



EcoPlan Associates, Inc.
Environmental Science & Resource Economics

December 22, 2014

Melissa Bauer
Senior Procurement Specialist
State of Arizona, State Procurement Office
100 N. 15th Avenue, Suite 201
Phoenix, Arizona 85007

SUBMITTED VIA PROCURE.AZ.GOV

RE: ADSPO15-00004729
Annual Professional Services List RFQ – 2015
EcoPlan Proposal No. 14-01195

Dear Ms. Bauer:

EcoPlan Associates, Inc. (EcoPlan) is pleased to submit this statement of qualifications for the State Procurement Office 2015 Annual Professional Services List.

EcoPlan was formed in 1991 and consists of 34 employees. EcoPlan was specifically created to provide clients with a service combining resource economics and natural science. Compliance with federal and state environmental laws and regulations represent a major component of EcoPlan's work. Projects range from environmental compliance, cultural resources management, and environmental science with specialty studies.

Since 1991, EcoPlan has acquired valuable and specific experience working with several state and local agencies such as the Arizona Department of Transportation, Arizona State Land Department, Arizona Department of Water Resources, Maricopa County Department of Transportation, Flood Control District of Maricopa County, SRP, City of Phoenix, City of Tucson, and Yavapai County, among others. EcoPlan is qualified and experienced in the completion of a wide variety of research surveys and studies. Research and field surveys of threatened and endangered species, terrestrial and aquatic habitat conservation studies, wetland delineations, compliance with Sections 401 and 404 of the Clean Water Act, and management of cultural resources as required under the National Historic Preservation Act represent a few examples of our research assignments.

Included in our online submittal are the completed Attachments I and II from the Annual Request for Qualifications and Experience No: ADSPO15-00004729. We have acknowledged all amendments to the ARQ online at procure.az.gov.

Please contact me at 480-733-6666, extension 115 if you have any questions. Thank you for your time and consideration.

Sincerely,
EcoPlan Associates, Inc.

F. Bruce Brown
Principal



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	EcoPlan Associates, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	701 W. Southern Ave., Suite 203
c. FIRM (OR BRANCH OFFICE) CITY:	Mesa
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85210
f. YEAR ESTABLISHED:	1991
(g1). OWNERSHIP - TYPE:	S Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h. POINT OF CONTACT NAME AND TITLE:	F. Bruce Brown
i. POINT OF CONTACT TELEPHONE NUMBER:	480-733-6666 x115
j. POINT OF CONTACT E-MAIL ADDRESS:	bbrown@ecoplanaz.com
k. NAME OF FIRM (If block 1a is a branch office):	



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(If a firm has branch offices, complete for each specific branch office seeking work.)

1. Annual Request for Qualifications

a. FIRM (OR BRANCH OFFICE) NAME:	EcoPlan Associates, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	78 W. Cushing Street
c. FIRM (OR BRANCH OFFICE) CITY:	Tucson
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85701
f. YEAR ESTABLISHED:	2006
(g1). OWNERSHIP - TYPE:	S Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h. POINT OF CONTACT NAME AND TITLE:	George Ruffner, Ph.D. President
i. POINT OF CONTACT TELEPHONE NUMBER:	480-733-6666 x117
j. POINT OF CONTACT E-MAIL ADDRESS:	gruffner@ecoplanaz.com
k. NAME OF FIRM (If block 1a is a branch office):	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME George A. Ruffner, Ph.D.	b. ROLE IN THIS CONTRACT Principal-in-Charge	c. YEARS EXPERIENCE	
		1. TOTAL 46	2. WITH CURRENT FIRM 24
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Doctor of Philosophy, Botany, Arizona State University, 1985 Master of Science, Wildlife, Texas A&M University, 1975 Bachelor of Science, Zoology, Northern Arizona University, 1972		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> I-17, Maricopa TI – SR 101L, Maricopa County, Arizona	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Ruffner is serving as principal-in-charge for an on-going multi-year ADOT Management Consultant contract. For this task order, EcoPlan is responsible for participating in environmental team meetings during development of the Environmental Impact Statement (EIS), stakeholder meetings, assistance in planning of and preparation for agency/public scoping meetings, participation in the agency and public scoping meetings, and preparation of scoping letters. This project is ongoing and the contract amount for professional services is \$696,264.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> I-17, Douglas TI – Cherry Road, Yavapai County, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Ruffner served as principal-in-charge for this pavement preservation project. Tasks included preparation of a Biological Review, Cultural Resource Investigation and Public/Agency Scoping. EcoPlan worked with Arizona Department of Transportation and the Prescott National Forest to address potential impacts to the narrow-headed Garter snakes, which are a proposed threatened species and had habitat near the project limits. The contract amount for this project is \$32,678.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Biological Assessment for Arizona, Statewide, Arizona	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Ruffner is serving as principal-in-charge for preparation of a Biological Assessment (BA) and on-going Endangered Species Act (ESA) Section 7 consultation for this Federal Emergency Management Agency's (FEMA's) implementation of the National Flood Insurance Program (NFIP) in Arizona. This project is ongoing and the contract amount for the professional services is \$173,080.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 79 @ SR79 B, Florence, Arizona	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Arizona Department of Transportation proposed to improve the intersection of SR 79 and SR79B, through construction of a roundabout. EcoPlan has been contracted to identify environmentally sensitive areas to guide the project location and assist with public involvement. The tasks include Biology and Cultural Resource Investigation, Hazardous Materials Assessment and Public/Agency Scoping. Dr. Ruffner serves as the principal-in-charge on this project. The project is ongoing and the contract amount for the professional services is \$84,560.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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5.	(1) TITLE AND LOCATION (<i>City and State</i>) SR 77 at Dripping Springs Bridge, Gila County, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Arizona Department of Transportation planned to replace a bridge over Dripping Springs Wash on SR 77, north of Wilkelman. EcoPlan has completed Biological and Cultural Resource Investigations including the preparation of a Biological Evaluation (BE), a preliminary jurisdictional delineation, Section 404 Permitting, and Public/Agency Scoping. Dr. Ruffner served as principal-in-charge for this project. The contract amount for the professional services was \$39,398.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME Ron van Ommeren	b. ROLE IN THIS CONTRACT Senior Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 7

