services Department, provides all maintenance and fuel services to sustain our 24 hour a day operation. We log over 18,000 flight hours a year in support of public safety. Our flights include, but are not limited to, Air Support to Regular Operations (ASTRO) in support of patrol, surveillance, infrastructure inspection/protection and post event assessment following any natural disaster or terrorist event. We fly both routine and scheduled flights daily in the Port of Los Angeles. <ul style="list-style-type: none"> • Important features: Air Support Division is a vital and critical part of any high-profile or large scale tactical response affecting the City of Los Angeles including the Port of Los Angeles and Los Angeles World Airport. Air Support Division (ASD) uses a microwave downlink system to transmit encrypted images from our aircraft which can then be received from fixed, portable, vehicle and vessel mounted receivers that are deployed as needed. There were previously two components in the down-link system; a camera and a downlink transmitter. A third component is now available, through Churchill Navigation, which significantly expands current capabilities. Air Support Division has worked with Churchill Navigation to create a system for organizing, tracking and reporting critical infrastructure inspections. This can be used along with Churchill's Augmented Reality System (ARS) which overlays data on top of live video. Most importantly the downlink, camera system and Churchill work together as a complete system. We do not currently have a sufficient number of hi-definition camera systems and need to expand our current capabilities with this purchase. The visual and thermal images, from an airborne perspective, give ASD the unique ability to patrol very large areas that are difficult, time consuming or impractical to inspect using other means. Patrols can be completed by flying low altitude for high visibility to create a deterrent or from high-altitude completing the same assessment while covert. The addition of the Churchill System will allow us to better organize, track, and report the results of these inspections pre or post event.

For many years ASD has used its Airborne Disaster Assessment Plan (ADAP) to inspect and report the condition of the City of Los Angeles and Port to City leaders. Churchill is creating a modernized version of ADAP to our specifications. This new feature allows us to efficiently inspect, organize and report the results of these inspections real-time through the downlink along with live video.

Identify COTP Zone – Los Angeles Port Complex
Identify eligible port area – Port of Los Angeles
Location of project - Port of Los Angeles

II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>The downlink system is deployed regularly on tactical incidents and has become a standard part of any large scale or high-profile event that impacts public safety in Los Angeles. This equipment is available for deployment upon request anywhere within the region and has been deployed in the Port of Los Angeles as needed. We also provide this service anywhere within our region as requested for mutual aid response. We fly both scheduled and routine flights in the Port of Los Angeles, port complex.</p> <p>We are currently restricted by the number of downlink systems and high-definition camera systems that we have and need the requested grant funds to expand our capabilities and offer more reliable support to the Port of Los Angeles. With only two aircraft currently outfitted with high-definition camera systems, we lose half our current resources just for routine maintenance and cannot provide adequate relief when needed for sustained support (i.e., recent active shooter at LAX required 10 hours of continuous downlink). In addition, the Churchill Navigation System offers new technology that offers many new and needed features. One of the most critical of these new features is a system to organize, track, record, and report critical infrastructure protection flights.</p>

II.B. Describe how the Investment will address one or more of the PSGP priorities and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>Maritime Domain Awareness. The expansion of our downlink system will upgrade systems on our aircraft to transmit reliably in 6.5ghz. Images from the aircraft can be viewed at the Los Angeles Port Police HQ, Harbor Station, Coast Guard, and Port of Long Beach HQ as directed by Los Angeles Port Authority. The information can also be transmitted to fallback locations such as the LAPD South Bureau HQ, 77th Station, LAPD Police Administration Building (PAB) and the Emergency Operations Center (EOC). Mobile and vehicle receivers are available for use in command vehicles and vessels operated by Port Police, LAPD, LAFD and Coast Guard. The system design will ensure compatibility with the Port of Los Angeles Police, the Los Angeles City Fire Department, Long Beach Police and Los Angeles County Sheriff's Department.</p>

III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>Patrols and inspections from the air provide a unique ability to cover large areas in a short period of time. This can be done low level for high visibility as a deterrent or from high altitude in a covert position. Using media quality high-definition cameras and thermal imaging systems even further enhances this capability. In concert with video downlink, the images are transmitted and viewed from locations up to 50 miles away and can be recorded for later review or comparison benefit. The new system will be used for increased port-wide risk</p>

management enhanced domain awareness training and exercises expansion of port recovery and resiliency capabilities as well as capabilities to prevent, detect, respond to, recover from, and mitigate attacks involving improvised explosive devices (IEDs) and other non-conventional weapons. The addition of the Churchill system and new high-definition camera will allow us new capabilities to complete video comparison flights. The new systems will make it possible to track changes for prevention efforts and better respond to post events using the comparison video. There are many neighboring components that impact Port Operations that the Helicopter, with this equipment, have the unique ability to address. The condition of the many freeways with their bridges and tunnels along with railways including the Alameda Corridor can be inspected and the condition reported back inside the Port. This is the most efficient and cost effective means to provide this overall perspective of the Port Complex.

