



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



Project Title	Ostracod Reconnaissance of the Great Salt Lake Ecosystem, Utah		
Lead Project Sponsor	REDCON Inc.		
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Project Description / Abstract	<p>Ostracods are tiny Crustaceans found in all but the most extreme aquatic environments worldwide. Their soft body parts are enclosed within a calcium carbonate carapace or bivalve shell with excellent preservation potential. The most important characteristic of Ostracoda is their sensitivity to environmental change. Their potential to characterize aquatic environments and reconstruct paleoenvironments has been well documented in recent years. Fresh-water species have occupied the valley of Great Salt Lake for more than 30,000 years and their fossils are readily recovered from Lake Bonneville sediments. In spite of their utility, these microscopic creatures remain largely unknown and underutilized in the understanding and management of the Great Salt Lake ecosystem. While not occupying the hypersaline waters of the present lake, they are ubiquitous in the surrounding wetlands. A reconnaissance study is herein proposed to recover and identify living and fossil specimens from the immediate environ of Great Salt Lake, Utah.</p>		
Project Funding	Amount Requested	Matching Funds	Total Project Cost
	\$ 37,500	\$ 8,700	\$ 46,200