

GRANT APPLICATION SUMMARY SHEET

Grant Name: Port Security Grant Program (PSGP) 18-21
Department: OFFICE OF EMERG. MGMT.
Grantor: U.S. DEPARTMENT OF HOMELAND SECURITY
Pass-Through Grantor (If applicable):
Total Applied: \$699,285.00
Metro Cash Match: \$233,095.00
Department Contact: Drusilla L Martin
 862-5462
Status: CONTINUATION

Program Description:

The Metropolitan Government of Nashville is seeking to obtain a PSG under Enhancing Improvised Explosive Device (IED) and Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) Prevention, Response, and supporting recovery capabilities, as well as, overall Port Resilience and Recovery Capabilities. The program goal is to bolster overall Police and EMS response and recovery capabilities during both land based operations and maritime operations in day, low-light, and no-light environments in the Port of Nashville. The program seeks to incorporate the Rescue Task Force model for combined police and EMS response to active aggression incidents into the CBRNE/Transportation Security Incidents (TSI) context. In its entirety, the program establishes a new capability to the response and mitigation capabilities in the COTP Ohio Valley, Port of Nashville.

Plan for continuation of services upon grant expiration:

Maintenance will come from MNPD operating budget as needed.

APPROVED AS TO AVAILABILITY OF FUNDS: **APPROVED AS TO FORM AND LEGALITY:**

Hammond 6-14-18 nick Eke 6/15/18
 Director of Finance Date Metropolitan Attorney Date

APPROVED AS TO RISK AND INSURANCE:

BCW 6/15/18 Daniel Jones 6.18.18
 Director of Risk Management Date Metropolitan Mayor Date

Services (This application is contingent upon the approval of this application by the Metro Council).

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Application Information

Application Number

[EMW-2018-PU-APP-00063](#)

Funding Opportunity Name

Fiscal Year (FY) 2018 Port Security Grant Program (PSGP)

Funding Opportunity Number

DHS-18-GPD-056-00-01

Application Status

Pending Submission

Applicant Information

Legal Name

[Metropolitan Government of Nashville & Davidson County Mayor's Office of Emergency Management](#)

Type

Others (specify)

Division Name

Department Name

Employer Identification Number (EIN)

02-6206947

Other Organizations that share this EIN

DUNS Number

078217668

DUNS+4

0000

Applicant Congressional District

Congressional District 05, TN

Physical Address

2060 15th Avenue South
Nashville, Tennessee 37212-4404
UNITED STATES

Mailing Address

This application is contingent upon approval of the application by the Metropolitan Council.

2060 15th Avenue South
Nashville, Tennessee 37212-4404
UNITED STATES

SF-424 Information

Project Information

Project Title:
SEE ATTACHMENT
Program/Project: Congressional Districts
TN-05
Proposed Start Date:
09/01/2018
Proposed End Date:
08/31/2019
Areas Affected by Project (Cities, Counties, States, etc.):

Estimated Funding

Funding Source	Estimated Funding (\$)
Federal Funding	\$699,285.00
Applicant Funding	\$233,095.00
State Funding	\$0.00
Local Funding	\$0.00
Other Funding	\$0.00
Program Income Funding	\$0.00
Total Funding	\$932,380.00

Is application subject to review by state under the Executive Order 12372 process?

Program is not covered by E.O. 12372.

Is applicant delinquent on any federal debt?

No

Contacts

Contact Name	Email	Primary Phone Number	Contact Types
MARTIN, DRUSILLA	DRUSILLA.MARTIN@NASHVILLE.GOV	615-862-5462	Signatory Authority Primary Contact
Martin, Drusilla	drusilla.martin@nashville.gov	6158625462	Authorized Official

SF-424A

Budget Information for Non-Construction Programs

OMB Number
4040-0006
Expiration Date
06/30/2014

Burden Statement

Grant Program
Port Security Grant Program
CFDA Number

Budget Object Class	Amount
Personnel	
Fringe Benefits	
Travel	
Equipment	\$932,380.00
Supplies	
Contractual	
Construction	
Other	

Budget Category Total \$932,380.00

Budget Object Class	Amount
Total Direct Charges	\$932,380.00
Indirect Charges	
Budget Category Total	\$932,380.00

Non-Federal Resources	Amount
Applicant	\$233,095.00
State	
Other	
Total Non-Federal Resources	\$233,095.00

Income	Amount
Program Income	\$0.00

Total Budget	Amount
Federal	\$699,285.00
Non-Federal	\$233,095.00
Total Project Cost	\$932,380.00

Direct Charges Explanation
Indirect Charges Explanation

Forecasted Cash Needs (Optional)

No Forecasted Cash Needs have been entered for this application.

Future Funding Periods (Years) (Optional)

No Budget Estimates of Federal Funds Needed for the Balance of the Project have been entered for this application.

Remarks

SF-424A Budget Information - Non-Construction Programs (4040-0006)

SF-424A Budget Information - Non-Construction Programs (4040-0006)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 4040-0006. The time required to complete this information collection is estimated to average 1.8 hours per response, including the time to review instructions, search existing data resources, gather the data needed and complete and review the information collection.

If you have comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:
U.S. Department of Health & Services, OS/OCIO/PRA,
200 Independence Ave., S.W., Suite 537-H,
Washington, D.C. 20201,
Attention: PRA Reports Clearance Officer.

