

**FDOT SPACEPORT SCOPE OF WORK FORM**  
**DUE TO SPACE FLORIDA BY FRIDAY, JUNE 8, 2012, 3:00 PM**

**PROJECT NAME:** \_\_\_\_\_

***Name and contact information of person to be contacted on matters involving this submission:***

Contact Person Name:	Title:
Organization:	Email:
Address:	City/State/Zip:
Phone:	Fax:

**PROJECT LOCATION:**

***Physically located within an existing Spaceport territory:***

Cape Canaveral Spaceport     Cecil Spaceport     Eglin Air Force Base

***OR***

Application for new commercial Spaceport territory

***If within Cape Canaveral Spaceport, renews and/or upgrades the infrastructure and/or technologies at:***

- a)  Cape Canaveral Air Force Station
- b)  John F. Kennedy Space Center
- c)  Eastern Range
- d)  Other \_\_\_\_\_

**PROJECT ABSTRACT:** *The Project Abstract must not exceed this space and must contain a summary of the proposed activity suitable for dissemination to the public. It should be a self-contained description of the project. It should be informative to other persons working in the same or related fields and insofar as possible understandable to a technically literate lay reader. This Abstract must not include any proprietary/confidential information.*

**PROJECT QUALIFICATION: *The project meets Space Florida and FDOT guidelines***

**This project develops Spaceport infrastructure and related transportation facilities contained in the Strategic Intermodal System Plan**

**A.**  Ground Operations: On Spaceport roadway, railway, or multi-modal facilities that link passenger and car/or cargo terminals with a SIS connector or hub.  
Includes:  
 Road connections to Spaceport territory      and/or       Road extensions within Spaceport territory  
**OR**

**B.**  Space Connections: Facilities that link passenger and cargo terminals with space corridors. E.g., new or expanded launch pads; aprons; taxiways; runways; drainage and approach lighting related to new or extended runways.  
Launch Vehicle Class:  
 Small       Medium       Large       Heavy Lift

<b>Aerospace activity:</b> <input type="checkbox"/> Civil <input type="checkbox"/> Commercial <input type="checkbox"/> Military	<b>Integrates:</b> <input type="checkbox"/> Aeronautics <input type="checkbox"/> Aviation <input type="checkbox"/> Space
<b>Includes Spaceport:</b> <input type="checkbox"/> Construction <input type="checkbox"/> Reconstruction <input type="checkbox"/> Equipment, and/or <input type="checkbox"/> Improvements	
<b>Facilitates:</b> <input type="checkbox"/> Launch <input type="checkbox"/> Take-off <input type="checkbox"/> Landing    of spacecraft and/or aircraft.	
<input type="checkbox"/> This Spaceport facility has had one or more orbital or suborbital flights in the previous calendar year <b>OR</b> <input type="checkbox"/> There is a written agreement for one or more orbital or suborbital flights from this facility in the next three years <b>OR</b> <input type="checkbox"/> There are plans for one or more orbital or suborbital flights from this facility in the future	

**FUNDING REQUEST: *Provide an estimate of the total cost of the project phase(s). FDOT prioritizes Strategic Intermodal Systems projects that “leverage federal government, local government, private sector, or other funding sources.” For fiscal year 2014 and beyond, FDOT funds may not be used for more than 50% of the project cost.***

<b>Total project cost:</b>	<b>\$ _____</b>		<b>% FDOT share of cost: _____%</b>			
	Total	FDOT Request		Federal	Local	Private
		\$	%			
Planning						
PD&E						
Design						
Construction						
Design/Build						
Other						

**TRANSPORTATION PARTNERS: *The Spaceport User has project approvals from state and federal agencies.***

	Contract	MOU	Agreement	Other
FAA				
KSC				
NASA				
NEPA				
Space Florida				
USDOD				
OTHER				

