

# FY 2010 FREIGHT RAIL SECURITY GRANT PROGRAM (FRSGP)

## Investment Justification Template

As part of the FY 2010 FRSGP application process, applicants must develop a formal Investment Justification that addresses each initiative being proposed for funding. These Investment Justifications must demonstrate how proposed projects address gaps and deficiencies in current programs and capabilities. The Investment Justification must demonstrate the ability to provide enhancements consistent with the purpose of the program and guidance provided by FEMA. Applicants must ensure that the Investment Justification is consistent with all applicable requirements outlined in the FRSGP application kit.

Applicants may propose up to four investments within their application. A separate Investment Justification must be submitted for each proposed project. All Investment Justifications must be submitted with the application by February 12, 2010.

The Investment Justification must demonstrate the ability of the applicant to provide tangible, physical security enhancements consistent with the purpose of the program and guidance provided by DHS.

Applicants must provide information in the following categories for each proposed investment:

- I. Background;
- II. Impact;
- III. Implementation Plan.

FRSGP applicants must provide responses to all questions.

Investment Heading	
Organization/ Company Name	
Date of Application	
High Threat Urban Area(s) Impacted	
Investment Name	
Investment Amount	

### I. Background

*Note: This section only needs to be completed once per application, regardless of the number of investments proposed. The information in this section provides background/context for the investment(s) requested, but does not represent the evaluation criteria used by DHS for rating individual investment proposals.*

I.A. Identify the point(s) of contact for this investment.	
Response Type	Narrative
Page Limit	Not to exceed ½ page

<b>Response Instructions</b>	<p>Identify the following:</p> <ul style="list-style-type: none"> <li>• Point of contact (POC) name and title;</li> <li>• POC full mailing address;</li> <li>• POC telephone number;</li> <li>• POC fax number;</li> <li>• POC email address; and,</li> </ul> <p>Also include the corresponding information for the single authorizing official for your organization- i.e., the individual authorized to sign a grant award.</p>
<b>Response</b>	

**I.B. Describe your operating system as applicable.**

<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 2 pages
<b>Response Instructions</b>	<p>Describe the following:</p> <ul style="list-style-type: none"> <li>• Infrastructure (e.g. describe assets such as bridges, tunnels, yards, facilities, operational centers, etc);</li> <li>• Number of track miles;</li> <li>• Number of rail cars (differentiating tank cars);</li> <li>• Type and amount of SSM as defined for this grant, transported through High Threat Urban Areas annually. (Include separately the type and amount of TIH transported in tank cars and the type and amount of TIH transported by bulk loads.)</li> <li>• System maps, including listing of High Threat Urban Areas serviced; and,</li> <li>• Other sources of funding being leveraged for security enhancements.</li> <li>• For bridge projects, please provide the following information: <ul style="list-style-type: none"> <li>○ Asset Name</li> <li>○ Owner/Operator</li> <li>○ Complete Address</li> <li>○ Latitude/ Longitude</li> <li>○ County or Counties:</li> <li>○ Local Government(s):</li> <li>○ Identify public venues within 2.5 mile radius</li> <li>○ Identify high density structures within a 2.5 mile radius (schools, hospitals, prisons, high rises, etc.)</li> <li>○ Are there other back-ups or reroutes for the loss of this asset? List these backups, contingencies and redundancies.</li> <li>○ Describe facilities that share perimeter boundaries with this asset?</li> <li>○ Please identify other railroads utilizing this asset?</li> <li>○ Is this asset part of a STRACNET route or STRACNET connector route?</li> <li>○ What railroad division/subdivision is the asset part of?</li> <li>○ Is this bridge fixed or moveable?</li> <li>○ If moveable, what type? (Swing, Lift, Bascule)</li> <li>○ What is the total length of the bridge?</li> <li>○ What is the height of the bridge above mean water level?</li> <li>○ Does the bridge cross a navigable waterway? Name waterway.</li> <li>○ What is maximum permissible speed over bridge?</li> <li>○ What is the average daily total of all trains?</li> <li>○ What is the average daily volume of passenger trains?</li> <li>○ Primary commodities carried by this bridge?</li> <li>○ How many tracks on the bridge?</li> <li>○ How often are underwater inspections of piers completed?</li> <li>○ How often is an inspection of the bridge completed?</li> <li>○ What is the primary alternate route if this bridge is out of service?</li> </ul> </li> </ul>