Agency, Total Responses, Average Burden per response in Hours, Total Burden Hours

- CNCS, 10, 4, 40
- DOI, 1274, 49/60, 1046
- DOS, 150, 5/60, 13
- EPA, 9098, 1.97, 17905
- SSA, 1400, 30/60, 700
- TREAS, 276, 1, 276
- VA, 184, 15/60, 46
- USDA, 7241, 3, 21723
- DOC, 5685, 20/60, 1895
- DOT, 50, 1.6, 80
- DHS, 150, 2, 300
- HHS, 1510, 2.64, 3998
- Total, 27028, 48022
- 48022 hrs. / 27028 = 1.8 total hours per response.

Attachments

Attached Documents	Title	Description
<u>GrantApplication.xml</u>	GrantApplication.xml	Submitted in Grants.gov
<u>AttachmentForm_1_2-ATT1-1234-FEMA FORM 89 Narratives PSGP 2018 V4.docx</u>	AttachmentForm_1_2-ATT1-1234-FEMA FORM 89 Narratives PSGP 2018 V4.docx	Submitted in Grants.gov
<u>AttachmentForm_1_2-ATT2-1235-OHVAL Nashville MGN 1 Budget (4).docx</u>	AttachmentForm_1_2-ATT2-1235-OHVAL_Nashville_MGN_1_Budget (4).docx	Submitted in Grants.gov
<u>Form GG LobbyingForm-V1.1.pdf</u>	Form GG LobbyingForm-V1.1.pdf	Submitted in Grants.gov
<u>Form SF424_2_1-V2.1.pdf</u>	Form SF424_2_1-V2.1.pdf	Submitted in Grants.gov
<u>Form AttachmentForm_1_2-V1.2.pdf</u>	Form AttachmentForm_1_2-V1.2.pdf	Submitted in Grants.gov
<u>AttachmentForm_1_2-ATT2-1235-OHVAL Nashville MGN 1 Budgeta.docx</u>	FY18 Budget Detail	Complete Budget detail for submission

Certification Regarding Lobbying

Status Pending

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:

Metropolitan Government of Nashville & Davidson County Mayor's Office of Emergency Management

Signing Authority Name:

Ms. Drusilla Lynn Martin

Signature Date:

Assurance has not been signed.

Signatory Authority Title:

Executive Administrator

I, **DRUSILLA MARTIN**, or my designee am hereby providing my signature for this application as of **06/08/2018**

SF-LLL

Disclosure of Lobbying Activities

OMB Number

0348-0046

Expiration Date

12/31/2013

Burden Statement

Status: Signed

Date Signed: 06/07/2018

Form Not Applicable to Application
No

Reporting Entity Information

Name

Address

Congressional District, if known:

Federal Department/Agency:

Federal Program Name/Description:

CDFA Number, if applicable:

Federal Action Number, if known:

Award Amount, if known:

Lobbying Registrant Information

Name

Address

Individual Performing Services Information

Name

Address

Information requested through this form is authorized by title 31 U.S.C. section 1352. This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the tier above when the transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semi-annually and will be available for public inspection. Any person who fails to file the required disclosure 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:

Metropolitan Government of Nashville & Davidson County Mayor's Office of Emergency Management

Signing Authority Name:

Drusilla Lynn Martin

Signature Date:

06/07/2018

Signatory Authority Title:

Executive Administrator

Telephone No:

615-862-5462

I, **DRUSILLA MARTIN**, or my designee am hereby providing my signature for this application as of **06/07/2018**

SF-424B**Assurances for Non-Construction Programs****OMB Number**

4040-0007

Expiration Date

06/30/2014

Burden Statement**Status** Signed**Date Signed** 06/07/2018

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.

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.

Applicant's Organization:

Metropolitan Government of Nashville & Davidson County Mayor's Office of Emergency Management

Signing Authority Name:

Drusilla Martin

Signature Date:

06/07/2018

Signatory Authority Title:

Executive Administrator

I, **DRUSILLA MARTIN**, or my designee am hereby providing my signature for this application as of **06/07/2018**

Close

Action History

10 records per page

Showing 1 to 1 of 1 entries

Search:

User	Action	Description	Date
System	Status Change	Application status updated from Pending Review to Pending Submission	06/06/2018 15:36:04:00

1

Project services(s)/Equipment Summary

2 Boats, 1 Boat Trailer, 1 UTV, 1 Submersible, 3 Diving System, 8 Dive Dry & Thermal Suits, 26 Water Rescue Protective/High Angle Kits), 6 FLIR, 1 Technical Water Rescue Kit, 108 Water Rescue Response Kits, 12 Level B Suits, 12 APR/SCBA Kits, 42 Comm Cables, 12 PPE Compatible Comm Headsets, 38 Access Tool Kits, 16 Optics, 42 IR Strobes, 2 Ballistic Shields, 6 Bomb Blankets, 1 Rescue Wall, 12 Helmets, & 2 Bomb Suits.

DESCRIBE ANY OPERATIONAL ISSUES YOU DEEM IMPORTANT TO THE CONSIDERATION OF YOUR APPLICATION (e.g., interrelationship of your operations with other eligible high-risk ports, Memorandum of Understanding (MOU) or Memorandum of Agreement (MOA), Etc.). PLEASE LIST ALL AGENCIES WITH WHOM YOU HAVE A MARITIME SECURITY MOU OR MOA.