d. LOCATION *(City and State)*
Tucson, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

Master of Science, Biology, Northern Arizona University, 1997
Bachelor of Science, Biology, Northern Arizona University, 1990

f. PROFESSIONAL TRAINING - REGISTRATIONS
Training:
Stormwater Management and Erosion Control (Rocky Mountain Education Center 2009)
Wetland Communities and Their Common Species (Colorado Native Plant Society [CONPS] 2009)
Colorado Willow Identification (CONPS 2008)
Army Corps of Engineers 1987 Manual and Interim Regional Supplement Wetland Delineation Training Program (Richard Chinn Environmental Training, Inc. 2008)
Stream Geomorphology Workshop (Arizona Riparian Council [ARC] 2006)
Alluvial Fan Flood Hazard Management Symposium (Flood Control District of Maricopa County 2005)
Restoring Riparian Habitats: Removing Exotic Species; Restoring Native Species; Stream Bank Stabilization (ARC 2005)
Chiricahua Leopard Frog Certification Workshop (AGFD & USFWS 2003)
Training to Conduct Cactus Ferruginous Pygmy-owl Surveys (AGFD & USFWS 2000, 2002, 2004)
Section 404 Environmental Training Program (City of Phoenix Office of Environmental Programs 2001 & 2003)
Interagency Endangered Species Act Workshop (USFWS 2000)
Wetlands and 404 Permitting (American Society of Civil Engineers 1998)
Training to Conduct Southwestern Willow Flycatcher Surveys (AGFD & USFWS 1993 & 1997)
Workshop on Preparation of Biological Assessments & Evaluations (U.S. Forest Service 1993)
Applying the NEPA Process (Shiple and Associates 1992)
Writing Effective NEPA Documents (Shiple and Associates 1992)
Training and Certification to Conduct Surveys for Mexican Spotted Owls (U.S. Forest Service 1990).

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Publications:
Van Ommeren, R. and A. Helmstetter. 2004. Vertebrate wildlife and habitat relationships in an urban park setting: Papago Park, Phoenix, Arizona. Pp. 210-221 in Shaw, W.W., L.K. Harris and L. VanDruff, eds. Proceedings of the 4th International Symposium on Urban Wildlife Conservation. May 1-5, 1999, Tucson, AZ. 368 pages
Van Ommeren, R.J. and A.D. Flesch. 2002. Avian responses to playback Ferruginous Pygmy-owl vocalizations in occupied and unoccupied areas. Presented at the 35th Joint Annual Meeting of the Arizona/New Mexico Chapters of the American Fisheries Society and the Wildlife Society, February 7-9, Safford, and at the Fourth Conference on Research and Resource Management in the Southwestern Deserts, May 15-17, Tucson
Van Ommeren, R.J. and T.G. Whitham. 2001. Changes in interactions between juniper and mistletoe mediated by shared avian frugivores: parasitism to potential mutualism. *Oecologia* 130: 281-288; Van Ommeren, R.J. 2001. Species composition on reclaimed ski runs compared with unseeded areas. *Journal of Range Management* 54: 307-311.
Van Ommeren, R.J. 1999. Relative abundance and habitat characteristics of Flammulated Owls in a logged and unlogged forest in northern Arizona. Presented at Wildlife Society Annual Meeting, Gallup, NM
Organizations:
Colorado Native Plant Society
Rocky Mountain Bird Observatory
Rocky Mountain Association of Environmental Professionals



