



# Offer and Acceptance

**State of Arizona**  
**State Procurement Office**

100 N. 15<sup>th</sup> Ave. Suite 201  
Phoenix, AZ 85007

SOLICITATION NO.: ADSP016-00005912 Request  
for Qualifications: 2016 Annual Professional  
Services List

PAGE  
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Offeror: Archaeological Consulting Services, Ltd.

OF  
1

## OFFER

### TO THE STATE OF ARIZONA:

The Undersigned hereby offers and agrees to furnish the material, service or construction in compliance with all terms, conditions, specifications and amendments in the Solicitation and any written exceptions in the offer. Signature also certifies Small Business status.

Archaeological Consulting Services, Ltd.

Company Name

424 West Broadway Road

Address

Tempe

AZ

85282

City

State

Zip

Signature of Person Authorized to Sign Offer

Margerie Green

Printed Name

President

Title

Phone:

(480) 894-5477

Fax:

(480) 894-5478

mgreen@acstempe.com

Contact Email Address

By signature in the Offer section above, the Offeror certifies:

1. The submission of the Offer did not involve collusion or other anticompetitive practices.
2. The Offeror shall not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465.
3. The Offeror has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer. Failure to provide a valid signature affirming the stipulations required by this clause shall result in rejection of the offer. Signing the offer with a false statement shall void the offer, any resulting contract and may be subject to legal remedies provided by law.
4. The Offeror certifies that the above referenced organization  IS/  IS NOT a small business with less than 100 employees or has gross revenues of \$4 million or less.

## ACCEPTANCE OF OFFER

The Offer is hereby accepted.

The Contractor is now bound to sell the materials or services listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc., and the Contractor's Offer as accepted by the State.

This Contract shall henceforth be referred to as Contract No. ADSP016-00005912

The effective date of the Contract is March 1, 2016

The Contractor is cautioned not to commence any billable work or to provide any material or service under this contract until Contractor receives purchase order, contact release document or written notice to proceed.

State of Arizona  
Awarded this

29

day of

February

20 16

Procurement Officer



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP016-00005912

STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> 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:	Archaeological Consulting Services, Ltd.
b. FIRM (OR BRANCH OFFICE) STREET:	424 W. Broadway Road
c. FIRM (OR BRANCH OFFICE) CITY:	Tempe
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85282

f. YEAR ESTABLISHED:	1977
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(g1). OWNERSHIP - TYPE:	Subchapter S
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	ADOT-certified woman-owned small/ disadvantaged business enterprise (DBE)

h. POINT OF CONTACT NAME AND TITLE:	Margerie Green, President
i. POINT OF CONTACT TELEPHONE NUMBER:	(480) 894-5477
j. POINT OF CONTACT E-MAIL ADDRESS:	mgreen@acstempe.com

k. NAME OF FIRM (If block 1a is a branch office):	
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**ATTACHMENT I – General Qualifications**

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

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Keith Scoular	Geologist/Senior Environmental Consultant	37	16

d. LOCATION (*City and State*)  
Archaeological Consulting Services, Ltd., Tempe, AZ

e. EDUCATION (*DEGREE AND SPECIALIZATION*)  
M.A., Geography; B.A., Anthropology/Archaeology

f. PROFESSIONAL TRAINING – REGISTRATIONS  
Registered Geologist (R.G.), Arizona (#33756)

g. OTHER PROFESSIONAL QUALIFICATIONS (*Organizations, Awards, etc.*)  
Certified Environmental Manager (C.E.M.), Nevada, 1999; Asbestos (AHERA) Building Inspector, 2005 (current); EPA Lead Risk Assessor, 2006 (current); 29 CFR 1910.120 HAZWOPER (current); HAZWOPER Site Supervisor (1990); DOT Hazardous Materials Transportation (2013); AGC-ADOT Erosion Control Coordinator (2013); Applied Fluvial Geomorphology, River Morphology & Applications, and River Assessment & Monitoring, Wildland Hydrology (2003); NGWA Fundamentals and Applications of Ground Water Chemistry (2001); NGWA Ground Water Management (2000).

