



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

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

DEFINITIONS

Architect Services, Engineer Services, Land Surveying Services, Assayer Services, Geologist Services and Landscape Architect Services: Those professional services within the scope of the practice of those services as provided in ARS § 32-101.

Branch Office: A geographically distinct place of business or subsidiary office of a firm that has a key role on the team.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Firm: Defined in ARS § 32-101(B.19.).

Key Personnel: Individuals who will have major contract responsibilities and/or provide unusual or unique expertise.

SPECIFIC INSTRUCTIONS:

1. Complete this form for each branch office seeking work under this RFQ.
 - a. – e. **Firm (or Branch Office) Name and Address.** Self-explanatory.
 - f. **Year Established.** Enter the year the firm (or branch office, if appropriate) was established under the current name.
 - g. **Ownership.**
 - (g1). *Type.* Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).
 - (g2). *Small Business Status.* A firm is a small business if the firm has less than 100 employees **or** has gross revenues of \$4 million or less.
 - h.-j. **Point of Contact.** Provide this information for a representative of the firm that the Customer can contact for additional information. The representative must be empowered to speak on contractual and policy matters.
 - k. **Name of Firm.** Enter the name of the firm.
2. **Employees by Discipline.**
 - a. Select disciplines from the List of Disciplines (Function Code) listed on Page 3 of 4 Instructions. For employees that do not qualify for any of the disciplines, select "Other". *Note: The intended searchable database indicated in the RFQ will be populated from the Qualifications Form I Excel attachment only.*
 - b. Each person can be counted only twice; once for his/her primary function and once for his/her secondary function. Primary and secondary functions should be indicated by including a "P" or an "S" in column b after the Description Title is given.
 - c-d. If the form is completed for a firm (including all branch offices), enter the number of employees by disciplines in column c. If the form is completed for a branch office, enter the number of employees by discipline in column d and for the firm in column c.
3. **Profile of Firm's Experience and Annual Average Revenue for Last Year.**
 - a. Enter the approximate number of projects the firm (or branch) has done attributable by Profile Code listed on Page 3 of 4 Instructions over the last year.



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- b. Enter the appropriate Profile Codes from Instructions Pages 3 of 4 that represent the type of work the firm (or branch) has done over the last year.
 - c. Using the Revenue Index Number on Page 3 of 6 Form, indicate the approximate revenue the firm has earned over the last year per Profile Code entered into the table.
4. **Resumes of Key Personnel Proposed for This Contract.** Complete this section for each key person who will participate in this contract.
- a. Self-explanatory.
 - b. Self-explanatory
 - c. Total years of relevant experience (block c1), and years of relevant experience with current firm, but not necessarily the same branch/office (block c2).
 - d. Name, City and State of the firm where the person currently works, which must correspond with one of the firms (or branch office or a firm, if appropriate) listed in Section 1.
 - e. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.
 - f. Provide information on current relevant professional registration(s) and in which State(s) they are current.
 - g. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.
 - h. Provide information on no more than five (5) projects in the last year which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section 5 for the project team if the person was not involved in any of those those projects or the person worked on other projects that were more relevant than the team projects in Section 5. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role.
5. **Example Projects Which Best Illustrate Firms Qualification for this contract.** Select project where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section 5 for each project. List no more than five (5) projects.
- a. Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
 - b. Enter the year completed of the professional services (such as planning, engineering study, or design), and/or the year completed if construction. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block f).
 - c. Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual.
 - d. Provide the original budget or not to exceed dollar amount for the project.
 - e. Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage complete and whether this project will be on budget, over or under budget.
 - f. Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss the relevance of the example project to this contract.
6. **Additional Information.** Use this section to provide additional information you feel may be necessary to describe your firm's qualifications for this contract.
7. **Annual Average Professional Services Revenues of Firm for Last 3 Years.** Complete this block for the firm or branch office for which this form is completed. In column a, enter an approximate percentage of total work attributable to State, Federal or Municipal Work. In column b, enter an approximate percentage of total work attributable to Non-Government work. Percentages should take into consideration work completed over the last 3 years.