III.B. Describe current capabilities similar to this Investment

Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	Air Support Division (ASD) uses downlink systems to transmit encrypted images from our aircraft which can then be received from several portable and vehicle mounted receivers that are deployed as needed. We are currently limited by the number of transmitters and high-definition camera systems. The downlink is best used in concert with media quality high-definition camera systems and thermal imaging cameras to provide visual images as requested to enhance situational awareness at command posts. These images provide immediate situational awareness to decision makers in any area they need to view. The new system will add the Churchill Navigation system which provides the ability to track, manage, organize and report critical infrastructure inspections. The images/data we can provide, from an airborne perspective, give ASD the unique ability to patrol very large areas that are difficult, time consuming and costly to inspect using other means. We have the option of patrolling or making infrastructure inspections from low altitude for high visibility as a deterrent or from high-altitude completing the same assessment while covert.

IV. Funding & Implementation Plan

Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format.

IV.A. Investment Funding Plan	FY 2014 PSGP Request Total	Match (Optional)	Grand Total
<i>Maritime Domain Awareness</i>			
<i>IED and CBRNE Prevention, Protection, Response and Recovery Capabilities</i>	\$937,266	\$312,422	\$1,249,688
<i>Training</i>			
<i>Exercises</i>			
<i>TWIC Implementation</i>			
<i>Operational Packages (OPacks)</i>			
<i>M&A</i>			
Total	\$937,266	\$312,422	\$1,249,688

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this Investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.

Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	Milestone one – Receive grant funding – August 2014 Milestone two – Select investment builder begin system design– October 2014 Milestone three – Begin installation on aircraft update training on use of new system– May

2015

Milestone four – Completed aircraft systems August 2015

Milestone five – Commence scheduled testing and deploy system for scenario based training with all Port entities, LAPD and LAFD– September 2015

Budget Detail Worksheet 2014 PSGP – LAPD Downlink/FLIR/Churchill

A. Personnel. N/A

Name/Position	Computation	Cost
		\$0.00
Total Personnel		\$0.00

B. Fringe Benefits. N/A

Name/Position	Computation	Cost
		\$0.00
Total Fringe Benefits		\$0.00

C. Travel. N/A

Purpose of Travel	Location	Item	Computation	Cost
				\$0.00
Total Travel				\$0.00

D. Equipment.

Budget Narrative: The Los Angeles Police Department (LAPD) Air Support Division (ASD) will be partnering with the Port of Los Angeles to upgrade our microwave downlink system. We intend to outfit one aircraft with a new hi-definition camera, down-link system and Churchill. One additional aircraft will be outfitted with a downlink system and Churchill and use an existing camera.

FLIR Star Safire 380-HDc (camera)	(1)	\$443,249.00	\$443,249.00
Aircraft Transmitters	(2)	\$51,800.00	\$103,600.00
Aircraft Antenna	(2)	\$64,350.00	\$128,700.00
<u>Aircraft Mounts and Installation Parts</u>			
Meeker down post mounts	(3)	\$9,500.00	\$28,500.00
Meeker dovetail Mount	(3)	\$3,750.00	\$11,250.00
Churchill	(2)	\$157,400.00	\$314,800.00
Taxes	9%		\$92,709.00
Total			\$1,122,808.00

Item	Computation	Cost
Down-link/FLIR/Churchill	See Narrative	\$1,122,808.00
Total Equipment		\$1,122,808.00

E. Supplies. N/A

Supply Items	Computation	Cost
		\$0.00
Total Supplies		\$0.00

F. Consultants/Contracts. N/A

Consultant Fees: For each consultant enter the name, if known, service to be provided, hourly or daily fee (8-hour day), and estimated time on the project.

Budget Narrative: N/A

Name of Consultant	Service Provided	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Consultant Expenses: List all expenses to be paid from the grant to the individual consultant in addition to their fees (i.e., travel, meals, lodging, etc.)

Budget Narrative: N/A

Item	Location	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Contracts: Provide a description of the product or services to be procured by contract and an estimate of the cost. Applicants are encouraged to promote free and open competition in awarding contracts. Any sole source contracts must follow the requirements set forth in 44 CFR Section 13.36.

Budget Narrative: N/A.