The Metropolitan Government of Nashville and Davidson County has the lead law enforcement, EMS, and fire operational responsibilities for the county. Through existing EMA MOUs, we are subject to be deployed wherever requested through the EMA channels. We have MOUs with the Federal Bureau of Investigation, U.S. Army Corp of Engineers, Tennessee Wildlife Resource Agency (TWRA), and several MOAs with commercial businesses that cover the waterway and bank areas with patrol responsibilities. All departments under the Metropolitan Government of Nashville and Davidson County which have vessels share CI/KR patrol responsibilities with police/fire sharing response and rescue responsibilities. This project demonstrates true multi agency cooperation and will create a completely new capability by adding a National Deployable Asset in the event of a catastrophic disaster. The program is in accordance with the FEMA vision for a "Prepared and Resilient Nation" as outlined in the 2018-2022 FEMA Strategic Plan. The public safety agencies represented by this investment justification are active members of the local AMSC and are listed in the Port Risk Mitigation Plan as well as the newly developed Sector Ohio Valley RAD/NUC Detection CONOPS Plan, RND Equipment, Training, and Exercise Guidelines and the Port of Nashville Annex Detection Plan. The Port of Nashville includes many vulnerable facilities. In addition to the Old Hickory Lock/Dam, the J. Percy Priest Hydroelectric Dam is one of the most critical assets in the port and is located in the Nashville Area. The public safety agencies represented by this investment justification are responsible for early warning and detection of any threats or hazards, in addition to rapid armed response to any waterborne situation when needed. These agencies maintain water rescue, dive teams, hazardous materials response, Urban Search and Rescue, FEMA Type I SWAT Team, and a FEMA Type I FBI Accredited Bomb Squad. These capabilities are located very close and are able to deploy immediately to port events. These agencies/units provide a layered protection for the many regulated entities and critical infrastructure along the Cumberland River and its tributaries. The Metropolitan Government of Nashville and Davidson County is in the process of credentialing Special Operation Division responders with Transportation Worker Identification Credential, also known as TWIC, with some members already credentialed.

DESCRIBE YOUR ORGANIZATION'S SPECIFIC ROLES, RESPONSIBILITIES AND ACTIVITIES IN DELIVERING LAYERED PROTECTION.

Role in Layered Protection

The Metropolitan Government of Nashville and Davidson County is responsible for a multi-discipline, all hazards response to all locations within Davidson County. Primary public safety responses, within the Metropolitan Government, are delivered by the Metropolitan-Nashville Police Department and the

Nashville Fire Department. In addition to first responders, the police department provides aviation assets, Urban Search and Rescue, waterborne response assets, NIMS Level II RAD/NUC Response Package, FEMA Type I SWAT/Tactical Unit, and a FEMA Type I FBI Accredited Bomb Squad. The Nashville Fire Department provides land based EMS and fire responses, as well as waterborne capabilities such as suppression, search and rescue, and hazardous materials responses. These public safety agencies represented by this investment justification are active members of the AMSC and are listed in the Port Risk Mitigation Plan. The Port of Nashville encompasses a multitude of critical facilities that are subject to transportation security incidents. Among the most critical assets in the Nashville area include the Old Hickory Lock/Dam and J. Percy Priest Hydroelectric Dam. As the need arises these agencies are tasked with both rapid armed intervention and emergency medical response to any maritime security threat incident. These agencies also maintain water rescue, dive teams, and hazardous materials response. These capabilities are located in close proximity to Port of Nashville access points throughout Davidson County and are able to deploy immediately upon request or as emergencies develop. These agencies provide a layered protection for many regulated entities and critical infrastructure as listed:

1. Music Valley Landing
2. Old Hickory Lock and Dam
3. J. Percy Priest Hydroelectric Dam
4. Metro Water Services processing facilities
5. Cumberland River Railroad Turn Bridge
6. Cumberland River Railroad Bridge
7. N&W Railroad Turn Bridge
8. Silliman Evans Bridge
9. Interstate 65 Bridge over Cumberland River
10. Nashville, TN - Capital of Tennessee
11. Port of Nashville
12. General Jackson Showboat
13. Nissan Stadium
14. Ascend Amphitheater
15. Cherokee Marine Terminal

SUMMARIZE THE PROPOSED INVESTMENT JUSTIFICATION.

THE FOLLOWING MUST BE INCLUDED:

- DESCRIBE HOW THIS INVESTMENT ADDRESSES THE CAPTAIN OF THE PORT'S PRIORITIES
- EXPLAIN HOW THIS INVESTMENT WILL ACHIEVE A MORE SECURE AND RESILIENT PORT AREA
- IDENTIFY ASSETS BEING REQUESTED
- IDENTIFY SIMILAR ASSETS THAT ALREADY EXIST