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8. **Authorized Representative.** An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

List of Disciplines (Function Codes) for Question 2

- | | | |
|---------------------------|--|--------------------------|
| Aeronautical Engineer | Environmental Engineer | Mining Engineer |
| Agricultural Engineer | Environmental Scientist | Nuclear Engineer |
| Archeologist | Fire Protection Engineer | Petroleum Engineer |
| Architect | Geodetic Surveyor | Photogrammetrist |
| Architectural Engineering | Geographic Information System Specialist | Project Manager |
| Biologist | Geological Engineer | Sanitary Engineer |
| CADD Technician | Geologist | Soils Engineer |
| Chemical Engineer | Hydrographic Surveyor | Structural Engineer |
| Civil Engineer | Hydraulic Engineer | Technician/Analyst |
| Construction Manager | Hydrologist | Transportation Engineer |
| Construction Inspector | Industrial Engineer | Water Resources Engineer |
| Control Systems Engineer | Landscape Architect | |
| Cost Engineer/Estimator | Mechanical Engineer | |
| Ecologist | Metallurgical Engineer | |
| Electrical Engineer | | |

List of Experience Categories (Profile Codes for Question 3)

- | | |
|---|--|
| Acoustics, Noise Abatement | Dams (<i>Concrete; Arch</i>) |
| Aerial Photography; Airborne Data and Imagery Collection and Analysis | Dams (<i>Earth; Rock</i>); Dikes; Levees |
| Activity Centers | Desalinization (<i>Process and Facilities</i>) |
| Air Pollution Control | Design-Build - Preparation of Requests for Proposals |
| Airports; Navajds; Airport Lighting; Aircraft Fueling | Digital Elevation and Terrain Model Development |
| Airports; Terminals and Hangars; Freight Handling | Digital Orthophotography |
| Agricultural Development; Grain Storage; Farm Mechanization | Dining Halls; Clubs; Restaurants |
| Animal Facilities | Dredging Studies and Design |
| Anti-Terrorism/Force Protection | Design & Planning Structured Parking Facilities |
| Area Master Planning | Detention Security Systems |
| Auditoriums and Theaters | Disability / Special Needs |
| Automation; Controls; Instrumentation | Ecological and Archeological Investigations |
| Barracks; Dormitories | Educational Facilities; Classrooms |
| Bridge Design: Bridges | Electrical Studies and Design |
| Cartography | Electronics |
| Cemeteries (<i>Planning and Relocation</i>) | Elevators; Escalators; People-Movers |
| Chemical Processing and Storage | Energy / Water Auditing Savings |
| Child Care/Development Facilities | Energy Conservation; New Energy Sources |
| Codes; Standards; Ordinances | Environmental Impact Studies, Assessments or Statements |
| Cold Storage; Refrigeration and Fast Freeze | Fallout Shelters; Blast-Resistant Design |
| Commercial Building (<i>Low Rise</i>); Shopping Centers | Fire Protection |
| Community Facilities | Fisheries; Fish Ladders |
| Communications Systems; TV; Microwave | Forensic Engineering |
| Computer Facilities | Garages; Vehicles Maintenance Facilities; Parking |
| Conservation and Resource Management | Gas Systems (<i>Propane; Natural, Etc.</i>) |
| Construction Management | Geodetic Surveying: Ground and Airborne |
| Construction Surveying | Heating; Ventilating; Air Conditioning |
| Corrosion Control; Cathodic Protection Electrolysis | Highways; Streets; Airfield Paving; Parking Lots |
| Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting | Historical Preservation |
| Cryogenic Facilities | Hospital and Medical Facilities |
| Construction Materials Testing | Hotels; Motels |
| | <i>Housing (Residential, Multi-Family; Apartments; Condominiums)</i> |



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Hotels; Motels
Hydraulics and Pneumatics
Hydrographic Surveying
Industrial Buildings; Manufacturing Plants
Industrial Processes; Quality Control
Industrial Waste Treatment
Intelligent Transportation Systems
Infrastructure
Irrigation; Drainage
Judicial and Courtroom Facilities
Laboratories; Medical Research Facilities
Land Surveying
Landscape Architecture
Libraries; Museums; Galleries
Lighting (*Interior; Display; Theater, Etc.*)
Lighting (*Exteriors; Streets; Memorials; Athletic Fields, Etc.*)
Labs - General
Labs – Research – Dry
Labs – Research – Wet
LEED Accredited A/E
LEED Independent 3rd Party Building Commissioning
Mapping Location/Addressing Systems
Materials Handling Systems; Conveyors; Sorters
Metallurgy
Materials Testing
Measurement / Verification / Conservation Water Consumption Savings
Mining and Mineralogy
Medical Related
Modular Systems Design; Fabricated Structures or Components
Mold Investigation
Museums
Nuclear Facilities; Nuclear Shielding
Office Buildings; Industrial Parks
Outdoor Recreation
Petroleum and Fuel (*Storage and Distribution*)
Photogrammetry
Pipelines (*Cross-Country - Liquid and Gas*)
Phase I Environmental
Prisons & Correctional Facilities
Plumbing and Piping Design
Prisons and Correctional Facilities
Product, Machine Equipment Design Pneumatic Structures, Air-Support Buildings Power Generation, Transmission, Distribution Public Safety Facilities
Radar; Sonar; Radio and Radar Telescopes
Radio Frequency Systems and Shielding's
Railroad; Rapid Transit
Recreation Facilities (*Parks, Marinas, Etc.*)
Refrigeration Plants/Systems
Rehabilitation (*Buildings; Structures; Facilities*)
Research Facilities
Resources Recovery; Recycling
Roof Infrared Imaging to Identify Water Leaks