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H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) BA for Arizona, statewide, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. van Ommeren is serving as project manager and senior environmental planner for the preparation of a BA and associated Section 7 consultation addressing the effects of FEMA's implementation of its NFIP on all listed and candidates species in Arizona. This project is ongoing and the contract amount for professional services is \$106,568.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (<i>City and State</i>) Lake Nighthorse Recreation Master Plan EA, Durango, Colorado	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. van Ommeren is serving as project manager for preparation of an EA for a Recreation Master Plan for the U.S. Bureau of Reclamation at Lake Nighthorse, a storage reservoir that is part of the Animas-La Plata project in southwestern Colorado. This project is ongoing and the contract amount for professional services is \$63,450.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (<i>City and State</i>) Tartesso West 2014 Mitigation Monitoring, Buckeye, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. van Ommeren is serving as project manager for annual mitigation monitoring at a master-planned community in Buckeye, Arizona. With another firm, he will prepare the Habitat Mitigation and Monitoring Plan and assist with obtaining a Section 404 individual 404 permit. The contract amount for professional services is \$5,083.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>) I-10, San Pedro Bridges, Cochise County, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. van Ommeren is serving as senior biologist for the preparation of a BR addressing bridge repairs/improvements at the I-10 crossing of the San Pedro River east of Benson. This includes development of mitigation measures to address bats roosting under the bridge. This project is ongoing and the contract amount for professional services is \$44,209.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) San Carlos Irrigation and Drainage District Phase II BA, Florence and Casa Grande, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. van Ommeren is serving as senior scientist for preparation of a BA for irrigation canal system improvements in south-central, Arizona. This includes analysis of construction-related flow changes in the Gila River on listed and proposed species including the Southwestern willow flycatcher, the Yuma clapper rail, yellow-billed cuckoo, and listed fish species. This project is ongoing and the contract amount for professional services is \$25,735.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME Leslie J. Stafford	b. ROLE IN THIS CONTRACT Environmental Coordinator/Manager and Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 34	2. WITH CURRENT FIRM 19
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Physical Geography, Arizona State University, 1979		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> National Environmental Policy Act Consultant Training – August 30, 2011 – Nebraska Department of Roads			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> San Carlos Irrigation Project Phase 2 Rehabilitation Project EIS, Graham and Pinal counties, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE EcoPlan was awarded a contract by the Bureau of Reclamation to complete an Environmental Impact Statement for Phase 2 rehabilitation components of the San Carlos Irrigation Project. The project scope includes monthly project meetings, regular collaboration with the project engineers for development of alternatives, preparation of a Biological Assessment, Cultural Resources Investigations, participation in an interagency working group, and preparation of the Environmental Impact Statement. Ms. Stafford is serving as EcoPlan's Environmental Coordinator and is the primary author for the ongoing preparation of the Environmental Impact Statement. This project is ongoing and the contract amount for professional services is \$358,096.00.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Window Rock Point of Entry Environmental Assessment (EA), Window Rock, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE EcoPlan has prepared an Environmental Assessment for renewal of Arizona Department of Transportation's lease for the Window Rock Point of Entry Station on the Navajo Nation in Apache County. This task was being completed under an On-Call Environmental Services contract with Arizona Department of Transportation - Procurement Division. Ms. Stafford served as the Project Manager and lead Environmental Planner for ongoing National Environmental Policy Act compliance documentation. The contract amount for the professional services is \$19,620.84	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Katherine Landing Access Road Rehabilitation Environmental Assessment, Mohave County, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE EcoPlan prepared an Environmental Assessment and supporting technical documents for improvements to the 3.87-mile Katherine Landing Access Road in Lake Mead National Recreation Area. EcoPlan also completed a cultural resource survey, found and recorded several historic-age properties, assessed their eligibility for listing on the National Register of Historic Places, and prepared a report to document the findings. EcoPlan also conducted a biological reconnaissance of the study area and prepared an associated report, and completed a field survey of the study area to identify the presences of wetlands and other waters and documented the results in a memorandum. Ms. Stafford served as Environmental Coordinator for this project. The total contract amount for professional services is \$76,417.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Statewide DMS Phase 10, statewide, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE EcoPlan provided environmental clearances for 10 Dynamic Message Signs on Arizona Department of Transportation roadways throughout Arizona. Tasks completed included preparation of a Biological Review, Hazardous Materials and Cultural Resources Investigations, Public Scoping, and preparation of a Categorical Exclusion for compliance with National Environmental Policy Act. Ms. Stafford served as the project manager and the contract amount for professional services was \$37,169.00.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) Low Volume Roads (TT410), Maricopa County, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="938 443 1237 527">Professional Services Not yet completed</td> <td data-bbox="1237 443 1477 527">Construction (if applicable) N/A</td> </tr> </table>	Professional Services Not yet completed	Construction (if applicable) N/A
Professional Services Not yet completed	Construction (if applicable) N/A			
	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Under a multi-year contract, EcoPlan is preparing environmental clearances on behalf of the Maricopa County Department of Transportation for the paving of multiple roadways segments throughout the county. Tasks include preparation of a BR, Cultural Resources Investigations, and preparation of a Categorical Exclusion for compliance with National Environmental Policy Act. Ms. Stafford is serving as Environmental Coordinator and Senior Project Manager. This project is currently ongoing and has a professional services contract amount of \$132,685.</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>		