Item	Cost
	\$0.00
Subtotal – Contracts	\$0.00

Total Consultants/Contracts \$0.00

G. Other Costs.

Project management/Support	\$19,500.00
Aircraft Installation: FLIR 380 Camera System	\$28,500.00
Aircraft Installation downlink / Churchill (2) x \$31,500.00 =	\$63,000.00
Training	\$3,500.00
Shipping	\$2,600.00
Equipment performance bond	<u>\$9,780.00</u>
Total	\$126,880.00

Budget Narrative: The City of Los Angeles Department of General Services Division (GSD) provided maintenance support to all City of Los Angeles Helicopters including those operated by Police Fire and Department of Water and Power. The above costs include Helinet providing oversight, expertise and training to City of Los Angeles Department of GSD Mechanics and Avionics staff for the installation of all equipment on Air Support Division Helicopters.

Description	Computation	Cost
Project management/Support	See Narrative	\$126,880.00
Total Indirect Costs		\$126,880.00

H. Indirect Costs. N/A

Description	Computation	Cost
		\$0.00
Total Indirect Costs		\$0.00

Budget Summary - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel	\$0.00	\$0.00
B. Fringe Benefits	\$0.00	\$0.00
C. Travel	\$0.00	\$0.00
D. Equipment	\$842,106	\$280,702
E. Supplies	\$0.00	\$0.00
F. Consultants/Contracts	\$0.00	\$0.00
G. Other	\$95,160.00	\$31,720.00
H. Indirect Costs	\$0.00	\$0.00

Total Requested Federal Amount	Total Non-Federal Amount
\$937,266.00	\$312,422.00
Combined Total Project Costs	
\$1,249,688.00	

FY 2014 PORT SECURITY GRANT PROGRAM (PSGP)

LAPD TWB/UDU Dive Equipment Request

Investment Heading	
Port Area	Los Angeles
State	California
Applicant Organization	Los Angeles Police Department
Investment Name	LAPD Dive Equipment
Investment Amount	\$276,532

I. Background

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<ul style="list-style-type: none"> <p>• Area of Operations: The Los Angeles Police Department (LAPD), Operations-South Bureau (OSB), Metropolitan Division and Under Water Dive Unit (UDU) supports the Los Angeles Harbor Department and federal law enforcement entities throughout the Los Angeles Port Complex by conducting investigations, evidence recovery, tactical operations, hazardous material sweeps and dive operations. In addition, mutual aid is provided to the Long Beach Port complex.</p> <p>Identify COTP Zone – Los Angeles Port Complex Identify eligible port area – Port of Los Angeles Location of project - Port of Los Angeles</p> <p>Point(s) of contact for organization: PO 3 +1, Kelly Sandell, LAPD, Special Weapons and Tactics Unit (SWAT), Metropolitan Division, 251 E. 6th Street Los Angeles, CA 90014. (213) 972-2420. LT I Timothy Kalkus, LAPD, Southeast Div, 145 West 108th Street, Los Angeles, California, 90061. (213) 972-7828.</p> <p>• Ownership or Operation: Applicant: It is the mission of the LAPD to safeguard lives and property, reduce the incidence and fear of crime, and to enhance public safety. In the Port of Los Angeles, our mandate is to do so while working in partnership with port wide stakeholders to improve the quality of life throughout the Port of Los Angeles.</p> <p>• Role in providing layered protection of regulated entities (applicable to State or local agencies, consortia and associations only): The LAPD Metropolitan Division, SWAT Tactical Waterborne (TWB) and UDU provides layered protection to the port complex by spear-heading law enforcement activities and providing training to our regional law enforcement and emergency response partners. The LAPD initiates law enforcement activities and investigations and assists its partners in every facet of port security.</p> <p>• Important features: The Tactical Waterborne element of SWAT provides crucial and singular response capabilities within the port and surrounding areas. The requested funding will allow the department to deliver snipers to over watch and surveillance positions, the covert deployment of the radiological detection devices. It will also assist the department in its Vessel Borne Improvised Explosive Devices (VBIED) interdiction and vessel disabling missions. Moreover we will be able to attach tracking devices to vessels and facilitate vessel boarding and on-deck ingress of SWAT assets and emergency rescue equipment.</p>