Roofing
Safety Engineering; Accident Studies; OSHA Studies
Security Systems; Intruder and Smoke Detection
Seismic Designs and Studies
Sewage Collection, Treatment and Disposal
Soils and Geologic Studies; Foundations
Solar Energy Utilization
Solid Wastes; Incineration; Landfill
Special Environments; Clean Rooms, Etc.
Structural Design; Special Structures
Surveying; Platting; Mapping; Flood Plain Studies
Sustainable Design
Swimming Pools
Storm Water Handling and Facilities
Specifications Writing
Toxicology
Testing and Inspection Services
Traffic and Transportation Engineering
Topographic Surveying and Mapping
Towers (*Self-Supporting and Guyed Systems*)
Tunnels and Subways
Traffic Studies
Transportation
Urban renewals; Community Development
Utilities (*Gas and Steam*)
Value Analysis; Life-Cycle Costing
Warehouse and Depots
Water Resources; Hydrology; Ground Water
Water Supply; Treatment and Distribution
Wind Tunnels; Research/Testing Facilities Design
Waste Water Treatment Facility
Water Well Rehabilitation; Water Well Work
Zoning; Land Use Studies



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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:	701 W. Southern Avenue, 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, extension 115
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.
i. POINT OF CONTACT TELEPHONE NUMBER:	(520)624-4326, extension 117
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.)*

<p>a. NAME George A. Ruffner, Ph.D.</p>	<p>b. ROLE IN THIS CONTRACT Principal-in-Charge</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 47</td> <td style="width:50%;">2. WITH CURRENT FIRM 25</td> </tr> </table>		1. TOTAL 47	2. WITH CURRENT FIRM 25
1. TOTAL 47	2. WITH CURRENT FIRM 25				
<p>d. LOCATION <i>(City and State)</i> Mesa, Arizona</p>					
<p>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</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS N/A</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> I-17, Maricopa TI – SR 101L Maricopa County, 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 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.</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> I-17, Douglas TI – Cherry Road Yavapai 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) 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 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.</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> Biological Assessment for Arizona Statewide, Arizona</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2015</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services 2015	Construction (if applicable) Not applicable
	Professional Services 2015	Construction (if applicable) Not applicable			
<p>(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.</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> SR 79 @ SR79 B Florence, Arizona</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2015</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services 2015	Construction (if applicable) Not applicable
	Professional Services 2015	Construction (if applicable) Not applicable			
<p>(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 was contracted to identify environmentally sensitive areas to guide the project location and assist with public involvement. The tasks included Biology, Cultural Resource Investigation, Hazardous Materials Assessment and Public/Agency Scoping. Dr. Ruffner served as the principal-in-charge on this project. The contract amount for this contract was \$385,659.</p>		<p align="center"><input checked="" type="checkbox"/> Check if project performed with current firm</p>			