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ADOT Environmental On-call; Preliminary Initial Site Assessments and/or Asbestos/LBP Surveys ( <i>AZ Statewide</i> )	Ongoing	n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Mr. Scoular is responsible for the completion of over 400 hazardous materials PISAs and/or asbestos and LBP assessments for highway projects for ADOT, MCDOT, and ADOT Local Government projects Mr. Scoular is responsible for managing these projects and reviewing the reports prepared for them. Various contracts since 2005.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Fertizona San Tan Facility Closure ( <i>Sacaton, AZ</i> )	2015	n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Mr. Scoular was responsible for development of the closure plan, regulatory and client interface, and the management of the site assessment and building demolition for the closure of the Fertizona San Tan agricultural chemical facility at the San Tan Industrial Park on the Gila River Indian Community. \$250,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	First Solar Environmental Programs, Procedures, and Compliance Plans ( <i>Various</i> )	2014	n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Responsible for providing assistance to First Solar staff in the development of waste management and water-related programs and procedures for facilities in Arizona, California, Nevada, and New Mexico. Additional responsibilities include the development of compliance plans for two solar power plants in California and assistance with environmental compliance assessments at two solar power plants in Arizona and one in California. Three-year project. \$92,600.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Phase I and II Site Assessments, 8th Avenue, Safford-Bryce Hwy, Airport Rd. ( <i>Graham County, AZ</i> )	2014	n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Responsible for a Phase I and Phase II Environmental site Assessment of ca. 23 acres of mixed-use land near the corner of 8th Avenue, Safford Bryce Highway, and Airport Road for a property transfer. Sampling included asbestos in soil and materials, semi-volatile organic compound (semi-VOCs), metals, and suspect mining slag. \$8,900.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME  Tracy McCarthy	b. ROLE IN THIS CONTRACT  Senior Biologist/Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 13

d. LOCATION (City and State)  
Archaeological Consulting Services, Ltd., Tempe, AZ

e. EDUCATION (DEGREE AND SPECIALIZATION) B.S., Wildlife Biology	f. PROFESSIONAL TRAINING - REGISTRATIONS n/a
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  
City of Phoenix CWA Section 404 Consultant Workshop (2012), CWA Section 404 AHS Workshop (2012), Burrowing Owl Survey Training (2008), Flat-tailed Horned Lizard Workshop (2007), Western Yellow-billed Cuckoo Workshop (2007), Shipley NEPA Cumulative Impacts (2005), USFWS Biological Assessment Preparation (2004), Desert Tortoise Council Desert Tortoise Survey and Handling Workshop (2003), BCI Bat Workshop (2003), Shipley NEPA Process and Document Preparation (2003), AGFD/USFWS Chiricahua Leopard Frog Survey/Identification Workshop (2003), USFWS, FERC Report Preparation and Environmental Compliance (2003), USFWS Endangered Species Act Training Workshop (1997)