	<p>Describe.</p> <ul style="list-style-type: none"> <li>○ Are there bridge piers accessible by foot or vehicular traffic?</li> <li>○ Is the bridge manned? What hours?</li> <li>○ Does this bridge also carry public vehicular or foot traffic?</li> <li>○ Has the bridge design or construction provided for risk mitigation, such as fire- proofing, non-flammable, etc.?</li> <li>○ What are the million gross ton miles annually on this bridge?</li> <li>○ What is the AAR security classification of this asset?</li> <li>○ Maximum car weight permitted (in tons)?</li> </ul>
<b>Response</b>	

## II. Impact

<b>II.A. Provide an abstract for this investment.</b>	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 2 pages
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Describe the project, how it will be executed (e.g. expected implementation timeframe), and its purpose as it relates to the requirements outlined in Part I.</li> <li>• Describe the specific needs and/or resource limitations that need to be addressed;</li> <li>• Identify any potential partners (excluding specific vendors) and their roles and staffing requirements, and provide information on any existing agreements such as Memoranda of Understanding (MOU);</li> <li>• Identify/provide an overview of the following, as applicable: <ul style="list-style-type: none"> <li>○ Equipment needs (e.g., number of GPS units and rail cars.)</li> <li>○ Training needs (e.g., total number of employees, number of people to be trained, length of training, type of training, etc);</li> <li>○ Planning needs (e.g., need to create/update vulnerability assessment/security plan to be compliant)</li> </ul> </li> <li>• Describe progress made on the security project this investment will be completing, if applicable;</li> <li>• Reference use of prior year grant funds, if applicable; and,</li> <li>• Describe how the project will be sustained during and after the period of performance of the grant. <ul style="list-style-type: none"> <li>○ <i>Note: Ensure that details on purchases within this section match what is outlined in the detailed budget.</i></li> </ul> </li> </ul>
<b>Response</b>	

<b>II.B. Discuss how the implementation of this investment will decrease or mitigate risk.</b>	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 1 page
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Identify the type of project (GPS, Vulnerability Assessment/Security Plan, Training/Exercise, Bridge Infrastructure Hardening</li> <li>• Discuss how this investment will reduce risk (e.g., reduce vulnerabilities or mitigate the consequences of an event) by addressing the needs and priorities identified in earlier analysis and review;,,</li> <li>• Define the vision, goals, and objectives for the risk reduction, and summarize how the proposed investment will fit into the overall effort to meet the Federal security priorities (including integration into existing security protocols);</li> </ul>
<b>Response</b>	

<b>II.C. Vulnerability assessments and security plan information, as applicable.</b>	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 2 pages
<b>Response Instructions</b>	<p>Please explain the status of your current vulnerability assessment and security plan with regard to the guidelines specified in Part I of the guidance. If you deem your current vulnerability assessment and security plan do not meet the requirements contained herein, please describe those aspects of the plan that will be created and/or improved with grant funds. If there are aspects of your current vulnerability assessment and security plan that do adhere to the guidelines in Part I, please describe those aspects.</p> <ul style="list-style-type: none"> <li>• If you are using a DHS approved methodology to complete your vulnerability assessment and security plan please specify which methodology you intend to use.</li> <li>• If you are not using a DHS approved methodology to conduct your vulnerability assessment, address how your chosen methodology will comply with the vulnerability assessment and security plan requirements as listed in Part A.</li> <li>• DHS may require the applicant to submit the entire vulnerability assessment tool/methodology requested above.</li> </ul>
<b>Response</b>	

<b>II.D. Training Program, as applicable.</b>	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 2 pages
<b>Response Instructions</b>	<p>Describe the following about your current training program:</p> <ul style="list-style-type: none"> <li>• Number of staff including railroad front line employees.</li> <li>• Type of staff, including employment titles.</li> <li>• The number of employees who have received basic security awareness or other training in the past two years.</li> </ul> <p>Describe the following about your proposed investment</p> <ul style="list-style-type: none"> <li>• Number of railroad front line employees intended to be trained and the name of their employer (e.g. X front line employees work for Company A, Y front line employees work for Company B, etc, if applicable).</li> <li>• Type of training for the railroad front line employees, including summary course descriptions and how those courses adhere to the guidelines as listed in Part I of the guidance.</li> <li>• Length of training (e.g., 4 hours).</li> <li>• Number of printed materials consumed over the course of the training.</li> <li>• Number of companies and staff members involved in any exercise planning, execution, and review, if applicable.</li> </ul> <p>Please provide information about how close the training program will get your organization to having all railroad frontline employees trained for basic security training. Also please explain your plan for getting everyone trained in basic security. Also please explain how you intend to provide refresher training and sustain the training program after the grant has expired.</p>
<b>Response</b>	