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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 F. Bruce Brown	b. ROLE IN THIS CONTRACT Principal/Natural Resource Economist	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 24
d. LOCATION (City and State) Mesa, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science, Agriculture Economics, Utah State University, 1974 Bachelor of Science, Economic, Utah State University, 1973		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Lake Nighthorse Recreation Master Plan EA, Durango, Colorado	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Mr. Brown is serving as the principal-in-charge for the preparation of an Environmental Assessment 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 on-going and the contract amount for professional services is \$75,670.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Low Volume Roads (TT410) Maricopa County, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE O t0Dtqy p"ugt xgf "cu"r tpekr cn/lp/ ej cti g"ht "j ku"O ctelqr c" F gr ctvo gpvqh"Vtcur qt cvkqp"r tqlge"0GeqRrtp"r tgr ctgf "gp xkqpo gpwrfngctcegu"ht"j g" r cxlpi "qh"b wnk ng"tqcf y c{ "ugi o gpw"j tqwi j qw"O ctelqr c"Eqwpv(0Vcumi/lpenxf gf "j g"r tgr ct cvkqp"qh"b"DT."ewmwt cnlt guqwt eg"lpxguki cvkqpu"cpf "j g" r tgr ct cvkqp"qh"b"EG"ht"eqo r rncpeg"y kj "P GRC"0Vj g"eqpvtcev"co qwpv"ht"r tqhguukqpcr"ht"xlgu"y cu"834.8: 70	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) I tcpf "Ecpcri"O wnk"vug"Rc"j Rj qgp kz."C tk qpc"	(2) YEAR COMPLETED	
		Professional Services 4236	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE O t0Dtqy p"ugt xgf "cu"r tpekr cn/lp/ ej cti g"ht "j ku"Ek"l "qh"Rj qgp kz"r tqlge"0Vj g"Ek"l "qh"Rj qgp kz"r rcp pgi"vq"l g xgnr"e"b wnk"vug"r cy "c"mp i"38j "Ut ggv" lpf kcp"Uej qqn"l qcf "cpf "j g"l tcpf "Ecpcri"O t0Dtqy p"y cu"t gur qpukdng"ht"qxgtugkpi "beqr lpi "cumu."P GRC"eqo r rncpeg."dlqmj kecr"lcpf "ewmwt cnlt guqwt eg" lpxguki cvkqpu"cpf "c"j c"l ctf qw"b cvgtlcn"cuuguo gp"0Vj g"eqpvtcev"co qwpv"ht"r tqhguukqpcr"ht"xlgu"y cu"833.2: : 07; 0	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) Garfield Infrastructure Improvements, Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services Not yet completed	Construction (if applicable) Not applicable



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Mr. Brown is serving as principal-in-charge for this City of Phoenix Transportation Department contract to provide archaeological monitoring for water main relocation and fire hydrant replacement in the Garfield neighborhood in central Phoenix. Mr. Brown is currently overseeing coordination and permitting, construction monitoring, and report preparation. The contract amount for professional services is \$93,083.

(1) TITLE AND LOCATION (*City and State*)

South Phoenix Village Residential Redevelopment Project
Phoenix, Arizona

(2) YEAR COMPLETED

Professional Services

Not yet completed

Construction (if applicable)

Not applicable

5.

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Mr. Brown is currently serving as principal in charge for this project and is responsible overseeing archaeological site boundary testing, preparation of an end-of-fieldwork report, preparation of tribal consultation for three rounds of consultation under the City's programmatic agreement for U.S. Department of Housing and Urban Development funded activities. The project is on-going and the current contract amount for professional services is \$83,996.



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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 25	2. WITH CURRENT FIRM 8

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>) Biological Assessment for Arizona Statewide, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. van Ommeren served as project manager and senior environmental planner for the preparation of a Biological Assessment and associated Section 7 consultation addressing the effects of Federal Emergency Management Agency's implementation of its National Flood Insurance Program on all listed and candidates species in Arizona. The total contract amount for this project was \$173,080.		
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 <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. van Ommeren is serving as project manager for preparation of an Environmental Assessment 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 \$75,670.		
3.	(1) TITLE AND LOCATION (<i>City and State</i>) Tartesso West 2015 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 <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. van Ommeren is serving as project manager for annual mitigation monitoring at a master-planned community in Buckeye, Arizona. He will work with another firm to prepare the Habitat Mitigation and Monitoring Plan and assist with obtaining a Section 404 individual 404 permit. This project is ongoing and the contract amount for professional services is \$4,796.		
4.	(1) TITLE AND LOCATION (<i>City and State</i>) I-10, San Pedro Bridges Cochise County, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. van Ommeren served 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. The task included development of mitigation measures to address bats roosting under the bridge. The contract amount for tis project was \$52,282.		
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 2015	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
	Mr. van Ommeren served 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 contracted amount for professional services was \$114,147.		