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

<p>a. NAME Michael R. Dawson</p>	<p>b. ROLE IN THIS CONTRACT Project Manager and Senior Environmental Planner</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 30</td> <td style="width:50%;">2. WITH CURRENT FIRM 8</td> </tr> </table>		1. TOTAL 30	2. WITH CURRENT FIRM 8
1. TOTAL 30	2. WITH CURRENT FIRM 8				
<p>d. LOCATION <i>(City and State)</i> Tucson, Arizona</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Natural Resources and Recreation Management, University of Arizona, 1978</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS</p> <p><u>Training:</u> Public Involvement Techniques, Federal Highway Administration/National Highway Institute Project Development and Environmental Documentation, Federal Highway Administration/ National Highway Institute Practical Conflict Management Skills to Resolve Highway/Wetland Issues, Federal Highway Administration/National Highway Institute Endangered Species Act Training, U.S. Fish and Wildlife Service Integrated Resource Management, U.S. Department of Agriculture Management School, Maricopa County Management Institute</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i></p> <p><u>Organizations:</u> National Association of Environmental Professionals Arizona Association of Environmental Professionals-Board Member (2006-current) National Audubon Society Friends of Sabino Canyon Association</p>					

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
1.	Speedway Boulevard Underpass as Union Pacific Railroad, Pima County, Tucson, Arizona.	Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE EcoPlan conducted Public and Agency Scoping and prepared an Environmental Assessment and completed supporting technical studies/reports for the proposed widening of Speedway Boulevard between I-10 and Main Avenue. Supporting studies addressed Biological and Cultural Resources, Socioeconomics, Air Quality, Noise, and Hazardous Materials. Mr. Dawson is serving as Project Manager and Senior Environmental Planner. The total contract value is \$126,808.81.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Pima County Department of Transportation Sunset and I-10 Traffic Interchange, Tucson, Arizona.	Professional Services Not yet completed	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE For proposed improvements to this traffic interchange along I-10, EcoPlan will assist with public participation and agency coordination, prepare a preliminary jurisdictional delineation that includes an assessment of special aquatic sites, assist with Clean Water Act Section 404 permitting, and prepare an Environmental Assessment and Mitigation Report. Mr. Dawson is serving as Project Manager. This project is ongoing and the contract amount for professional services is \$95,036.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Wintersburg Parkway Corridor Feasibility Study, Maricopa County, Arizona.	Professional Services Not yet completed	Construction (if applicable) N/A



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	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. Dawson is serving a environmental project manager for the preparation of an Environmental Overview, which covers an approximately 24-mile corridor to be developed as an Arizona Parkway as identified in the Maricopa Association of Governments I-10/Hassayampa Valley Transportation Framework Study. He is working closely with the project team and stakeholders to identify issues that may affect the corridor. Examples of the issues of primary concern include wildlife connectivity, special status species, and future master planned communities. This project is ongoing and the contract amount for professional services is \$30,625.</p>	<input checked="" type="checkbox"/>	<p>Check if project performed with current firm</p>
4.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) El Corazon Bank Protection and River Park, Tucson, Arizona.</p>	(2) YEAR COMPLETED	
		<p>Professional Services Not yet completed</p>	<p>Construction (if applicable) N/A</p>
	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE EcoPlan will assist in this project by preparing a Section 404 individual permit, including preparation of an alternatives analysis, permit application, and agency coordination. Mr. Dawson is serving as the project manager. This project is ongoing and the contract amount for professional services is \$30,459.</p>	<input checked="" type="checkbox"/>	<p>Check if project performed with current firm</p>
5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) Camino de Oeste Final Design and Environmental Clearance, Pascua Yaqui Indian Community, Arizona.</p>	(2) YEAR COMPLETED	
		<p>Professional Services Not yet completed</p>	<p>Construction (if applicable) N/A</p>
	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE EcoPlan is providing environmental support services for proposed roadway and traffic improvements on the Pascua Yaqui Indian Reservation near Tucson. These include cultural resources surveys, preparation of a BR, a preliminary jurisdictional delineation and pre-construction notification for Section 404 compliance, and an EA on behalf of the Bureau of Indian Affairs. Mr. Dawson is serving as project manager and senior environmental planner. This project is ongoing and the contract amount for professional services is \$36,192.</p>	<input checked="" type="checkbox"/>	<p>Check if project performed with current firm</p>



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

<p>a. NAME Sarah Beloshapka</p>	<p>b. ROLE IN THIS CONTRACT Senior Environmental Planner</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 22</td> <td style="width:50%;">2. WITH CURRENT FIRM 14</td> </tr> </table>		1. TOTAL 22	2. WITH CURRENT FIRM 14
1. TOTAL 22	2. WITH CURRENT FIRM 14				
<p>d. LOCATION <i>(City and State)</i> Mesa, Arizona</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Environmental Planning, Arizona State University, 2002 Bachelor of Science, Renewable Natural Resources, University of Arizona, 1994</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS Training: National Environmental Policy Act and the Transportation Decision-making Process, Federal Highway Administration Storm Water Pollution Prevention Plan, 20 hours' training certification Nationwide Permits Overview, Wetland Training Institute National Environmental Policy Act Process in Transportation, Federal Highway Administration, Arizona Department of Transportation, and the Nevada Department of Transportation</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i></p>					