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) I-15 Virgin River Bridge #1 (Mohave County, AZ)	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is conducting biological resource oversight, hazardous material assessments, and providing assistance with Clean Water Act Section 404 fieldwork (including wetland delineation). Ms. McCarthy reviewed the first draft biological document for quality control and technical accuracy and is assisting ADOT and Jacobs with the Endangered Species Act, Section 7 Formal Consultation process. \$23,669.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Silver Bar Mine Regional Landfill EA (Pinal County, AZ)	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is completing an Environmental Assessment (EA) for an access road to a proposed landfill, which crosses BLM land. Ms. McCarthy is the Senior NEPA Planner/Senior Biologist for the project, providing NEPA oversight and review and biological resource surveys and document review. \$84,725.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) ADOT Environmental On-call Biological Clearances (AZ Statewide)	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. McCarthy is responsible for ongoing biological compliance on statewide roadway projects, subcontracted with multiple firms on ADOT Environmental On-call Contracts, including SR 86 Kinney Rd. to Sandario Road, which involved surveys for Pima Pineapple Cactus.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) Agua Fria Multiuse Path and Pedestrian Bridge (Avondale, AZ)	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. McCarthy is the Project Manager for this ongoing project in which ACS as a subconsultant to PB is completing all Clean Water Act Section 404 permitting (including wetland delineation), Biological Evaluation (including Yuma clapper rail surveys), a Class I Cultural Resources report, and a hazardous materials assessment. Almost all of the draft technical reports have been submitted to ADOT for review. \$24,719.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Andrea Gregory	Cultural Principal Investigator	1. TOTAL 17	2. WITH CURRENT FIRM 15
d. LOCATION (City and State) Archaeological Consulting Services, Ltd., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) M.A., Anthropology (emphasis in Archaeology)		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Archaeologist (R.P.A.), nationwide	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Tempe Historic Preservation Commission, Chair; Tempe Historic Preservation Foundation Board of Directors; Arizona Archaeological Council; Advanced Section 106 Training, Arizona Preservation Conference (2007); City of Phoenix Natural and Cultural Resource Regulatory Compliance, Section 404, Clean Water Act (2005); Trench Safety OSHA Excavation Awareness Program (2002)			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Powerline Channel and Vineyard Road FRS (Queen Creek, AZ)	ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS conducted Class III survey of 1,622.5 acres for a dam rehabilitation analysis of the Powerline Channel, Vineyard Road, and Rittenhouse Flood Retarding Structures on behalf of the Flood Control District of Maricopa County. ACS prepared a treatment plan and programmatic agreement for the project, and is conducting archival research and phased eligibility testing and data recovery at 10 sites. Ms. Gregory serves as Principal Investigator for the project. \$2,436,199.		
2.	SCIDD Joint Works Rehabilitation (Florence, AZ)	ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is assisting the Bureau of Reclamation in administering Section 106 compliance for rehabilitation of a historic irrigation system. Through multiple task orders under our Reclamation on-call contract, ACS compiled a Class I literature review of the entire 8,000-acre Joint Works system in 2009, surveyed 450 acres at the Ashurst-Hayden Dam in 2010, developed and implemented a treatment plan for phased data recovery at two sites in 2011, surveyed 22 miles along Reaches 1 and 2 of the Florence Canal in 2011, surveyed additional right-of-way for Reaches 1 and 2 in 2013, and conducted eligibility testing and phase 1 data recovery investigations at six additional sites in 2014. Survey of Reaches 3 and 4 is currently underway. Ms. Gregory serves as PI for the project. Budget ongoing.		
3.	Gila River Indian Community On-call Analytical Services (Sacaton, AZ)	ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is an on-call contractor for analytical services for Gila River Indian Community (GRIC) projects. Services include faunal, shell, ceramic, historic, pollen, phytolith, flotation, and canal analysis, as well as providing qualified field archaeologists. ACS has completed over 100 projects for GRIC since 2007. Ms. Gregory is the lead for all GRIC consulting projects, and conducts faunal and shell analyses.		
4.	US 70 Safford to Solomon (Safford, AZ)	ongoing	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under a PB contract with ADOT, ACS conducted a cultural resource survey and geotechnical evaluation, biological assessment, Clean Water Act Section 404 work, PISA, and asbestos and lead-based paint testing for this 5-mile-long highway widening project. Cultural resource monitoring of geotechnical testing is in progress. ACS is assisting ADOT with ongoing consultation and drafting the Programmatic Agreement. Ms. Gregory is responsible for overseeing the cultural resource work. \$124,081.		



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a. NAME  Douglas R. Mitchell	b. ROLE IN THIS CONTRACT  Cultural Principal Investigator	c. YEARS EXPERIENCE	
		1. TOTAL 38	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i> Archaeological Consulting Services, Ltd., Tempe, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.A., Anthropology (emphasis in Archaeology)		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Archaeologist (R.P.A.), nationwide	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

Society for American Archaeology, Arizona Archaeological and Historical Society, Arizona Archaeological Council (board member 2006–2011, president 2007), Register of Professional Archaeologists (board member 2013–present)

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Northern Peoria Community Park Class I and Class III <i>(Peoria, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Under contract to J2 Engineering and Environmental Design, ACS is completing a Class I literature review of a 480 acre proposed park between the New and Agua Fria Rivers in Peoria. Following agency review of the Class I, a Class III survey will be conducted of the project area. Mr. Mitchell is the Principal Investigator for this project. \$32,614.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Ben Avery Shooting Range Survey and Site Evaluation <i>(Phoenix, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Under contract to the Arizona Game and Fish Department, ACS conducted a Class I and Class III study of site relocation and survey of the 1,567 acre Ben Avery Shooting Facility. Client: Arizona Game and Fish Department. Mr. Mitchell is the Principal Investigator for this project. \$112,209.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Townsend-Winona Road Improvement Survey <i>(Flagstaff, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Contracted by Parsons Brinckerhoff, ACS performed a Class I and Class III survey of an ADOT-funded road improvement of Townsend Winona Road in Flagstaff. Mr. Mitchell is the Principal Investigator for this project. \$16,414.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Gila River Indian Community PMIP Report <i>(Sacaton, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As part of ACS' on-call contract with the Gila River Indian Community, ACS was hired to assist in the editing and writing of the Pima Maricopa canal data recovery project. Mr. Mitchell is the Principal Investigator for this project. \$82,936.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME  Eileen Baden	b. ROLE IN THIS CONTRACT  Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL  6	2. WITH CURRENT FIRM  3

d. LOCATION (City and State)  
Archaeological Consulting Services, Ltd., Tempe, AZ

e. EDUCATION (DEGREE AND SPECIALIZATION) M.U.E.P., Master of Urban and Environmental Planning	f. PROFESSIONAL TRAINING - REGISTRATIONS American Institute of Certified Planners (AICP), LEED Green Associate
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  
Arizona Planning Association (AzAPA), Secretary for the Arizona Association of Environmental Professionals (AZAEP), Overview of the NEPA Process Training, SunPower Dealer Certification, Online Solar Training