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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 35	2. WITH CURRENT FIRM 20
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 at 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 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 2015</td> <td data-bbox="1237 443 1477 527">Construction (if applicable) N/A</td> </tr> </table>	Professional Services 2015	Construction (if applicable) N/A
Professional Services 2015	Construction (if applicable) N/A			
	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE EcoPlan is prepared environmental clearances on behalf of the Maricopa County Department of Transportation for the paving of multiple roadways segments throughout the county. Tasks included preparation of a BR, Cultural Resources Investigations, and preparation of a Categorical Exclusion for compliance with National Environmental Policy Act. Ms. Stafford served as Environmental Coordinator and Senior Project Manager. The professional services contract amount was \$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.)*

a. NAME Michael R. Dawson	b. ROLE IN THIS CONTRACT Project Manager and Senior Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Natural Resources and Recreation Management, University of Arizona, 1978		f. PROFESSIONAL TRAINING - REGISTRATIONS <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	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> <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			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Speedway Boulevard Underpass as Union Pacific Railroad Pima County, Tucson, 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 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.	(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 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 \$107,846.	<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.	(2) YEAR COMPLETED	
		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 served as environmental project manager for the preparation of an Environmental Overview, which covers an approximate 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 worked 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. The contracted amount for professional services was \$30,625.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm		
4.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) El Corazon Bank Protection and River Park Tucson, Arizona.</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>	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 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"/> Check if project performed with current firm		
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>	<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>	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 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"/> 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 Sarah Beloshapka	b. ROLE IN THIS CONTRACT Senior Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL 23	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
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		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	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Peacock Wash Bridge and Big Sandy Wash Bridge Mohave County, Arizona.	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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.	Professional Services 2014	Construction (if applicable) N/A
<input checked="" type="checkbox"/>		Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> SRPMIC Section 12 Maricopa County, Arizona.	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 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.	Professional Services Not yet completed	Construction (if applicable) N/A
<input checked="" type="checkbox"/>		Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Grand Canal Multi-use Path, Phoenix, Arizona.	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE City of Phoenix planned to develop a multi-use path along 16 th 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.	Professional Services 2014	Construction (if applicable) N/A
<input checked="" type="checkbox"/>		Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Buckskin Mountain State Park La Paz County, 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 type="checkbox"/>		Check if project performed with current firm	



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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>	<p><input checked="" type="checkbox"/> Check if project performed with current firm</p>		
5.	<p>(1) TITLE AND LOCATION (<i>City and State</i>) High Risk Rural Roads Program Mohave County, Arizona.</p> <p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE EcoPlan is provided environmental compliance services for five distinct project components located throughout Mohave County. Tasks included public and agency scoping, biological and cultural resources investigations, hazardous materials assessments, and NEPA documentation. Ms. Beloshapka served as the Senior Environmental Planner for this project. The contracted project amount was \$68,107.</p>	<p>(2) YEAR COMPLETED</p> <table border="1"> <tr> <td data-bbox="889 451 1250 546">Professional Services 2015</td> <td data-bbox="1250 451 1477 546">Construction (if applicable) N/A</td> </tr> </table> <p><input checked="" type="checkbox"/> Check if project performed with current firm</p>	Professional Services 2015	Construction (if applicable) N/A
Professional Services 2015	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.)*

a. NAME Douglas Avann	b. ROLE IN THIS CONTRACT Environmental Planner/Historic Preservation Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Environmental Planning, Arizona State University, 2003 Bachelor of Arts, Anthropology, Arizona State University, 1997		f. PROFESSIONAL TRAINING - REGISTRATIONS <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	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Roadway Widening and Realignment - SR 260 Heber to Show Low, Heber and Show Low, 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 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.		
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Silver King - US 60 Roadway Realignment Superior, 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. 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.		
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Whipple Road Roadway Reconstruction Show Low, 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 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 \$25,389.		
4.	(1) TITLE AND LOCATION <i>(City and State)</i> 8th Avenue - Bryce Intersection Reconstruction Project Safford, Arizona.	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) Not applicable
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		



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	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Mr. Avann is served as NEPA project manager and cultural resources specialist for this project. His responsibilities included 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. The contract amount for professional services was \$50,277.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm		
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="889 436 1252 506">Professional Services 2014</td> <td data-bbox="1252 436 1477 506">Construction (if applicable) Not applicable</td> </tr> </table> <input checked="" type="checkbox"/> Check if project performed with current firm	Professional Services 2014	Construction (if applicable) Not applicable
Professional Services 2014	Construction (if applicable) Not applicable			