II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>The LAPD SWAT TWB has a team of personnel dedicated to maritime operations in the Port of Los Angeles. This cadre is using the Draeger LAR V underwater breathing apparatus (UBA), which is a pure oxygen closed circuit UBA allowing a clandestine method of diving (i.e. no bubbles). Although this system has been the backbone for clandestine dive operations for the U.S. Navy Special Warfare for many years, the Navy has successfully tested and is currently transitioning to the Aqualung Compact Oxygen Diving Equipment (C.O.D.E). The Aqualung C.O.D.E. is a compact oxygen diving system used by premier military and police agencies throughout the world. LAPD is requesting 15 C.O.D.E systems to replace our existing antiquated units. The C.O.D.E. has many advantages over the Draeger LAR-V system. The C.O.D.E. is an upgraded system that includes current, cutting edge mechanics.. The system is lighter in weight and has a low work of breathing (WOB). This WOB means the rig breathes much easier and reduces stress on the diver. The C.O.D.E. can be chest or back mounted. This allows the diver to wear the UBA based upon the specific profile. The LAR-V is only worn on the chest and is much larger and heavier than the C.O.D.E. The C.O.D.E. also has the ability to be configured in a way that would allow for rapid deployment. Additionally, Aqualung is located in Vista, California, which would allow for local technical support and maintenance.</p> <p>Current suits have been in service over 10 years and have reached the end of their service life. The new Aqualung C.O.D.E. dry suits are needed to replace the outdated suites. The suits protect the diver from exposure to the elements, water, contaminants and are considered lifesaving equipment as they can float a diver if needed.</p>

II.B. Describe how the Investment will address one or more of the PSGP priorities and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>This Project supports Enhanced Maritime Domain Awareness by permitting LAPD TWB the ideal tool (Aqualung C.O.D.E.) to accomplish the mission in the Port of Los Angeles. Not only will it modernize TWB's closed circuit UBA inventory from the decade-old devices to a more functional piece of equipment, it would assist TWB divers with additional options for underwater radiation/nuclear detection, as well as for the deployment of tracking devices on potential narcotic and /or human trafficking vessels. With the ever-changing threats to our Port, the Aqualung C.O.D.E. is an invaluable tool that will dramatically enhance our efficiency and mission readiness with Port security and diver safety. Due to the unique challenges associated with maritime security clandestine dive operations maybe the only effective method of insertion into the Port. The C.O.D.E will enhance the Maritime Security Plan with its unique ability.</p> <p>The communication systems, our current systems are also over 10 years old and have reached the end of their service life. They are too low powered for today's operations and do not communicate with the other Port Dive Operations Groups (PDOG) agencies as they are only single channeled. The new system is significantly more powerful, is multi-channeled and compatible with other agencies. The new systems are 100% compatible with our current full face mask systems. Our current communications systems use a patch and do not work well in a variety of sea conditions. This poses a significant safety issue particularly in the black water diving the UDU routinely operates in.</p> <p>This funding will directly support units responsible for addressing Group A priority concerns to include: Risks 7, 9, 15, 16, and 20. The investment will also act as a force multiplier by addressing Group B, C and D Risks. These Risk Groups were identified and vetted in the Port Wide Strategic Risk Mitigation Plan, COTP 2014 Precept and Trade Resumption and Resiliency Plan agreed upon by the COTP and Area Maritime Security Committee (AMSC) Executive Steering Committee. This project was reviewed and vetted by the AMSC during</p>

comprehensive meetings leading up to the PSGP 2014 submission deadline. The project received the highest possible rankings (20 out of 20 possible points) from the AMSC.

III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>This project is cost-effective; The LAPD will be able to deploy and recover its tracking devices which would prevent the need for an Airship to fly surveillance, at a rate of \$700.00 an hour in fuel and staffing costs.</p> <p>The Aqualung C.O.D.E. uses less soda sorb than the Draeger LAR V which would lessen the cost per dive. Soda Sorb minerals are used to "Scrub" the oxygen system and remove the conventional "bubble signature" associated with open diving apparatus. Soda Sorb is expensive and the C.O.D.E system uses less of it than our current system.</p> <p>The Dry suits allow longer loiter times in the water and communications equipment allows for interoperability between agencies. Therefore, risks will be reduced and the need for the exchange of liaison officers on the surface reduced. The LAPD UDU is the only local agency still using the old communications equipment.</p>

III.B. Describe current capabilities similar to this Investment	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>The LAPD TWB provides the only certified SWAT diver response within the LA port complex. The Aqualung C.O.D.E. has many advantages over the Draeger LAR-V system. The C.O.D.E. is an upgraded system that includes current, cutting edge mechanics. The system is lighter in weight and has a low work of breathing (WOB). This WOB means the rig breathes much easier and reduces stress on the diver. The Aqualung C.O.D.E. can be chest or back mounted. This allows the diver to wear the UBA based upon the specific profile. The LAR-V is only worn on the chest and is much larger and heavier than the Aqualung C.O.D.E. The Aqualung C.O.D.E. also has the ability to be configured in a way that would allow for rapid deployment. Additionally, Aqualung is located in Vista, California, which would allow for local technical support and maintenance.</p> <p>The new dry suits have the ability to be fixed in the field as the neck; hood and wrist seals are interchangeable. We can stock the seals on the truck and when they break each can be changed in minutes. Therefore, a diver will not have to be taken off line due to equipment failure. The suits are Dry suits and as such the divers will stay warmer longer and will be able to continue working for longer periods of time. This will increase efficiency tremendously.</p>

IV. Funding & Implementation Plan

Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format.