Proposed Investment Justification

The Metropolitan Government of Nashville is seeking to obtain a PSG that addresses priorities in the areas of enhancing maritime domain awareness, enhancing improvised explosive device (IED) and Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) prevention, protection, response, and supporting recovery capabilities; port resiliency and recovery capabilities; and training and exercises. The investment seeks to establish a far reaching new capability to response and mitigation capabilities within the Port of Nashville. The investment implementation will greatly enhance the integrated police and EMS response and recovery capabilities during both land and maritime operations in daytime, low-light, and no-light environments. The requested equipment will provide the necessary resources to incorporate the Rescue Task Force Model for combined police and EMS responses to incidents of active aggression in the CBRNE/Transportation Security Incident (TSI) context. The RTF concept mitigates provider risk by using procedures, training, and protective equipment, while providing rapid stabilization, treatment, and evacuation of the wounded despite hazardous conditions that would otherwise delay treatment. This includes training emergency responders on quick initial medical assessments and to provide life-saving interventions at the point of wounding or injury. Distinct phases associated with the Rescue Task Force Concept include 1. Police rapidly extricate and escort victims to a safe area where EMS provide medical aid. 2. Police secure the area and provide life-saving interventions at the point of wounding. 3. Police secure or clear the area and bring in RTF medics under the force protection model. Nashville police, EMS, and fire have purchased necessary protective equipment and water safety devices to implement the concept across agencies. To implement this equipment partners have conducted and will continue to conduct joint training exercises to further develop capabilities as it relates to dynamic scenarios where violence and the risk of casualties are ongoing and the need for emergency medical services is requested. Based upon these concepts and the potential benefits recognized during actual scenarios, this investment proposes procuring the necessary equipment to establish a multi-layered Maritime Rescue Task Force Concept. In response to a CBRNE or TSI event with the potential for mass casualties the first layer of response (phase1) mobilizes personnel who often find themselves without necessary equipment. From a life safety standpoint we are requesting funding for PFD life safety equipment with accessories and hand tools to provide responders with basic needs to safely operate and intervene in the most expedient manner within the Port of Nashville. As in any large scale event, specialized units and capabilities are needed beyond initial intervention, in particular, when IED and/or CBRNE threats have been identified. The requested dive related equipment will assist in adding a new capability of an underwater CBRNE - Hazmat/Explosive mitigation capability that we are currently building for the port. In the second phase of a Maritime Rescue Task Force, these specialized units require further equipment funding to secure the area and provide life-saving interventions; in any conditions at the actual point of wounding or injury. Critical incidents are dynamic and rapidly evolving with changing threat levels. The Maritime RTF would utilize utility terrain vehicles and additional watercraft to transport personnel, baskets for victim extraction, and any tools needed to extricate victims or mitigate hazards. The possibility of power (light) interruptions combined with the remote nature of many locations within the Port of Nashville, the ability to visually identify and locate individuals, vessels, or waterfront locations in any light environment is critical to effective prevention, response, and recovery operations in an IED or CBRNE environment. For individual personnel (FEMA Type I Tactical/SWAT, FEMA Type I FBI Accredited Bomb Squad, Hazardous Materials, Water Rescue, etc.) all hazards approach to PPE and the regular update to PPE with available technology is essential to

maintaining a response and resilience posture within the Port of Nashville. This investment seeks to make improvements to existing PPE standards, enhance communication capability in various environments, and add field tested equipment to repair/replace currently issued equipment that has/will reach the end of its service life at time of the investment request. The included equipment in this investment encompasses personal and portable ballistic/explosive protection for team members that dismount vehicles and proceed into areas inaccessible to vehicles. Maritime RTF incidents necessitate the ability to respond from land (shore) as well as from the water using vessels and UTVs. The investment, therefore, requests funding to extend and replace current maritime response capabilities through improved technology and to supplement current field tested equipment that is at or near the end of its service life. The public safety agencies of the Metropolitan Government have conducted and continue to plan joint training exercises to exercise best practices for response within Davidson County and specifically in the COTP zone. The Maritime RTF proposal is based on valuable knowledge from these exercises and seeks to obtain the equipment to implement a progressive program and ensure its success.

DESCRIBE HOW, AND THE EXTENT THIS INVESTMENT JUSTIFICATION MEETS ONE OR MORE OF THE NATIONAL PRIORITIES.

THE FOLLOWING MUST BE INCLUDED:

- HOW THIS INVESTMENT ADDRESSES VULNERABILITIES IDENTIFIED WITHIN AN AREA MARITIME SECURITY PLAN, FACILITY SECURITY PLAN, VESSEL SECURITY PLAN, OR OTHER IDENTIFIED PLAN(S).

National Priorities:

The proposed investment meets the outlined national priorities of a "Secure and Resilient Nation" with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from the threats and hazards that pose the greatest risk. From a whole port perspective, this investment adds new capabilities and enhances existing capabilities of the emergency services providers within the Port of Nashville and for the COTP Ohio Valley Sector. The capabilities include threat interdiction prior to casualties, protect further loss of life during an incident, mitigation of threats (individual aggressors/CBRNE/IED), and the ability of emergency services to provide continued services in the recovery phase of Transportation Security Incidents and other catastrophic disasters with the potential for mass casualties. The investment specifically addresses vulnerabilities outlined in the Ohio Valley 2013 Area Maritime Security Assessment Report as included in the 2014 COTP Ohio Valley Area Maritime Security Plan. The most probable Transportation Security Incident scenario is the use of a Certain Dangerous Cargo Barge to attack a high density population area. This vulnerability is a concern in the Port of Nashville due to the high number of residents moving into the riverfront and river adjacent areas within the port. Estimates indicate a population growth for our region to exceed 2 million residents by 2020 with many population centers along the Cumberland River. New major mixed