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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., RPA	b. ROLE IN THIS CONTRACT Director, Cultural Resources Group	c. YEARS EXPERIENCE	
		1. TOTAL 42	2. WITH CURRENT FIRM 13
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 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 <u>Registrations:</u> Register of Professional Archeologists, Arizona <u>Training:</u> 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	
		Professional Services Not yet completed	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<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 2015	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 prepared cultural consultation letters and a cultural initiation form. Dr. Bruder served in the role of principal investigator for cultural resources investigations. The project contract amount was \$65,011.	<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 Superior, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Dr. Bruder is served as cultural resources principal investigator in support of an Environmental Re-evaluation for this project. Tasks included cultural resources investigations and Section 4(f) analysis. The contract amount for professional services was \$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 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.)*

<p>a. NAME Jesse A.M. Ballenger Ph.D., RPA</p>	<p>b. ROLE IN THIS CONTRACT Cultural Principal Investigator/ Project Director</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 15</td> <td style="width:50%;">2. WITH CURRENT FIRM 1</td> </tr> </table>		1. TOTAL 15	2. WITH CURRENT FIRM 1
1. TOTAL 15	2. WITH CURRENT FIRM 1				
<p>d. LOCATION <i>(City and State)</i> Tucson, Arizona</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i></p> <p>Doctor of Philosophy, Anthropology, University of Arizona, 2010 Master of Arts, Anthropology, University of Oklahoma, 1999 Bachelor of Arts, Anthropology, University of Oklahoma, 1995</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS</p> <p>Registrations: Register of Professional Archeologists, Arizona Society for American Archaeology Arizona Archaeological and Historical Society, President</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Dr. Ballenger serves as president of the Arizona Archaeological and Historical Society and is an adjunct assistant professor of anthropology at the University of Arizona.</p>					

H. RELEVANT PROJECTS

1.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Interstate 10 - Ina Road Traffic Interchange/Improvements to Ina Road and the Ina Road Bridge, Tucson, 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)</td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable)
	Professional Services Not yet completed	Construction (if applicable)			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Ballenger is currently serving as principal investigator and project director for this project. He is responsible for developing a treatment plan, cultural resources support of utility relocations, cultural fieldwork, post-field analysis, report preparation and curation. The current contract value is \$88,252.21</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> St. Mary River Bridge Project Glacier National Park, Montana</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 Dr. Ballenger serves as geoarchaeologist for this project and is responsible for archaeological survey, testing, and bank stability assessment of the St. Mary River Bridge site.</p>		<p align="center"><input type="checkbox"/> Check if project performed with current firm</p>			
3.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Murray Springs Clovis Site Condition Assessment San Pedro Riparian National Conservation Area, Arizona</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 4233</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services 4233	Construction (if applicable) Not applicable
	Professional Services 4233	Construction (if applicable) Not applicable			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Ballenger serves as principal investigator and project director for this project and was responsible for archaeological and paleoenvironmental condition assessment and bank stability assessment.</p>		<p align="center"><input type="checkbox"/> Check if project performed with current firm</p>			
4.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Phase III Data Recovery Luke Air Force Base, 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				



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Dr. Ballenger served as co-project director for this project and was responsible for data recovery at six archaeological sites within a 107-acre area.

(1) TITLE AND LOCATION (*City and State*)

Phase I Survey
Barry M. Goldwater Range East, Arizona

(2) YEAR COMPLETED

Professional Services
2015

Construction (if applicable)
Not applicable

5. (3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Dr. Ballenger served as project director for this project and was responsible for pedestrian survey and recordation of more than 80 archaeological sites located in existing road corridors.



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

<p>a. NAME Daniel Sorrell, MA, RPA</p>	<p>b. ROLE IN THIS CONTRACT Cultural Project Director</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 26</td> <td style="width:50%;">2. WITH CURRENT FIRM 11</td> </tr> </table>		1. TOTAL 26	2. WITH CURRENT FIRM 11
1. TOTAL 26	2. WITH CURRENT FIRM 11				
<p>d. LOCATION <i>(City and State)</i> Mesa, Arizona</p>					
<p>e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i></p> <p>Master of Arts, Anthropology, Northern Arizona University, 2005 Bachelor of Arts, Anthropology, University of Cincinnati, 1990</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS</p> <p>Registrations: Register of Professional Archeologists, Arizona American Statistical Association Southwest Archaeology Research Alliance</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Mr. Sorrell currently serves as co-founder and secretary of the Southwest Archaeology Research Alliance.</p>					