### III. Funding and Implementation Plan

<b>III.A. Investment Funding Plan.</b>	
<b>Response Type</b>	Numeric and Narrative
<b>Page Limit</b>	Not to exceed 1 page

<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Complete the chart below to identify the amount of funding you are requesting for <u>this Investment only</u>;</li> <li>• Funds should be requested by allowable cost categories (as identified in the FY 2010 FRSGP Program Guidelines and Application Kit);</li> <li>• Applicants must make funding requests that are reasonable and justified by direct linkages to activities outlined in this particular Investment; and,</li> <li>• Applicants must indicate whether additional funding (non-FY 2010 FRSGP) will be leveraged for this Investment.</li> </ul> <p><i>Note: Investments will be evaluated on the expected impact on security relative to the amount of the investment (i.e., cost appropriateness). An itemized Budget Detail Worksheet and Budget Narrative must also be completed for this investment</i></p>
<b>Response</b>	

The following template illustrates how the applicants should indicate the amount of FY 2010 FRSGP funding required for the Investment, how these funds will be allocated across the cost elements, and any match being offered:

	Federal Request Total	Other Funding Sources	Grand Total
<i>Vulnerability Assessment/ Security Plan Development</i>			
<i>Training/Exercises</i>			
<i>Equipment</i>			
<i>M&amp;A</i>			
<b>Total</b>			

III.B. Identify up to five potential challenges to the effective implementation of this investment (e.g. stakeholder buy-in, sustainability, aggressive timelines).	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed ½ page
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• For each identified challenge, provide a brief description of how the challenge will be addressed and mitigated, and indicate a probability of occurrence (high, medium, or low);</li> <li>• The response should focus on the implementation only;</li> <li>• Consider the necessary steps and stages that will be required for successful implementation of the investment;</li> <li>• Identify areas of possible concern or potential pitfalls in terms of investment implementation; and,</li> <li>• Explain why those areas present the greatest challenge to a successful investment implementation.</li> </ul>
<b>Response</b>	

III.C. Describe the management team, including roles and responsibilities that will be accountable for the oversight and implementation of this investment, and the overall management approach they will apply for the implementation of this investment.	
<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed ½ page
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Provide the high-level skill sets (e.g., budget execution, grant administration, geospatial expert, outreach and communication liaison) that members of the management team must possess for the successful</li> </ul>

	<p>implementation and oversight of the investment;</p> <ul style="list-style-type: none"> <li>• Discuss how those skill sets fulfill the oversight and execution responsibilities for the investment, and how the management roles and responsibilities will be distributed/assigned among the management team; and,</li> <li>• Explain how the management team members will organize and work together in order to successfully manage the investment.</li> </ul>
<b>Response</b>	

**III.D. Provide a high-level timeline, milestones and dates, for the implementation of this investment. Up to 10 milestones may be provided.**

<b>Response Type</b>	Narrative
<b>Page Limit</b>	Not to exceed 1 page
<b>Response Instructions</b>	<ul style="list-style-type: none"> <li>• Include major milestones that are critical to the success of the investment;</li> <li>• While up to 10 milestones may be provided, applicants should only list as many milestones as necessary;</li> <li>• Milestones are for this discrete investment . those that are covered by the requested FY 2010 FRSGP funds and will be completed over the 36-month grant period;</li> <li>• Milestones should be kept to high-level, major tasks that will need to occur. However the timelines should convey that all critical processes have been considered and there is a plan in place to achieve those milestones (e.g for training requests, courses conducted/ attended per month, number of railroad front line employees trained per class, etc.)</li> <li>• Identify the planned start date associated with the identified milestone. The start date should reflect the date at which the earliest action will be taken to start achieving the milestone;</li> <li>• Identify the planned completion date when all actions related to the milestone will be completed and overall milestone outcome is met; and,</li> <li>• List any relevant information that will be critical to the successful completion of the milestone (such as those examples listed in the question text above).</li> </ul>
<b>Response</b>	