residential/commercial properties are being planned or built along the banks of the Cumberland River. This investment enhances the capability to provide an armed response to vessels that present a threat, waterborne capabilities to interdict such vessels, and the CBRNE capabilities to mitigate the hazards presented by the contents of the CDC Barges. The AMSP also identifies one of the most probable TSI(s) is from a vessel borne IED to attack spectators during a large marine event. The Port of Nashville is particularly vulnerable to this type of attack due to the high number of large scale events situated on the Cumberland River. Some of the largest events in this category include the 4th of July Celebration, CMA Music Festival, New Year's Eve celebration, NFL games, baseball games, and concerts at the venues adjacent to the river. Many of the events have 75-150K or more attendees. This investment enhances the existing capabilities to respond to threats before casualties occur, but introduces new capabilities to respond to and recover from mass casualty events. This is accomplished by increasing the distance and type terrain where tactical and medical personnel can be transported to provide life-saving care at the point of wounding or injury. Finding and treating patients could be done in concert with efforts to extricate victims to a casualty collection point where a secondary triage, treatment, and transport can be provided. A third vulnerability assessed is the threat of a high jacked vessel or IED attack of a large passenger vessel. The Port of Nashville hosts large numbers of tourists that board large passenger vessels such as the General Jackson. Equipment proposed in the investment addresses this vulnerability. Our FEMA Type I Tactical/SWAT team and FEMA Type I FBI Accredited Bomb Squad conduct regular training to develop the tactics, techniques, and procedures to integrate the two teams when responding to both armed and explosive threats as a combined element. This investment is requesting related equipment to support the training and expansion of this response capability and the enhancement of equipment for the purpose of life safety and survivability of team members. An additional vulnerability that falls into IED category is the possibility of an IED to destroy a waterfront facility to create a major environmental incident, or mass casualty event. The investment needs, as stated above, apply to this scenario and further addresses the capability to respond to, mitigate the loss of life, and assist in recovery operations should the facility be compromised. Combined police/EMS waterborne capabilities and rescue equipment would greatly reduce the loss of life in such an occurrence. The emergency service providers of the Metropolitan Government of Nashville and Davidson County regularly conduct training exercises with public safety partners to include U.S. Coast Guard, OEM, and TEMA, all of which would benefit from the increased capabilities in this investment. Nashville Police, Fire, EMS have also conducted department wide training individually and jointly that specifically address the need for small unit level entry/rescue training while providing medical attention to victims. This training has been in the active aggressor context, while this investment proposes the development of the capability to implement the same concepts as a Maritime Rescue Task Force in the context of the Port of Nashville and the greater Ohio Valley COTP zone. Approximately four years ago the Metropolitan Government of Nashville identified a large vulnerability in its mass gatherings in the port area. Since Nashville routinely lists as a top destination for conventions and special events, Nashville has devoted significant resources in personnel, training hours, funds, equipment, and technologies to enhance its deterrence, detection, prevention, response, and mitigation of this vulnerability. Nashville has used its own funds to train its 1500 officers and 300 Nashville Fire EMTs on responses to active shooter and rescue task force situations. All of these first responders have been issued personal floatation devices, level IV ballistic plate carriers, ballistic helmets, water rescue throw bags, and medical supplies. The awarding of the

grant will ensure we properly enhance the program of integrated police and EMS responses and recovery capabilities, during both land and maritime operations, in daytime, low-light, and no-light environments by providing the necessary resources to completely incorporate the Rescue Task Force Model for the police and EMS who are responding to incidents of active aggression in the Port of Nashville.

FY 2018 PORT SECURITY GRANT PROGRAM (PSGP) Budget Detail Worksheet

Purpose: The Budget Detail Worksheet may be used as a guide to assist applicants in the preparation of the budget and budget narrative. You may submit the budget and budget narrative using this form or in the format of your choice (plain sheets, your own form, or a variation of this form). However, all required information (including the budget narrative) must be provided. Any category of expense not applicable to your budget may be deleted.

A. Personnel. List each position by title and name of employee, if available. Show the annual salary rate and the percentage of time to be devoted to the project. Compensation paid for employees engaged in grant activities must be consistent with that paid for similar work within the applicant organization.

Name/Position	Computation	Cost
Total Personnel		\$0

B. Fringe Benefits. Fringe benefits should be based on actual known costs or an established formula. Fringe benefits are for the personnel listed in budget category (A) and only for the percentage of time devoted to the project.

Name/Position	Computation	Cost
Total Fringe Benefits		\$0

C. Travel. Itemize travel expenses of project personnel by purpose (e.g., staff to training, field interviews, advisory group meeting, etc.). Show the basis of computation (e.g., six people to three-day training at \$X airfare, \$X lodging, \$X subsistence). In training projects, travel and meals for trainees should be listed separately. Show the number of trainees and unit costs involved. Identify the location of travel, if known. Indicate source of Travel Policies applied: Applicant or Federal Travel Regulations.

Purpose of Travel	Location	Item	Computation	Cost
Total Travel				\$0

D. Equipment. List non-expendable items that are to be purchased. Non-expendable equipment is tangible property having a useful life of more than one year. (Note: Organization's own capitalization policy and threshold amount for classification of equipment may be used). Expendable items should be included either in the "Supplies" category or in the "Other" category. Applicants should analyze the cost benefits of purchasing versus leasing equipment, especially high cost items and those subject to rapid technical advances. Rented or leased equipment costs should be listed in the "Contractual" category. Explain how the equipment is necessary for the success of the project. Attach a narrative describing the procurement method to be used.

Budget Narrative: A narrative budget justification must be provided for each of the budget items identified.

All equipment is listed with its Authorized Equipment List item number for Port Security Grant Program (PSGP)