IV.A. Investment Funding Plan	FY 2014 PSGP Request Total	Match	Grand Total
<i>Maritime Domain Awareness</i>	\$ 103,700	\$35,000	\$138,700
<i>IED and CBRNE Prevention, Protection, Response and Recovery Capabilities</i>	\$ 103,699	\$34,133	\$137,832
<i>Training</i>			
<i>Exercises</i>			
<i>TWIC Implementation</i>			
<i>Operational Packages (OPacks)</i>			
<i>M&A</i>			
Total	\$207,399	\$69,133	\$276,532

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this Investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.

Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<p>Milestone one – Receive grant funding – September 2014 Milestone two – Specification Sheets completed- Oct – Nov 20134 Milestone three – Contract placed out for Open Bidding process– Dec 2014 – Jan 2015 Milestone four – Assessment and Review of Bids- February 2015 Milestone five – Bid accepted and order placed- March 2015 Milestone six – Equipment inspected and accepted into inventory- May 2015 Milestone seven – Reimbursement paperwork generated and submitted- July 2015 Milestone eight – PSGP 14 Grant closed- August 2015</p>

**Budget Detail Worksheet 2014 PSGP – LAPD TWB/UDU
Dive Equipment Request.**

A. Personnel. N/A.

Name/Position	Computation	Cost
		\$0.00
Total Personnel		\$0.00

B. Fringe Benefits. N/A.

Name/Position	Computation	Cost
		\$0.00
Total Fringe Benefits		\$0.00

C. Travel. N/A.

Purpose of Travel	Location	Item	Computation	Cost
				\$0.00
				\$0.00
Total Travel				\$0.00

D. Equipment.

Budget Narrative: The requested funds will be utilized to purchase equipment for the LAPD SWAT Tactical Waterborne (TWB) and Underwater Dive Unit (UDU) cadre. These units dedicated to maritime operations in the Port of Los Angeles. This cadre is currently using the Draeger LAR V Underwater Breathing Apparatus (UBA), which is a pure oxygen closed circuit UBA allowing clandestine method of diving (i.e. no bubbles). Although this system has been the backbone for clandestine dive operations for the U.S. Navy Special Warfare for many years, the Navy has tested and is currently transitioning to the Aqualung Compact Oxygen Diving Equipment (C.O.D.E.). The Aqualung C.O.D.E. is a compact oxygen diving system used by military and police agencies throughout the world. The C.O.D.E. has many advantages over the Draeger LAR-V system. The C.O.D.E. has upgraded and modern critical parts. The system is lighter in weight and has a low work of breathing (WOB). This WOB means the rig breathes much easier and reduces stress on the diver. The C.O.D.E. can be chest or back mounted. This allows the diver to wear the UBA based upon a specific profile. The LAR-V is only worn on the chest and is much larger and heavier than the C.O.D.E. Additionally, Aqualung is located in Vista, California, which would allow for local technical support and maintenance.

(15) C.O.D.E. mod 1 UBA – 15 x \$8,100 =	\$121,500.00
(15) AQUA lung CSAV – 15 x \$2,685 =	\$40,275.00
(15) VIP Infrared strobe – 15 x \$175.47 =	\$2,632.00
(15) Petrel dive computer – 15 x \$745.60 =	<u>\$11,184.00</u>
Total	\$175,591.00

The UDU dry suits have been in service over 10 years and have reached the end of their service life. The suits protect the diver from exposure to the elements, water, contaminants, etc. and are considered lifesaving equipment as they can float a diver if needed. In addition, the new suits have the ability to be fixed in the field as the neck, hood and wrist seals are interchangeable. Therefore, a diver will not have to be taken off-line due to equipment failure. As the suits are Dry suits, the divers will stay warmer longer and will be able to continue working for longer periods of time which makes them more efficient. Our current communications system is over 10 years old and has reached the end of its service life. They are low powered and incompatible with the other PDOG agencies. The new systems have significantly more power, are multi channeled and compatible with other agencies. The current UDU communications system must use a patch and does not work well in a variety of sea conditions. This poses a safety issue especially in the black water diving the UDU routinely operates in.