H. RELEVANT PROJECTS

1.	<p>(1) TITLE AND LOCATION <i>(City and State)</i> Garfield Infrastructure Improvements Phoenix, 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) </td> </tr> </table>		Professional Services Not yet completed	Construction (if applicable)
	Professional Services Not yet completed	Construction (if applicable) 			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p> <p>Mr. Sorrell is serving as cultural project director for this project and is responsible for archaeological coordination and permitting, construction monitoring, and report preparation, The current contract amount for professional services is \$93,083.</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> Wallow Fire Trails Apache-Sitgreaves National Forest Apache and Greenlee Counties, 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</p> <p>Mr. Sorrell served as cultural project director for cultural survey of 232 miles of recreational trails on the Apache-Sitgreaves National Forest. The total contract amount for the project was \$215,000.</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> Salt River Pima-Maricopa Indian Community Section 12 Master Plan Salt River Pima Maricopa Indian Community, 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</p> <p>Mr. Sorrell is currently serving as the cultural project director for this project. He has worked to co-direct testing at a prehistoric village site (AZ U:9:90 [ASM]). The project is on-going and the current contract amount is \$180,438.</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> US 191, Chinle to Many Farms Navajo Nation, Arizona</p>	<p>(2) YEAR COMPLETED</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2013</td> <td style="width:50%;">Construction (if applicable) Not applicable</td> </tr> </table>		Professional Services 2013	Construction (if applicable) Not applicable
	Professional Services 2013	Construction (if applicable) Not applicable			
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE</p>		<p align="center"><input type="checkbox"/> Check if project performed with current firm</p>			



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Mr. Sorrell served as project director for this project and was responsible for directing survey along US 191 between Chinle and Many Farms on the Navajo Nation. The contract amount for professional services was \$41,848.

(1) TITLE AND LOCATION (*City and State*)

South Phoenix Village Residential Redevelopment Project
Phoenix, Arizona

(2) YEAR COMPLETED

Professional Services
Not yet completed

Construction (if applicable)
Not applicable

5.

(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE

Check if project performed with current firm

Mr. Sorrell is currently serving as project director for this project and is responsible for conducting archaeological site boundary testing, preparing an end-of-fieldwork report, preparing tribal consultation for three rounds of consultation under the City's programmatic agreement for U.S. Department of Housing and Urban Development funded activities. The project is on-going and the current contract amount for professional services is \$83,996.



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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 (USFWS) 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 2015	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 \$172,844.02
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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.



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(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	

- 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> US 60: Silver King to Superior MP 202 to 227 Archaeological Investigation		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 PROJECT \$4,753,983	e. TOTAL COST OF PROJECT \$3,601,578.83	

- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
EcoPlan has been contracted by the Arizona Department of Transportation to complete an archaeological investigation and excavation. EcoPlan has prepared a segment-specific data recovery plan for the project, worked to obtain appropriate permits and agreements for the data recovery phase of the project, conducted archival research to better place historic features and sites. EcoPlan conducted fieldwork, including site mapping, interpretation and ground-truthing of previously collected LiDAR data, vegetation removal, and conducted systematic surface collections of artifacts. EcoPlan then completed Phase I data recovery and eligibility testing to define the areal extent of features at all sites. Phase I data recovery was accomplished with a combination of hand and mechanical trenching and stripping to expose both the vertical and horizontal extent of features and sites. Phase II data recovery was then undertaken at those sites EcoPlan determined to be eligible for the National Register. Ethnographic research was conducted to help interpret feature function and understanding of what the sites could tell us about Yavapai and Apache lifeways during the historic period. Interviews with Yavapai and Apache elders and cultural leaders as well as representatives of other interested tribes, were conducted in combination with a site tour. The results of the fieldwork were shared with professionals, interested public, and Native American groups that claim affiliation to the US 60 Silver King to Superior Project area. Following fieldwork, EcoPlan conducted analysis of human remains, artifacts, and collected samples. EcoPlan is working to prepare and submit the results in report format to the client. Project materials will be curated with the Arizona State Museum.



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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>	b. YEAR COMPLETED	
Desert Ridge Superblock II Phoenix, Arizona	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 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 \$126,280.53
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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 served 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: 12/18/2015

Name: F. Bruce Brown

Title: Principal