Item	Computation	Cost
Waterborne CBRNE Response Boat Package (17WC-00-BOAT - Watercraft, CBRNE Prevention and Response)	2 x \$13,000.00	\$26,000.00
Item	Computation	Cost
Boat Trailer (12TR-00-TEQP - Trailer, Equipment)	1 x \$5,000.00	\$5,000.00
Item	Computation	Cost
ATV/UTV (12VE-00-MISS - Vehicle, Specialized Mission, CBRNE)	1 x \$18,000.00	\$18,000.00
Item	Computation	Cost
Underwater Remote Operated Vehicle w/ Sonar (030E-07-UMVS - System, Unmanned Maritime Vehicle)	1 x \$90,000.00	\$90,000.00
Item	Computation	Cost
Surface Supplied Diving System with FFM and Coms (01AR-01-SAR - Respirator, Supplied Air, 01WA-06-MASK - Mask, Diving, 06CP-03-ICOM - Intercom)	3 x \$6,000.00	\$18,000.00
Item	Computation	Cost
Dive Dry Suits (01WA-03-SUTD - Suit, Dry, Diving)	8 x \$3,000.00	\$24,000.00
Item	Computation	Cost
Dive Dry Suits Thermal Suit (01WA-03-UNDR - Undergarment, Dry Suit, Diving)	8 x \$500.00	\$4,000.00
Item	Computation	Cost
Water Rescue Protective Kits (01SW-01-SUIT - Suit, Dry, Surface Water Operations Protective, NFPA 1952, 01WA-06-PFDS - Device, Personal Flotation, 01SW-04-HLMT - Helmet, Protective, Surface Water Operations, NFPA 1952, 01SW-01-FTWR - Footwear, Surface Water Operations Protective Dry Suit, NFPA 1952, 01SW-01-GLOV - Gloves, Surface Water Operations Protective Dry Suit, NFPA 1952, 01SW-04-UNDR - Undergarment, Surface Water Operations, 01WA-06-BAGG - Bag, Gear, Water Operations, 03OE-04-LTHE - Light, Personal, Intrinsically Safe)	26 x \$2,600.00	\$67,600.00
Item	Computation	Cost
Handheld GPS - (04AP-02-DGPS - Device, Global Positioning System (GPS))	26 x \$600.00	\$15,600.00

Item	Computation	Cost
Water Rescue / High Angle Harness, Gloves (03OE-05-ROPH Hardware, Rappelling or Rescue Operations, Life Safety)	26 x \$300.00	\$7,800.00
Item	Computation	Cost
Handheld Thermal Imager (03OE-02-TILA - Optics, Thermal Imaging and/or Light Amplification)	6 x \$3,755.00	\$22,530.00
Item	Computation	Cost
Water Rescue Rope Rigging Equipment (03OE-05-ROPH Hardware, Rappelling or Rescue Operations, Life Safety)	1 x \$5,500.00	\$5,500.00
Item	Computation	Cost
Rope Line Launcher (03OE-05-ROPH Hardware, Rappelling or Rescue Operations, Life Safety)	1 x \$4,100.00	\$4,100.00
Item	Computation	Cost
Basket (08D2-01-LITR - Device, Victim Extraction)	2 x \$6,000.00	\$12,000.00
Item	Computation	Cost
Water Rescue Response Kits (03OE-05-ROPH Hardware, Rappelling or Rescue Operations, Life Safety, 01WA-06-PFDS - Device, Personal Flotation)	100 x \$100.00	\$10,000.00
Item	Computation	Cost
Personal Flotation Device (PFD) (01WA-06-PFDS - Device, Personal Flotation)	8 x \$500.00	\$4,000.00
Item	Computation	Cost
Level B PPE (01CB-02-ENSM - Ensemble, Terrorism Incident Protective, NFPA 1994 Class 2)	12 x \$2,100.00	\$25,200.00
Item	Computation	Cost
Gas Masks SCBA, PAPR (01AR-02-APR Respirator, Air-Purifying, Full Face, Tight-Fitting, Negative Pressure, CBRNE)	12 x \$10,500.00	\$126,000.00
Item	Computation	Cost
Communication Cables (06CP-03-PRAC - Accessories, Portable Radio)	42 X \$125.00	\$5,250.00
Item	Computation	Cost
Communication Headset (06CP-03-PRAC - Accessories, Portable Radio)	12 x \$900.00	\$10,800.00
Item	Computation	Cost
Extrication/Site Access Tool Kits (03SR-02-TLHN - Tools, Hand)	18 Kits x \$2,200.00	\$39,600.00
Item	Computation	Cost
Extrication/Site Access Tool Kits (03SR-02-TLHN - Tools, Hand)	20 Kits x \$2,480.00	\$49,600.00

Item	Computation	Cost
31A Night Vision (03OE-02-TILA - Optics, Thermal Imaging and/or Light Amplification)	16 x \$13,000.00	\$208,000.00
Item	Computation	Cost
IR Strobe Light (03OE-04-LTHE - Light, Personal, Intrinsically Safe)	42 x 200	\$8,400.00
Item	Computation	Cost
Personnel Protection Shields (01LE-01-SHLD - Shield, Ballistic)	2 x \$3,000.00	\$6,000.00
Item	Computation	Cost
Personnel Protection Blanket (02EX-02-TLEX - Tools, Explosive Mitigation, Suppression, Deflection)	6 x \$1,700.00	\$10,200.00
Item	Computation	Cost
Personnel Protection Wall (01LE-01-SHLD - Shield, Ballistic)	1 x \$31,000.00	\$31,000.00
Item	Computation	Cost
Helmet (02PE-02-HLMT - Equipment, Head and Face Protection, IED/EOD)	12 x 1,100.00	\$13,200.00
Item	Computation	Cost
Bomb Suit (02PE-01-BSUT - Suit, Improvised Explosive Device/Explosive Ordnance Disposal (IED/EOD) Protective Ensemble)	2 x \$32,500.00	\$65,000.00
Total Equipment		\$932,380.00

Budget Narrative for Equipment:

The Metropolitan Government of Nashville is seeking to obtain a PSG under Enhancing Improvised Explosive Device (IED) and Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) Prevention, Response, and supporting recovery capabilities, as well as, overall Port Resilience and Recovery Capabilities. The program goal is to supplement national readiness for Catastrophic Disasters by bolstering overall Police and EMS response, mitigation and recovery capabilities during both land based operations and maritime operations in day, low-light, and no-light environments in the Port of Nashville. Response to Port of Nashville facilities and events includes the added need of waterborne response during CBRNE events, rapidly emerging security threats, and potential man-made disasters. Funding is requested to extend and replace current maritime response capabilities. The need for these capabilities was evidenced by the overwhelming request for waterborne response during the flood of 2010. Current waterborne assets assigned to the Metropolitan Government were integral in lifesaving rescue and recovery operations during this period. More recently waterborne assets and personnel were deployed to Florida to assist with lifesaving rescue and recovery efforts during September 2017 during Hurricane Irma. To maintain this level of readiness for response to water front facilities, maritime vessels, or waterfront event locations we are requesting watercraft and associated deployment trailer and equipment providing rapid deployment across the Port of Nashville for the purposes of delivering emergency services personnel, CBRNE mitigation equipment, and search/rescue teams. Related funding is requested for a specialized all-terrain vehicle to be utilized in concert with EMS/Hazmat responders to add the capability of transporting CBRNE mitigation equipment, and/or personnel involved in intervention, mitigation, or recovery operations; to and from the incident site utilizing land based entry/exit routes. In furtherance of a multi-disciplined response a portion of the requested funding would be utilized to build new capabilities through the procurement of an underwater remote operated vehicle with sonar system. The system would give the capability of locating threats to critical infrastructure in the Port of Nashville

that exist below the water surface. The requested dive related equipment will assist in adding a new capability of an underwater CBRNE - Hazmat/Explosive mitigation capability that we are currently building for the port. We are also requesting water rescue related equipment to add a new capability to a component of our USAR team. The requested equipment will enhance our current response gear and add a new deployable asset to the port and region, as demonstrated by our deployment to Florida to assist with Hurricane Irma. National Response protocols also include ongoing training to meet the National Preparedness Goal. The water rescue response kits (PFDs & throw bags) and PFDs will address a need for our front line police personnel to assist with initial land based water rescue. Our department has identified a need gap in this area and will address this training need by utilizing this equipment to train police officer trainees on overall water safety and waterborne operations as they pertain to the response and recovery capabilities of the Port of Nashville.

We are also seeking funding for the same kind replacement of currently fielded and unserviceable Gore-Tex Chempak, Ultra Barrier, NFPA Class 2 ensembles. Requested funding for added capabilities related to Level B response include additional APRs for new personnel and replacement, portable radio accessories that improve communication and safety in both APR and SCBA configurations. The completed ensemble further entails the purchase of an APR mask compatible SCBA system to replace current outdated equipment. Included equipment procurement would also consist of interoperable APR and communication between SWAT, Hazardous Devices Unit, and Emergency Contingency Unit. Continued funding for hand tool kits for deployment by our department's interoperable SWAT and Hazardous Devices Unit for the purposes of cutting, prying, breaking, moving objects and obstructions during IED and CBRNE mitigation/ intervention, as well as following search and rescue operations in portable, lightweight kits that can be carried via body borne carriers over great distance and throughout structures or maritime vessels where powered tools are not appropriate or safe to use.

It is also the need of our Police Department's combined full time and collateral duty FEMA Type I SWAT/Tactical Team to procure equipment necessary to enhance IED and CBRNE prevention, protection, response and recovery capabilities that would replace older technology while also adding new capabilities. The requested white phosphor light amplification optic with visible and IR personnel identification would supplant outdated equipment and meet previously unmatched standards. Technological advancement consists of tubes with a FOM rating greater than 2200, and 4AA IR illuminator battery pack, and manual gain/focus for image quality optimization. In combination this provides for greater detail clarity and 15-20% more light transmission for longer durations at the incident site and/or during search and rescue operations. Additional benefits updated technology allows users to see contrast and detail in shapes and shadowing giving the user more visual information (depth perception) for navigation through wooded environments, commercial structures, and maritime vessels. Improvements for individual users include significant reduction in felt head-borne weight and more efficient center of gravity allowing responders to operate the equipment for increased periods of time without decreased operational capability. The addition of the IR/visible personnel identification system would cover a current gap in need to provide a means for members of the department's FEMA Type 1 SWAT/Tactical Team and full time FBI Bomb Squad to be identified in a low light and/or critical incident site. Update and replacement of unserviceable personnel protective shields, blankets, protection wall, helmets and bomb suits is requested to provide both ballistic and explosive protection to personnel responding to potential ongoing CBRNE and/or Port of Nashville security threats, to include threats associated with attacks on spectators during large marine events in a high density population area and attacks on waterfront facilities with the purpose of creating a major environmental incident, or mass casualty incident. The ballistic protection meets NIJ Level 3 and 4 standards, while the explosive protection is tested against 17gr FSP with average V50 per MIL-STD-662F of over 1788f/s, 545 m/s and utilizes specially designed carry handles for use as an improvised litter to transport injured individuals if needed.

The proposed program enhances overall maritime domain awareness through building and sustaining core capabilities across the prevention, protection, mitigation, response, and recovery mission areas. The impact is realized among all public safety and government agencies in the COTP zone, as well, as by commercial stakeholders and public confidence in state, local, and federal entities to maintain capabilities necessary to secure the homeland against acts of terrorism and manmade or natural disasters. All new

equipment acquisitions will be maintained out of the operating budget of Metropolitan Nashville Government entities. As such, equipment purchases will be purchased based on a competitive bid process in accordance with GFSA and the state of Tennessee procurement procedures. This process insures that equipment purchases will be made in an efficient manner with the lowest possible monetary impact to taxpayers.

This project uses cost effective means to reduce overall COTP zone risk. It focuses on investments on proactive measures to deter, detect, and respond to threats to safety, health and welfare of the affected population, equipment, facilities, information, property, and waterways commerce. This approach assists the unified preparedness strategies to deter and respond to security incidents. It anticipates a viable consequence risk reduction per MSRAM based on COTP priorities at the least cost. It ensures responsible personnel can effectively respond to impending threats.