(31) DUI dry suits – 31 x \$3,080.64 =	\$95,500.00
(2) Ocean Technology Systems - Communication Systems – 2 x \$2,720.50 =	<u>\$5,441.00</u>
Total	<u>\$100,941.00</u>
Grand Total	\$276,532.00

Item	Computation	Cost
C.O.D.E. LAPD TWB/UDU	See Narrative	\$276,532.00
Total Equipment		<u>\$276,532.00</u>

E. Supplies. N/A.

Supply Items	Computation	Cost
		\$0.00
Total Supplies		<u>\$0.00</u>

F. Consultants/Contracts. N/A.

Name of Consultant	Service Provided	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			<u>\$0.00</u>

H. Indirect Costs. N/A.

Description	Computation	Cost
		\$0.00
Total Indirect Costs		\$0.00

Budget Summary - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel	\$0.00	\$0.00
B. Fringe Benefits	\$0.00	\$0.00
C. Travel	\$0.00	\$0.00
D. Equipment	\$207,399.00	\$69,133.00
E. Supplies	\$0.00	\$0.00
F. Consultants/Contracts	\$0.00	\$0.00
G. Other	\$0.00	\$0.00
H. Indirect Costs	\$0.00	\$0.00

Total Requested Federal Amount	Total Non-Federal Amount
\$207,399.00	\$69,133.00
Combined Total Project Costs	
\$276,532.00	

FY 2014 PORT SECURITY GRANT PROGRAM (PSGP)

LAPD Port Security and Trade Resumption Training Exercises Program

Investment Heading	
Port Area	Los Angeles
State	California
Applicant Organization	Los Angeles Police Department
Investment Name	LAPD Port Security and Trade Resumption Training Exercises Program
Investment Amount	\$633,401

I. Background

I. Provide an overview of the port area, MTSA regulated facility, or MTSA regulated vessel	
Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<ul style="list-style-type: none"> <p>• Area of Operations: The Los Angeles Police Department (LAPD) Operations-South Bureau (OSB), Metropolitan Division and Under Water Dive Unit (UDU) supports the Los Angeles Harbor Department and federal law enforcement entities throughout the Los Angeles Port Complex by conducting investigations, evidence recovery, tactical operations, hazardous material sweeps and dive operations. In addition, mutual aid is provided to the Long Beach Port Complex.</p> <p>Identify COTP Zone – Los Angeles Port Complex Identify eligible port area – Port of Los Angeles Location of project - Port of Los Angeles</p> <p>Point(s) of contact for organization: LT Timothy J. Kalkus, LAPD, Southeast Area, 145 West 108th street, LA, CA 90061. (213) 972-7942.</p> <p>• Ownership or Operation: Applicant: It is the mission of the LAPD to safeguard lives and property, reduce the incidence and fear of crime, and to enhance public safety. In the Port of Los Angeles. The LAPD works in partnership with the Port Police to improve the quality of life of the port stakeholders throughout the Port of Los Angeles.</p> <p>• Role in providing layered protection of regulated entities (applicable to State or local agencies, consortia and associations only): The LAPD Metropolitan Division, SWAT Tactical Waterborne (TWB), UDU, Hazardous Materials Unit (HAZMAT) and Bomb Squad provide layered protection to the port complex by providing training to our regional law enforcement and emergency response partners. These units deliver and assess the capabilities, interoperability, response and contingency plans of the port wide stakeholders. Exercises will be designed to test gaps identified in the Port Wide Risk Mitigation Plan and Trade Resumption Plan.</p> <p>• Important features: The Tactical Waterborne element of SWAT, HAZMAT and Bomb Squad provide crucial and singular response capabilities within the port. Moreover, the LAPD-Operation South Bureau (OSB) will provide the bulk of the staffing and logistical support in the event of an emergency response within the port complex. The exercising of these response capabilities and their synergy with each jurisdictional partner is of paramount importance. Therefore, the LAPD proposes the implementation of a multi-year training program to test and enhance the unified commands strategic decision making process, staff procedures, tactical response, CBRNE response, employment of security zones, underwater dive operations, logistical forecasts and resiliency measures. This project supports the shift in COTP zone priorities from equipment acquisition to exercise development and training.</p>

II. Strategic and Program Priorities

II.A. Provide a brief abstract of the Investment list just ONE investment.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	The LAPD is requesting continued funding to design, develop, and deliver both risk mitigation and trade resumption exercises to the Los Angeles and Long Beach port complexes to enhance our joint homeland security protection efforts. "On the water" and "Under the water" training will be developed to hone first responder capabilities and staff functionality. Phase one will focus on strategic decision making, planning within the Incident Command System (ICS) framework and multi-jurisdictional interaction. Phase two will shift focus to mid-level supervisors and tactical response and recovery operations to include: CBRNE, Vessel Borne Improvised Explosive Device (VBIED), security zones, dive unit operations, establishment of security zones, complex counter terrorism investigations and recovery operations. Phase three will culminate with a joint Los Angeles/Long Beach Port Complex Command Post and Communications Exercise. The grant funding will support LAPD design and development costs, instructor and participant overtime This funding will ensure the LAPD and its jurisdictional partners remain on the cutting edge and integrate new technology and techniques into daily operations.