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) Springerville Main Street Improvement Project (Springerville, AZ)	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Group II Categorical Exclusion (CE) for this main street improvement project, Ms. Baden was responsible for project management including completing all aspects of the public scoping process, and completing the CE. \$37,995.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Somerton Avenue and County 18 <sup>th</sup> Street Intersection Improvement (Yuma County, AZ)	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Group II Categorical Exclusion (CE) Checklist for this intersection improvement project. Ms. Baden was responsible for completing all aspects of the public scoping process and the CE. \$28,448.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) Town of Gilbert Pedestrian and Bicycle Mid-Block Crossings (Gilbert, AZ)	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Group II Categorical Exclusion (CE) for this pedestrian and bicycle mid-block crossings project. Ms. Baden was responsible for project coordination, Section 4(f) analysis, public outreach and completion of the CE. \$30,724.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) SR 287, Junction I-10 to La Palma Pavement Preservation and Shoulder Expansion (Casa Grande, AZ)	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Categorical Exclusion (CE) for this pavement preservation and shoulder expansion project. Ms. Baden was responsible for completing project coordination as well as all aspects of the public scoping process and the CE. \$27,439.	<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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Bradley Dilli	Director of Information Services	25	16
d. LOCATION ( <i>City and State</i> ) Archaeological Consulting Services, Ltd., Tempe, AZ			
e. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> ) M.A. Candidate, Geographic Information Systems		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> ) ITS Strategic Plan Service ( <i>Apache Junction, AZ</i> )	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Under Kimley-Horn and Associates Project Development On-call, Mr. Dilli, as Project Manager, is providing full GIS support to develop existing and proposed datasets to support Technical Memorandum 2 of the Strategic Plan. ACS has provided GIS map products and written needs and recommendations assessments to support the Strategic Plan. Final deliverables will include a geodatabase of existing and proposed datasets for the ITS Strategic Plan. \$16,705.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Statewide Weigh-In-Motion System ( <i>statewide, AZ</i> )	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Under a PB contract with ADOT, ACS provided biological assessments, PISA, and cultural resource Phase 1 review for the statewide WIM project feasibility study. The purpose of the study is to enhance the existing network of WIM stations along freeways throughout the state. Mr. Dilli managed the project for ACS, created GIS datasets for multiple WIM locations, worked with client to establish and finalize shifting locations, and provided guidance to help streamline the process. \$95,211.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Database Support ( <i>Sacaton, AZ</i> )	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Under ACS' on-call with the Gila River Indian Community, Mr. Dilli provided database management support, which included database management training, data normalization and correction, extensive troubleshooting of previously developed visual basic code, data manipulation macros, numerous data entry modules.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) APS Palo Verde to Sun Valley Transmission Line Construction	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE ACS is serving as the Compliance Inspection Contractor responsible for reporting to the BLM on the environmental monitoring during construction of this 46-mile transmission line. Mr. Dilli is responsible for importing all project data into the ACS system, its organization on the ACS server, and for oversight of the production of all cartographic deliverables for the project.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME		b. ROLE IN THIS CONTRACT		c. YEARS EXPERIENCE	
Laura Stewart		Biologist		1. TOTAL 12	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> Archaeological Consulting Services, Ltd., Tempe, AZ					
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.A., Wildlife and Fisheries Sciences			f. PROFESSIONAL TRAINING - REGISTRATIONS n/a		
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Western Bat Survey Techniques Workshop (2015), NEPA Process and Writing Effective NEPA Documents Workshop (2015), Lead Risk Assessor (2012), Burrowing Owl Surveyor Training (2012), Chiricahua Leopard Frog Certification Workshop (2012), Yellow-billed Cuckoo Survey Training Workshop (2006 and 2007), Federal Motorboat Operator Training Course (2005 and 2007), Wilderness First Aid (2006), Willow Flycatcher Survey Training Workshop (2003, 2008)					