The cost/benefit ratio of this equipment is found by the following equation: (Cost of equipment [\$932,380.00] divided by the immediate response area population [estimated 707,132] (Metropolitan Government of Nashville and Davidson County) divided by the expected operational life of the equipment [10]; therefore, the cost/benefit ratio of this equipment is \$.13 per resident. Furthermore, if the total population of our mutual aid areas in which this equipment would be available to respond is calculated, the cost/benefit comes in at an amount well below a penny cost per citizen. We feel that this simple cost/benefit ratio, along with the equipment requested will provide Highest Risk Reduction Potential at the Least Cost.

These investments seek security-related enhancements and response capability projects that offer maximum return on investments to help detect, deter, respond and recover from a Transportation Security Incident (TSI) and/or CBRNE related incident in and around the Port of Nashville and to the State of Tennessee. It compliments elements of the National Response Framework into planning, operations, and investments as much as feasible. It also seeks to enhance investments port wide to increase port security through a systems approach, employing robust collaboration and communications between law enforcement agencies, the intelligence community, and port stakeholders. It also aims to address applicable US Coast Guard Captain of the Port and the Area Maritime Security Plans and/or Port-Wide Risk Management Plans priorities, and concerns of the Nashville AMSC. Efforts bolster security via better collaborations. The objective of investment selection and prioritization is to allow for a combination of projects that reduce some risk rapidly (quick to deploy), as well as some that reduce a greater amount of port-wide risk but may take more time to implement. In this way, risk can be reduced quickly without waiting for projects that take longer to implement.

Minimizing disruptions of service caused by any method or sequence of events can be accomplished by increasing coordination and communication between AMSC stakeholders, which enhances a coordinated approach to project implementation and infrastructure protection. The Capability Elements, described in the Department of Homeland Security 2007 Target Capabilities List (TCL) serve as a guide for identifying and prioritizing capabilities augmentation when working to establish essential baseline capabilities. The overarching goal of the National Infrastructure Protection Plan (NIPP) is to protect Maritime Critical Infrastructure and Key Resources (MCI/KR) through deterrence, prevention, mitigation, or neutralization. The above investments will support the NIPP in one or more of the following ways:

- Create or enhance deterrence of a deliberate attack.
- Provide a port-wide benefit to protect MCI/KR by enhancing Improvised Explosive Device (IED) and Chemical, Biological, Radiological, Nuclear, Explosive (CBRNE) prevention, protection, response, and supporting recovery capabilities.
- Reduce or eliminate the potential consequences of a security threat incident.
- Enhance maritime domain awareness capacity.

Project prioritization and selection was also based on "risk and need" in accordance with the NIPP and those outlined in the COTP Ohio Valley Area Maritime Security Plan.

E. Supplies. List items by type (office supplies, postage, training materials, copying paper, and other expendable items such as books, hand held tape recorders) and show the basis for computation. (Note:

Organization's own capitalization policy and threshold amount for classification of supplies may be used). Generally, supplies include any materials that are expendable or consumed during the course of the project.

Supply Items	Computation	Cost
Total Supplies		\$0

F. Consultants/Contracts. Indicate whether the applicant's procurement policy follows standards found in 2 C.F.R. § 200.318(a).

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

Budget Narrative: A narrative budget justification must be provided for each of the budget items identified.

Name of Consultant	Service Provided	Computation	Cost
Subtotal – Consultant Fees			\$0

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

Budget Narrative: A narrative budget justification must be provided for each of the budget items identified.

Item	Location	Computation	Cost
Subtotal – Consultant Expenses			\$0

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 2 C.F.R. Part 200.

Budget Narrative: A narrative budget justification must be provided for each of the budget items identified.

Item	Cost
Subtotal – Contracts	\$0
Total Consultants/Contracts	\$0

G. Other Costs. List items (e.g., reproduction, janitorial or security services, and investigative or confidential funds) by major type and the basis of the computation. For example, provide the square footage and the cost per square foot for rent, and provide a monthly rental cost and how many months to rent.

Budget Narrative: Provide a narrative budget justification for each of the budget items identified.

Important Note: If applicable to the project, construction costs should be included in this section of the Budget Detail Worksheet.

Description	Computation	Cost
		\$0
Total Other		\$0

H. Indirect Costs. Indirect costs are allowed only if the applicant has a Federally approved indirect cost rate. A copy of the rate approval, (a fully executed, negotiated agreement), must be attached. If the applicant does not have an approved rate, one can be requested by contacting the applicant's cognizant Federal agency, which will review all documentation and approve a rate for the applicant organization, or if the applicant's accounting system permits, costs may be allocated in the direct costs categories.

Description	Computation	Cost
		\$0
Total Indirect Costs		\$0

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	\$0
B. Fringe Benefits	\$0	\$0
C. Travel	\$0	\$0
D. Equipment	\$699,285.00	\$233,095.00
E. Supplies	\$0	\$0
F. Consultants/Contracts	\$0	\$0
G. Other	\$0	\$0
H. Indirect Costs	\$0	\$0

Total Requested Federal Amount	Total Non-Federal Amount
\$699,285.00	\$233,095.00
Combined Total Project Costs	
\$932,380.00	

Detailed Budget Submission and File Naming Convention

Detailed budgets must be submitted with the grant application as a file attachment within <https://portal.fema.gov>. Applicants must use the following file naming convention when submitting their detailed budgets as part of the FY 2017 PSGP Program:

COTP Zone Abbreviation_Port Area_Name of Applicant_IJ Number_Budget (Example: Hous_Galveston_XYZ_1_Budget)