II.B. Describe how the Investment will address one or more of the PSGP priorities and Area Maritime Security Plan or COTP Priorities (how it corresponds with PRMP for Group I and II)	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	<p>This training will be designed to explore multiple issues; intelligence gathering, vetting and dissemination, external and internal communication plans, interoperability, operational planning, unified command structures and ICS fidelity. The tactical response to CBRNE, VBIED, critical infrastructure protection, environmental cleanup, evacuations, establishment of security zones and resiliency operations will be reviewed and best practices will be identified. Additionally, the training will spotlight recovery operations and resiliency plans which are often overlooked in Maritime Domain Awareness (MDA). Private sector participation and feedback has proved to be instrumental to the LAPD and will add to the port's ability to capture critical facts. This training will focus on regionalization and the integrated response called for by the Captain of the Port's 2014 Precept.</p> <p>This Project was reviewed and vetted by the AMSC during comprehensive meetings leading up to the PSGP 2014 submission deadline. It received the highest ranking across the board for: Port Centric, Strategic, and Regional Focus and PSG14 priorities; receiving a score of 80 out of 80 potential points.</p> <p>The training will address Group A priority concerns to include: Risks 7, 9, 15, 16, and 20. The investment will also act as a force multiplier by addressing Group B, C and D Risks. These risk groups were identified and vetted in the Port Wide Strategic Risk Mitigation Plan, COTP 2014 Precept and Trade Resumption and Resiliency Plan agreed upon by the COTP and Area Maritime Security Committee (AMSC) Executive Steering Committee.</p>

III. Impact

III.A. Describe how the project offers the highest risk reduction potential at the least cost.	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	The implementation of this project will significantly enhance MDA and port security by continuing to emphasize and strengthen public and private partnerships as well as partnerships between law enforcement agencies and private entities. It is cost beneficial for the LAPD and our partnering agencies as this grant will enable us to cost-effectively enhance/expand our training. It will also be cost-beneficial to our regional partners who will receive this updated, cutting-edge training from LAPD instructors at no cost.

III.B. Describe current capabilities similar to this Investment	
Response Type	Narrative
Page Limit	Not to exceed 1/2 page
Response	The LAPD has worked closely with the LA Port Police and Long Beach PD to ensure our training programs meet PSG 14 priorities and are not redundant. We do this during Port Operations Threat Reduction (POTR) and Port Dive Operations Group (PDOG) meetings. Moreover, the LAPD provides the only certified SWAT Tactical Waterborne, Hazmat and Bomb Squad divers available to respond to emergencies within the LA port complex.

IV. Funding & Implementation Plan

Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost effectiveness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment. See following section for a sample format.

IV.A. Investment Funding Plan	FY 2013 PSGP Request Total	Match	Grand Total
Maritime Domain Awareness			
IED and CBRNE Prevention, Protection, Response and Recovery Capabilities			
Training	\$237,360	\$79,340.50	\$316,700.50
Exercises	\$237,360	\$79,340.50	\$316,700.50
TWIC Implementation			
Operational Packages (OPacks)			
M&A			
Total	\$474,720	\$158,681	\$633,401

IV.B. Provide a high-level timeline, milestones and dates, for the implementation of this Investment such as stakeholder engagement, planning, major acquisitions or purchases, training, exercises, and process/policy updates. Up to 10 milestones may be provided.

Response Type	Narrative
Page Limit	Not to exceed 1 page
Response	<p>Milestone one – Receive grant funding – Sept 2014</p> <p>Milestone two – Exercise design and training calendar development – Oct-Dec 2014</p> <p>Milestone three – Security Zone/CBRNE/VBIED/ training, exercise delivery – Jan–Sept 2015</p> <p>Milestone four – Assessment and Review of training – October 2015</p> <p>Milestone five – Dive Operations/Investigations/Security Zones and Trade Resumption exercise delivery – Jan – Apr 2016</p> <p>Milestone six – Assessment and Review of training – May 2016</p> <p>Milestone seven – CPX/COMMEX – June 2016</p> <p>Milestone eight – Finalize reports and provide input to the Risk Mitigation/Trade Resumption plan – July – August 2016</p>

Budget Detail Worksheet 2014 – LAPD Port Security and Trade Resumption Training Exercises Program

A. Personnel. The Los Angeles Police Department (LAPD) will provide a 25% percent in-kind match through personnel costs involved with administering the Port Security Grant Program. The match will be the donated time by supervisors and officers working on the on the project. Specifically, a Lieutenant will oversee the entire project and anticipates dedicating 30% or .30 FTE of his time and a Sergeant and a Police Officer III will dedicate 40% or .40 to this important project both developing and implementing the training exercises.

