



**FORESTRY, FIRE & STATE LANDS  
REQUEST FOR PROPOSALS  
Cover Sheet**



<b>Project Title</b>	Spatial Avian Wetland Habitat Assessment Model for Great Salt Lake		
<b>Lead Project Sponsor</b>	The Cadmus Group, Inc.		
<b>Project Contact</b>	Name	Joel DeMasi, Contracts Manager	
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<b>Project Description / Abstract</b>	<p>The GIS-based Avian Wetland Habitat Assessment (AWHA) model was developed to assess the value of wetland habitat in the Farmington Bay wetlands for key colonial and migratory species. Valuable wetland habitat areas can be predicted with the application of weighted spatial metrics known to indicate the presence or absence of specific avian species. This proposed project will statistically validate the methodology developed for the Farmington Bay AWA model using readily available occurrence (bird count) data gathered from the Farmington Bay wetlands and the Bear River Migratory Bird Refuge. The validated model will then be applied to the entirety of the eastern-shore of the Great Salt Lake for identification of highly-valuable wetland habitat areas for avian species. By utilizing the resulting species-specific statistically-validated habitat data, managers will be able to prioritize the development of conservation and management strategies for highly valuable wetland units.</p>		
<b>Project Funding</b>	Amount Requested	Matching Funds	Total Project Cost
	\$ 60,000	\$ 16,673	\$ 76,673