H. RELEVANT PROJECTS

1.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Peacock Wash Bridge and Big Sandy Wash Bridge, Mohave County, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2014</td> <td style="width:50%;">Construction (if applicable) N/A</td> </tr> </table>		Professional Services 2014	Construction (if applicable) N/A
	Professional Services 2014	Construction (if applicable) N/A			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>Ms. Beloshapka served as project manager and NEPA specialist for two bridge improvements along I-40 east of Kingman. Project tasks included cultural resources investigations, completion of a BR, a preliminary jurisdictional delineation, Section 404 permitting, hazardous materials investigation, and public and agency scoping. The contract amount for professional services is \$41,511.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
2.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> SRPMIC Section 12, Maricopa County, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Professional Services Not yet completed</td> <td>Construction (if applicable) N/A</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable) N/A
	Professional Services Not yet completed	Construction (if applicable) N/A			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>The Salt River Pima Maricopa Indian Community is planning to extend Pima Road and construct collector roads. Ms. Beloshapka is serving as project manager and NEPA specialist for services that include cultural resources investigation, a BR, a hazardous materials assessment, and preparation of an EA. This project is ongoing and the contract amount for professional services is \$180,438.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
3.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Grand Canal Multi-use Path, Phoenix, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Professional Services 2014</td> <td>Construction (if applicable) N/A</td> </tr> </table>		Professional Services 2014	Construction (if applicable) N/A
	Professional Services 2014	Construction (if applicable) N/A			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>City of Phoenix planned to develop a multi-use path along 16th Street Indian School Road, and the Grand Canal. Ms. Beloshapka served as project manager and was responsible for tasks that included public and agency scoping, NEPA compliance, biological and cultural resources investigations, and hazardous materials assessment. The contract amount for professional services is \$11,098.59.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
4.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Buckskin Mountain State Park, La Paz County, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Professional Services Not yet completed</td> <td>Construction (if applicable) N/A</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable) N/A
	Professional Services Not yet completed	Construction (if applicable) N/A			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p>					



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	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE ADOT is planning improvements to this state park, including constructing a new boat launch, removing existing cabanas and replacing with RV sites, bank stabilization, and constructing additional parking facilities. EcoPlan is completing public and agency scoping, a preliminary jurisdictional delineation, Section 404 permitting, a BE, and cultural resources surveys. Ms. Beloshapka is serving as project manager. This project is ongoing and the contract amount for professional services is \$44,739.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) High Risk Rural Roads Program, Mohave County, Arizona.</p>	<p>(2) YEAR COMPLETED</p>	
	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE EcoPlan is providing environmental compliance services for five distinct project components located throughout Mohave County. Tasks include public and agency scoping, biological and cultural resources investigations, hazardous materials assessments, and NEPA documentation. This project is ongoing and the contract amount for professional services is \$68,107.</p>	<p>Professional Services Not yet completed</p>	<p>Construction (if applicable) N/A</p>



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME J. Simon Bruder, Ph.D.	b. ROLE IN THIS CONTRACT Director, Cultural Resources Group	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 12

d. LOCATION *(City and State)*
Mesa, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
Doctor of Philosophy, Anthropology, Arizona State University, 1982
Master of Arts, Anthropology, Arizona State University, 1975
Bachelor of Fine Arts, Painting, University of Wisconsin, 1968

g. PROFESSIONAL TRAINING – REGISTRATIONS
Registrations:
Register of Professional Archeologists, Arizona

Training:
Consulting with Native Americans, National Preservation Institute
Using the Revised Regulations to Implement Section 106 of the National Historic Preservation Act, Arizona State Historic Preservation Office
Cultural Resource Management Plans: Preparation and Implementation, National Preservation Institute
Introduction to Federal Projects and Historic Preservation Law, General Services Administration Training Center
Standard First Aid and Adult CPR
Excavation Safety for Competent Person Training (Occupational Safety and Health Administration certification)Public Involvement Techniques,
Federal Highway Administration/National Highway Institute.

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Publications:

- Co-author. 2008. Mobile Horticulturalists in the Western Papaguera. Kiva 74.1:7-69 (with Matthew E. Hill, Jr., Margaret E. Beck, and Bruce Phillips).
- Senior author. 2008. Chapter 29. The Mobak and Rainy Day Sites: Two Thousand Years of Repeated, Episodic Occupation on the Northern Margin of the Western Papaguera, by J. Simon Bruder and Matthew E. Hill, Jr. In Fragile Patterns: Perspectives on Western Papaguera Archaeology, edited by J. Altschul and A. Rankin. SRI Press, Tucson.
- Co-author. 2000. A Glimpse at Projectile Point Assemblages from Five Archaeological Sites Situated along the Eastern Periphery of Lonesome Valley, Arizona. In Archaeology in West-Central Arizona: Proceedings of the 1996 Arizona Archaeological Council Prescott Conference. Editors: T.N. Motsinger, D.R. Mitchell and J.M. McKie, pp. 27-37. Sharlot Hall Museum Press (with Kristopher S. Shepard).
- Author. 1991. A Look at Archaeological Ethnobiological Collaboration in Hohokam Studies. The Kiva 56(3) 193-205.
- Author. 1990. Reviews of Architecture and Stratigraphy. Investigations at the Pueblo Alto Complex Chaco Canyon, New Mexico. Vol. 11 by T.C. Windes, and Artifactual and Biological Analyses: Investigations at the Pueblo Alto Complex: Chaco Canyon, New Mexico. Vol. III edited by F.J. Mathien and T.C. Windes. In, American Antiquity, 55(4):864 866.
- Author. 1977. Changing Patterns in Papago Subsistence Strategies: Archaeology and Ethnohistory Compared. The Kiva 42:3 4:233 256.