Name/Position	Computation	Cost
Lieutenant II	\$152,510 x .30 fte	\$45,753
Sergeant II	\$141,138 x .45 fte	\$63,512
Police Officer III	\$109,814 x .45 fte	\$49,416
Total Personnel		\$158,681

B. Fringe Benefits. N/A

Name/Position	Computation	Cost
Total Fringe Benefits		

C. Travel. N/A

Purpose of Travel	Location	Item	Computation	Cost
Total Travel				

D. Equipment. N/A

Item	Computation	Cost
Total Equipment		

E. Supplies. N/A

Supply Items	Computation	Cost
Total Supplies		

F. Consultants/Contracts. N/A

Consultant Fees: N/A

Budget Narrative: No consultants or contractors will be required.

Name of Consultant	Service Provided	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Consultant Expenses: N/A

Budget Narrative:N/A

Item	Location	Computation	Cost
			\$0.00
Subtotal – Consultant Expenses			\$0.00

Contracts: N/A

Budget Narrative: N/A

Item	Cost
	\$0.00
Subtotal – Contracts	\$0.00

Total Consultants/Contracts \$0.00

G. Other Costs. N/A

Budget Narrative: The continued funding will be expended over an eighteen month period on instructor and participant overtime. The LAPD will expend and account for all funding during the operational period of the grant. No extensions will be required. The Los Angeles Police Department will utilize department personnel to design, deliver and evaluate port security measures in the Los Angeles/Long Beach Port Complex. An expert team of practitioners will develop an 18 month training calendar which focuses on the current threats identified in the Risk Mitigation Plan as well as the Trade Resumption Plan. Participants that will benefit from the training and exercises include: The Los Angeles Police Department, The US Coast Guard, Los Angeles County Sheriff's Department, Los Angeles Port Police, Federal Bureau of Investigation, Los Angeles Fire Department, Long Beach Police and Fire Departments, US Customs and Border Patrol, The Department of Homeland Security and Private Sector Terminal Operators.

Description	Computation	Cost
Overtime (1) Lt. II, LAPD Dive Unit	\$97/hour x 250 hours x 1	\$24,250.00
Overtime (1) Sgt. II, LAPD Dive Unit	\$83/hour x 250 hours x 1	\$20,750.00
Overtime (2) Sgt. II, LAPD Tactical Waterborne Unit	\$83/hour x 250 hours x 2	\$41,500.00

Overtime (1) Sgt. I, LAPD Maritime Training Center	\$80/hour x 255 hours x 1	\$20,400.00
Overtime (2) PO II, LAPD Maritime Training Center	\$60/hour x 250 hours x 2	\$30,000.00
Overtime (10) PO III, LAPD Dive Unit	\$70/hour x 250 hours x 10	\$175,000.00
Overtime (4) PO III+ 1, LAPD SWAT	\$76/hour x 250 hours x 6	\$114,000.00
Overtime (2) PO III +2, LAPD Bomb Squad	\$76/hour x 160 hours x 2	\$24,320.00
Overtime (2) PO III+1, LAPD Hazmat	\$70/hour x 175 hours x 2	\$24,500.00
Total Indirect Costs		\$474,720.00

H. Indirect Costs. N/A

Description	Computation	Cost
		\$0.00
Total Indirect Costs		\$0.00

Budget Summary - When you have completed the budget worksheet, transfer the totals for each category to the spaces below. Compute the total direct costs and the total project costs. Indicate the amount of Federal funds requested and the amount of non-Federal funds that will support the project.

Budget Category	Federal Amount	Non-Federal Amount
A. Personnel	\$0.00	\$158,681.00
B. Fringe Benefits	\$0.00	\$0.00
C. Travel	\$0.00	\$0.00
D. Equipment	\$0.00	\$0.00
E. Supplies	\$0.00	\$0.00
F. Consultants/Contracts	\$0.00	\$0.00
G. Other	\$474,720.00	\$0.00
H. Indirect Costs	\$0.00	\$0.00

Total Requested Federal Amount	Total Non-Federal Amount
\$474,720.00	\$158,681.00
Combined Total Project Costs	
\$633,401.00	