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	HEO Skills Development Site <i>(San Carlos, AZ)</i>	2014	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS completed the environmental clearances for this Freeport McMoRan training facility on the San Carlos Apache Nation. Ms. Stewart managed ACS' tasks, prepared the 404 permitting documents (Preliminary Jurisdictional Delineation and Pre-Construction Notification), and prepared the Biological Evaluation. The CWA Section 404 documents were approved by the US Army Corps of Engineers and the project is in the process of being constructed. \$51,842.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	SR 169 Cherry Creek Rd, MP 9.1 to MP 10.1 SR 169 at Cherry-Orme Rd, MP 4.5 to MP 5.4	2015	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS completed the environmental clearances for these two concurrent ADOT projects. Ms. Stewart completed project management tasks, Categorical Exclusion documents, Biological Evaluations, and CWA Section 404 internal compliance documentation for these projects. \$71,056.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Gila River Indian Community On-Call Biological Surveys <i>(Sacaton, AZ)</i>	ongoing	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS has completed biological resource assessments for a number of projects for this ongoing on-call contract with the Gila River Indian Community. Ms. Stewart's responsibilities include completion of field surveys, report preparation, and development of measures to mitigate the impacts of project activities on biological resources.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Pendleton Drive Safety Improvements <i>(Rio Rico, AZ)</i>	2014	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS completed the environmental clearances for this <i>ongoing</i> ADOT/local project. Ms. Stewart prepared the CWA Section 404 permitting documents including a Preliminary Jurisdictional Delineation (approved) and a Pre-Construction Notification (in review) as well as an Individual CWA Section 401 Application (in review). Ms. Stewart completed a Biological Evaluation for the project, which was approved by the USFWS during the informal consultation process. \$16,238.	<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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Colleen Murray	Staff Scientist, Health and Safety Specialist	11	1

d. LOCATION *(City and State)*  
Archaeological Consulting Services, Ltd., Tempe, AZ

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.S.T., Environmental Technology Management	f. PROFESSIONAL TRAINING - REGISTRATIONS n/a
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
29 CFR 1910.120 HAZWOPER (current), 30 CFR 48 Surface, Metal and Nonmetal (current), Asbestos (AHERA) Building Inspector (current), Clean Air Act Compliance (2015), Erosion Control Coordinator (2015), Arizona Department of Occupation Safety and Health Safety Summit (2015), Resource Conservation and Recovery Act/Hazardous Waste Management (2014), Environmental Sampling Field Course (2014)

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Stormwater Pollution Prevention Plan, Bush Highway Asphalt – Rubber Overlay Project <i>(Maricopa County, AZ)</i>	2015	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS completed a Stormwater Pollution Prevention Plan (SWPPP) for a Maricopa County Dept. of Transportation (MCDOT) highway construction project. Ms. Murray prepared the SWPPP according to regulations established in Arizona’s 2013 Construction General Permit, for the project located within one-quarter mile of an impaired water. \$10,173.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	On-Call U.S. Housing and Urban Development (HUD) NEPA Environmental Reviews <i>(Phoenix, AZ)</i>	Ongoing	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Under the HUD NEPA environmental reviews on-call contract with the City of Phoenix’s Neighborhood Services Department, Ms. Murray has conducted multiple Site Specific Reviews (SSRs) including Appendix As, Categorical Exclusion Subject To (CEST), and regulatory investigation for identified facilities of concern (ECHO detail report).	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Mountain Home Air Force Base Activity Based Sampling Event <i>(Elmore, ID)</i>	2012	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Murray was involved in Activity Based Sampling project for potential asbestos contamination at Mountain Home Air Force Base, which included conducting various activities to determine if ground disturbance resulted in airborne asbestos exposure. Project activities conducted according to established Environmental Protection Agency Activity Based Sampling protocol.	<input type="checkbox"/>	Check if project performed with current firm
4.	San Bernardino Associated Governments, Corridor Analyses and Phase I ESAs <i>(San Bernardino, CA)</i>	2013	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Murray conducted corridor and site-specific Phase I ESAs for an approximately ten-mile-long railway project. Project area located along existing railway in a historically industrial area. Project tasks included reviewing numerous regulatory records, analyzing operations and land use in the area to comprise an extensive list of sites recognized to have hazardous materials concerns.	<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  Melinda G. Jones	b. ROLE IN THIS CONTRACT  Senior Environmental Planner	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 1.5

d. LOCATION *(City and State)*  
Archaeological Consulting Services, Ltd., Tempe, AZ