Organizations:

- Sigma Xi (The Scientific Research Society of North America)
- Society for American Archaeology
- Arizona Archaeological Council
- Alaska Anthropological Association National Association of Environmental Professionals

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Garfield Infrastructure Improvements, Phoenix, Arizona.	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Professional Services Not yet completed	Construction (if applicable) N/A
		<input checked="" type="checkbox"/>	Check if project performed with current firm
EcoPlan is contracted with the City of Phoenix Street Transportation Department to provide archaeological monitoring for water main relocation and fire hydrant replacement in the Garfield neighborhood in central Phoenix. Tasks include coordination and permitting, construction monitoring, and report preparation. Dr. Bruder is serving as cultural resources principal investigator and the contract amount for professional services is \$93,083.			



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2.	(1) TITLE AND LOCATION (<i>City and State</i>) SR 264, US 191 to Sawmill Road, Navajo Nation, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Under an on-call contract with ADOT, EcoPlan completed Class I and Class III cultural resources surveys for proposed improvements along a 25-mile segment of SR 264 on the Navajo Nation. Tasks included surveys, report preparation, and consultation/coordination. Dr. Bruder served as cultural resources principal investigator and the contract amount for professional services was \$41,848.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (<i>City and State</i>) I-10, 3rd Avenue to 3rd Street, Deck Park Tunnel, Phoenix, Arizona.	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE ADOT plans to undertake repairs to mitigate irrigation and storm water infiltration problems affecting the I-10 Deck Park Tunnel between 3 rd Avenue and 3rd Street in the city of Phoenix. EcoPlan is preparing cultural consultation letters and a cultural initiation form. Dr. Bruder is serving in the role of principal investigator for cultural resources investigations. This project is ongoing and the contract amount for professional services is \$38,619.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>) US 60 Silver King Section - Superior	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Bruder is serving as cultural resources principal investigator in support of an Environmental Re-evaluation for this project. Tasks include cultural resources investigations and Section 4(f) analysis. This project is ongoing and the contract amount for professional services is \$38,231.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) SR 264 East of Coconino and Navajo County Line, Navajo County, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Bruder served as cultural resources principal investigator for ADOT proposed improvement on a segment of SR 264 on the Hopi Indian Reservation. Tasks included securing cultural avoidance commitments, preparing consultation letters and a consultation initiation form, and project close out. The project contract amount for professional services was \$21,314.	<input type="checkbox"/>	Check if project performed with current firm



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME Anna Neuzil, Ph.D.	b. ROLE IN THIS CONTRACT Project Director/Principal Investigator, Cultural Resources Group	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 6
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Ph.D., Anthropology, University of Arizona, 2005 Master of Arts, Anthropology, University of Arizona, 2001 Bachelor of Arts, Anthropology and Archaeology, University of Virginia,		f. PROFESSIONAL TRAINING - REGISTRATIONS OSHA Competent Person Training, given by United Rentals, Tucson, Arizona, 2010 Section 106 Training, given by the SRI Foundation, Marana, Arizona, 2006 Historic Preservation and Damage Assessment Workshop, cosponsored by the White Mountain Apache Tribe and the National Park Service, White River, Arizona, 2002.	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Publications:

in prep. An Ancient Cultural Melting Pot: Evidence for Multiple Migrations to the Safford Valley, A.D. 1000 to 1450. Chapter submitted for the edited volume stemming from the 2006 Mogollon Conference.

in prep. The Safford Basin and Aravaipa Creek: A Cultural Melting Pot of the Ancient Past (senior author with M.K. Woodson). Chapter submitted for edited volume stemming from the Amerind Seminar "Between the Hohokam and the Mimbres: Archaeology of a Land Between."

2008. In the Aftermath of Migration: Renegotiating Ancient Identity in Southeastern Arizona. Anthropological Papers of the University of Arizona, Number 73. The University of Arizona Press, Tucson, Arizona.

2008. Migration and Identity in the Safford and Aravaipa Valleys of Southeastern Arizona (senior author with M.K. Woodson). In Crossroads of the Southwest: Culture, Ethnicity, and Migration in Arizona's Safford Basin, edited by David Purcell, pp. 13-39. Cambridge University Press, Cambridge, United Kingdom.

2005. Corrugated Ceramics and Migration in the Pueblo III to Pueblo IV Transition, Silver Creek, Arizona. Kiva 71(1):101-124.