**PUBLIC BENEFIT ANALYSIS: This information must be complete for project consideration.**

<p><b>How does this project support the creation of high-value-added businesses and jobs?</b></p> <p><input type="checkbox"/> Retains <input type="checkbox"/> Expands <input type="checkbox"/> Attracts <input type="checkbox"/> Creates High-value-added aerospace businesses and jobs Estimated # _____ of jobs created Estimated average annual pay \$ _____ <input type="checkbox"/> Public <b>OR</b> <input type="checkbox"/> Private Estimated date for facility to be operational _____</p>
<p><b>Will additional investments result from this project?</b></p> <p>Estimate: Industry \$ _____ State \$ _____ Federal \$ _____ Other \$ _____ # _____ of scheduled launches # _____ of launch customers Estimated launch date _____</p>
<p><b>Which of these established or emerging, space-related Core Competencies are addressed?</b></p> <p><input type="checkbox"/> Launch systems and support <input type="checkbox"/> Satellite systems and payloads <input type="checkbox"/> Ground and operations support systems</p> <p><b>Which of these Market Applications are addressed?</b></p> <p><input type="checkbox"/> Agriculture, climate and environmental monitoring <input type="checkbox"/> Civil protection and emergency management <input type="checkbox"/> International Space Station and human life sciences <input type="checkbox"/> Communications, cybersecurity and robotics <input type="checkbox"/> Adventure tourism <input type="checkbox"/> Clean energy <input type="checkbox"/> Advanced materials and new products</p>
<p><b>How does the project meet the goals of the National Space Policy?</b></p> <p><b>How does this project contribute to industry capabilities that serve the United State's Government's Space transportation needs?</b></p> <p><b>How will this project positively impact the International competitiveness of the United States Space transportation industry?</b></p> <p><u>The United States will pursue the following goals in its national space programs:</u></p> <p><input type="checkbox"/> Energize competitive domestic industries to participate in global markets and advance the development of: satellite manufacturing; satellite-based services; space launch; terrestrial applications; and increased entrepreneurship. <input type="checkbox"/> Expand international cooperation on mutually beneficial space activities to: broaden and extend the benefits of space; further the peaceful use of space; and enhance collection and partnership in sharing of space-derived information. <input type="checkbox"/> Strengthen stability in space through: domestic and international measures to promote safe and responsible operations in space; improved information collection and sharing for space object collision avoidance; protection of critical space systems and supporting infrastructures, with special attention to the critical interdependence of space and information systems; and strengthening measures to mitigate orbital debris. <input type="checkbox"/> Increase assurance and resilience of mission-essential functions enabled by commercial, civil, scientific, and national security spacecraft and supporting infrastructure against disruption, degradation, and destruction, whether from environmental, mechanical, electronic, or hostile causes. <input type="checkbox"/> Pursue human and robotic initiatives to develop innovative technologies, foster new industries, strengthen international partnerships, inspire our Nation and the world, increase humanity's understanding of the Earth, enhance scientific discovery, and explore our solar system and the universe beyond. <input type="checkbox"/> Improve space-based Earth and solar observation capabilities needed to conduct science, forecast terrestrial and near-Earth space weather, monitor climate and global change, manage natural resources, and support disaster response and recovery.</p>
<p><b>How are Space Florida mandates addressed?</b></p> <p><input type="checkbox"/> Improve launch complexes and space transportation facilities in order to attract new space vehicle testing and launch business to the state <input type="checkbox"/> Address intermodal requirements and impacts of the launch ranges, Spaceports, and other space transportation facilities <input type="checkbox"/> Advance aerospace technology to meet the current and future needs of the United States commercial space transportation industry <input type="checkbox"/> Assist in the development of joint-use facilities and technology that support aviation and aerospace operations, including high-altitude and suborbital flights and range technology development. <input type="checkbox"/> Streamline access for commercial launch users</p>

**PUBLIC BENEFIT ANALYSIS (continued)**

***How are FDOT Space transportation mandates addressed?***

- \_ Develop and/or improve aerospace transportation facilities
- \_ Address intermodal requirements and impacts of the launch ranges, Spaceports, and other space transportation facilities
- \_ Develop joint-use facilities and technology that support aviation and aerospace operations
- \_ Integrate airports and Spaceports in order to meet transportation-related needs
- \_ Improve space transportation capacity and efficiency

***How are Florida's 2060 long-range transportation vision and goals addressed?***

- \_ A statewide, multimodal system of trade gateways, logistics centers, and transportation corridors to position Florida as a global hub for commerce and investment
- \_ An evolving air and space transportation system enabling Florida to remain a global leader for moving people and cargo between Florida and destinations in other states, nations, and orbit
- \_ Invest in transportation systems to support a prosperous, globally competitive economy.
- \_ Make transportation decisions to support and enhance livable communities.
- \_ Make transportation decisions to promote responsible environmental stewardship.
- \_ Provide a safe and secure transportation system for all users.
- \_ Maintain and operate Florida's transportation system proactively.
- \_ Improve mobility and connectivity for people and freight.

***How are SIS Strategic Plan Objectives addressed?***

- \_ Interregional Connectivity: Enhance connectivity between Florida's economic regions and between Florida and other states and nations for both people and freight.
- \_ Efficiency: Reduce delay on and improve the reliability of travel and transport using SIS facilities.
- \_ Choices: Expand modal alternatives to SIS highways for travel and transport between regions, states, and nations.
- \_ Intermodal Connectivity: Provide for safe and efficient transfers for both people and freight between all transportation modes.
- \_ Economic Competitiveness: Provide transportation systems to support statewide goals related to economic diversification and development.
- \_ Energy, Air Quality, and Climate: Reduce growth rate in vehicle-miles traveled and associated energy consumption and emissions of air pollutants and greenhouse gases.
- \_ Emergency Management: Help ensure Florida's transportation system can meet national defense and emergency response and evacuation needs.

**PROJECT SCOPE OF WORK:** *As an attachment to this document, please provide 1) A detailed description of the project, 2) A project timeline, including proposed dates to begin operations and/or contractually obligated dates for delivering services, 3) A budget outline for the project including sources for matching funds, and 4) Final deliverables, i.e. final payment would be made upon completion of \_\_\_\_\_.*

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**SUBMIT ELECTRONICALLY TO:**  
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