2002. Review of Salado Archaeology of the Upper Gila, New Mexico. Kiva 68(2):138-140

Organizations:

Society for American Archaeology

Arizona Archaeological and Historical Society

Arizona Archaeological Council

Awards:

Arizona Archaeological and Historical Society Appreciation Award, 2005

Emil W. Haury Education Fund Award, 11 awards from October 1999 to November 2004

Comins Fellowship Fund Award, 2001

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Neuzil served as project director and co-principal investigator for ADOT improvements along I-10, directing data recovery at multiple sites. The contract amount for professional services is \$2,870,808.46.	2014	N/A
		<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Marsh Station Traffic Interchange Relocation Project, Pima County, Arizona	2014	N/A
		Professional Services	Construction (if applicable)



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	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Neuzil served as project director for data recovery at six sites along I-10 east of Tucson near the Marsh Station traffic interchange. The contract amount for professional services was \$584,482.</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>		
3.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) US 60 Silver King to Superior Data Recovery, Superior, Arizona.</p> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Neuzil is serving as project director for this ADOT project. She collaboratively prepared a complex data recovery plan to mitigate the adverse effects on 28 archaeological, historical, and multicomponent sites. Analysis and Curation is currently underway. The contract amount for professional services is estimated at \$3,516,635.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>Professional Services Not yet completed</td> <td>Construction (if applicable) N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	Professional Services Not yet completed	Construction (if applicable) N/A
Professional Services Not yet completed	Construction (if applicable) N/A			
4.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) Pantano Wash Project, Tucson, Arizona.</p> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Neuzil is serving as principal investigator and project director for the Pantano Wash Project for Pima County Regional Flood Control District. She has directed pedestrian surveys and has made complex National Register recommendations for sites partially previously listed on the National Register. Data recovery expected to take place in 2015 and the contract amount for professional services is \$115,606.50.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>Professional Services Not yet completed</td> <td>Construction (if applicable) N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	Professional Services Not yet completed	Construction (if applicable) N/A
Professional Services Not yet completed	Construction (if applicable) N/A			
5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) Tsegi Passing Lanes Project, Tsegi Canyon, Arizona.</p> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Neuzil is serving as project director on this ADOT project, directing data recovery at three Pueblo II period sites along US 160 on the Navajo Reservation. This project is ongoing and the contract amount for professional services is \$768,913.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td>Professional Services Not yet completed</td> <td>Construction (if applicable) N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	Professional Services Not yet completed	Construction (if applicable) N/A
Professional Services Not yet completed	Construction (if applicable) N/A			



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

<p>a. NAME Douglas Avann</p>	<p>b. ROLE IN THIS CONTRACT Environmental Planner/Historic Preservation Specialist</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 17</td> <td style="width:50%;">2. WITH CURRENT FIRM 8</td> </tr> </table>		1. TOTAL 17	2. WITH CURRENT FIRM 8
1. TOTAL 17	2. WITH CURRENT FIRM 8				
<p>d. LOCATION <i>(City and State)</i> Mesa, Arizona</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i></p> <p>Master of Environmental Planning, Arizona State University, 2003 Bachelor of Arts, Anthropology, Arizona State University, 1997</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS</p> <p><i>Training:</i> Arizona Mobile Source Air Toxics Workshop, Federal Highway Administration Transportation Conformity Workshop, Arizona Department of Transportation Context Sensitive Solutions, Arizona Department of Transportation/Federal Highway Administration Preservation Maintenance: Understanding and Preserving Historic Buildings, National Preservation Institute Local Public Agency Project Manual Training, Arizona Department of Transportation</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i></p>					

H. RELEVANT PROJECTS

1.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Roadway Widening and Realignment - SR 260 Heber to Show Low, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2014</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services 2014	Construction (if applicable) Not applicable
	Professional Services 2014	Construction (if applicable) Not applicable			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Avann served as cultural resource specialist for the evaluation of National Register of Historic Places Eligibility of selected properties along SR 260 including the General Crook Trail, residential subdivisions, and rural historic landscapes at three homesteads along SR 260. The contract amount for professional services was \$71,678.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
2.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Silver King - US 60 Roadway Realignment, Superior, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services Not yet completed</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable) Not applicable
	Professional Services Not yet completed	Construction (if applicable) Not applicable			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Avann is serving as cultural resources specialist for the analysis of potential impacts to Section 4(f) resources along US 60 in the vicinity of Superior, Arizona. The subject Section 4(f) resources included the Boyce Thompson Arboretum State Park, historic buildings and structures, and municipal, recreational facilities. This project is ongoing and the contract amount for professional services is \$38,231.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			
3.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Whipple Road Roadway Reconstruction, Show Low, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services Not yet completed</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable) Not applicable
	Professional Services Not yet completed	Construction (if applicable) Not applicable			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Avann is serving as project manager, NEPA specialist, and cultural resources specialist for this roadway improvement project. His responsibilities include project management, public and agency scoping, completion of a CE Checklist, and completion of a cultural resources survey. The contract amount for professional services is \$28,289.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm ^{Mr.}</p>			
4.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> 8th Avenue - Bryce Intersection Reconstruction Project, Safford, Arizona.</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services Not yet completed</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable) Not applicable
Professional Services Not yet completed	Construction (if applicable) Not applicable				



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	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. Avann is serving as project manager and NEPA and cultural resources specialist for this project. His responsibilities include project management, completion of a cultural resources survey, analysis of potential effects to historic buildings and structures including the Graham Canal, completion of a CE Checklist, and public and agency scoping. This project is ongoing and the contract amount for professional services is \$50,277.</p>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>		
5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) Lake Havasu Avenue Reconstruction, Lake Havasu City, Arizona.</p> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. Avann served as project manager, NEPA specialist, and cultural resources specialist for this project. His responsibilities included project management, extensive public and agency scoping, completion of a cultural resources survey and report, and completion of a CE Checklist. The contract amount for professional services is \$22,310.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="889 443 1252 506">Professional Services 2014</td> <td data-bbox="1252 443 1477 506">Construction (if applicable) Not applicable</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	Professional Services 2014	Construction (if applicable) Not applicable
Professional Services 2014	Construction (if applicable) Not applicable			



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Sport Fish Stocking Program Statewide, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Game and Fish Department	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$253,235.94	e. TOTAL COST OF PROJECT \$249,816.47
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
- The Arizona Game and Fish Department (AGFD) proposed to continue its Sport Fish Stocking Program for a 10-year period by continuing to operate AGFD hatcheries and stock sport fish in selected rivers, streams, lakes, reservoirs, and other waters in the state of Arizona. The U.S. Fish and Wildlife Service (FWS), Sport Fish Restoration, served as the lead federal agency and EcoPlan was contracted to prepare an Environmental Assessment in compliance with the National Environmental Policy Act.
- The project, which involved up to 166 stocking sites across the state, required analysis of effects on special status wildlife and plant species including 20 aquatic and semi-aquatic species currently listed as threatened or endangered or that are candidates or potential candidates for listing, 12 other special status aquatic and semi-aquatic species, and over 40 other special status terrestrial species. Effects on statewide and urban recreational opportunities and socioeconomics were also critical to the analysis. The annual economic value of the stocking was estimated at \$542.5 million in Arizona.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> Biological Assessment for Arizona Statewide, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Not yet completed	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Department of Homeland Security – Federal Emergency Management Plan	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$173,080.00	e. TOTAL COST OF PROJECT \$154,351.47
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
- By court order, FEMA was required to prepare a Biological Assessment (BA) and to request initiation of consultation with the U.S. Fish and Wildlife Service (FWS) by May of 2012 on implementation of its National Flood Insurance Program (NFIP) in Arizona. EcoPlan was contracted to prepare the BA and assist with Section 7 consultation. The project involved close coordination with FEMA, FWS, and resource agencies and the preparation of a programmatic BA addressing effects of discretionary program elements on all listed, proposed, and candidate species in Arizona. EcoPlan completed the BA on schedule and is currently assisting FEMA with Section 7 consultation.



ATTACHMENT I – General Qualifications

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729**

**STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007**

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> San Carlos Irrigation Project Phase I EA and Phase II EIS Florence/Casa Grande, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Not yet completed	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Bureau of Reclamation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$421,461.60	e. TOTAL COST OF PROJECT \$298,977.36
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
The project was located in the San Carlos Irrigation and Drainage District (SCIDD), approximately 6.5 miles northeast of the town of Florence in Pinal County, Arizona. EcoPlan completed an EA and associated Administrative Record on behalf of the Bureau of Reclamation for the rehabilitation of the Ashurst-Hayden Diversion Dam and headworks on the Gila River and the construction of associated sediment removal and storage facilities in south-central Arizona. Issues of concern related to avoidance of cultural resources and high-quality, Sonoran Desert habitat, and impacts to the 100-year floodplain. The NEPA process was completed on time, supporting the initiation of Phase I construction. EcoPlan also completed a Preliminary Jurisdictional Delineation of Waters of the U.S. in areas above and below the dam to support subsequent Section 404 permitting actions for bank stabilization and headworks rehabilitation. For Phase II rehabilitation of the remaining SCIP facilities, EcoPlan was awarded a contract to complete an EIS.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION <i>(City and State)</i> I-10, Ruthrauff to Prince Road Tucson, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Not yet completed	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$43,138.00	e. TOTAL COST OF PROJECT \$20,615.73
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
EcoPlan prepared the FHWA environmental clearances on behalf of ADOT for a 1.5-mile widening and traffic interchange reconstruction near downtown Tucson, Arizona, along Interstate 10 from Milepost (MP) 252.3 near Ruthrauff Road to MP 254.8 near Prince Road. The project will convert I-10 from an overpass over Prince Road to an underpass, elevating Prince Road over I-10 and the Union Pacific Railroad (UPRR), and eliminating a busy, at-grade railroad crossing-the site of multiple accidents and fatalities. In addition to substantial coordination with the UPRR, the project required ROW acquisition and analysis of impacts to Section 4(f) properties. The Section 4(f) analysis involved four major prehistoric and historic sites, including the UPRR. Requiring up to a 1-year closure of the Prince Road interchange and related detours, the project included substantial public involvement and coordination with local businesses.



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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (City and State) Desert Ridge Superblock II Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Not yet completed	CONSTRUCTION (If applicable) N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Pulte Homes	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$137,533.00	e. TOTAL COST OF PROJECT \$123,283.00
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
EcoPlan is providing on-going mitigation monitoring, conducting quarterly field visits, and providing feedback to ensure the mitigation corridors are achieving the success criteria set out in the Section 404 permit and Desert Ridge Habitat Mitigation and Monitoring Plan. EcoPlan also serves on the Desert Ridge Technical Review Team, which assists the Arizona State Land Department in ensuring compliance with the Desert Ridge Section 404 permit



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6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	70%
b.	Percentage of Total Work Attributable to Non-Government Work:	30%

8. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.

Signature: F. Bruce Brown

Date: December 17, 2014

Name: F. Bruce Brown

Title: Principal