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.A., Anthropology; M.S., Geology	f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Geologist, State of Tennessee (TN4744)
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
Selected professional training and certificates: The Environmental Process and Environmental Documentation Preparation (2002), How to Manage the National Environmental Policy Act (NEPA) Process and Write Effective NEPA Documents (2001), Wetland Delineator (2001), 404 Permit Training (2005), 40-Hour OSHA Hazardous Waste Operator (2001), 8-Hour OSHA Site Manager and Supervisor (2001, Project Management Training (2002)

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Silver Bar Mine Regional Landfill EA <i>(Florence, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently managing the preparation of this EA for a proposed right-of-way (ROW) grant and several temporary construction easements (TCEs) on Bureau of Land Management (BLM) land. The applicants are requesting the ROW grant and TCEs to obtain access across public land to adjoining private property for development and operation of a regional municipal landfill. The Draft EA was published in November 2015 and the public meeting was held in December 2015. \$84,725.	<input checked="" type="checkbox"/>	Check if project performed with current firm

2.	(1) TITLE AND LOCATION <i>(City and State)</i> On-Call U.S. Housing and Urban Development (HUD) NEPA Environmental Reviews <i>(Phoenix, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently managing ACS' three-year HUD NEPA environmental reviews on-call contract with the City of Phoenix's Neighborhood Services Department. Task assignments completed under this on-call include Appendix As, Categorical Exclusion Subject To (CEST) forms, and EAs. In addition to project administration, Ms. Jones is responsible for oversight of the environmental review process and quality assurance on all work products and provides technical guidance as needed.	<input checked="" type="checkbox"/>	Check if project performed with current firm

3.	(1) TITLE AND LOCATION <i>(City and State)</i> Three Points to Sandario Tap 115kV Transmission Line EA <i>(Pima County, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services Ongoing	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently managing the EA for this BLM easement reauthorization of an existing transmission line. Ms. Jones is responsible for preparing the EA and daily administration. \$22,301.	<input checked="" type="checkbox"/>	Check if project performed with current firm

4.	(1) TITLE AND LOCATION <i>(City and State)</i> Shea Tunnel Access Categorical Exclusion <i>(Scottsdale, AZ)</i>	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Prepared the environmental clearance documents for this multi-use path project. Ms. Jones served as ACS's project manager and provided oversight during the NEPA analysis, Class III cultural resources survey, biological evaluation, and hazardous materials assessment. The CE was approved by ADOT in October 2015. \$15,732.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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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> Silver Bar Mine Regional Landfill <i>(Florence, AZ)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Mineral Mountain LLC	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$40,915 (original cultural surveys only)	e. TOTAL COST OF PROJECT ongoing
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This multicomponent project involves environmental clearances for a proposed landfill and associated access road northeast of Florence, Arizona on behalf of a group of private developers. For the cultural resource assessment, ACS completed Class III surveys of the 400-acre landfill parcel on private land, 6-mi-long access road on ASLD and BLM land, four temporary construction easements, and intersection improvements within ADOT right-of-way along State Route 79. These surveys identified a total of 28 prehistoric and historic sites, of which 10 were recommended for further archaeological investigation. ACS developed a historic properties treatment plan for those sites, and assisted the BLM with a damage assessment of a prehistoric village site where traffic along the access road had resulted in damage to three trash mound features. The project expanded to include Sonoran desert tortoise surveys, bat surveys, and native plant surveys as well as a hazardous materials assessment. In order to comply with federal and state legislation, ACS then compiled these studies into a National Environmental Policy Act (NEPA) Environmental Assessment for the access road across ASLD and BLM land, and coordinated scoping meetings involving state and federal officials, tribal representatives, and private citizens. Key personnel include Tracy McCarthy (Senior Biologist/Senior NEPA Planner), Melinda Jones (NEPA Planner), Keith Scoular (Hazardous Materials Coordinator), and Andrea Gregory (Cultural Principal Investigator). The project, which began in 2006 and has been subject to numerous scope and budget amendments, demonstrates ACS' ability to conduct a multidisciplinary project integrating several types of environmental studies with oversight by state and other agencies and to effectively handle multiple scope changes.

**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> Pendleton Drive Traffic Improvements <i>(Rio Rico, AZ)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$31,518	e. TOTAL COST OF PROJECT ongoing
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

As a subconsultant to T.Y. Lin International under their ADOT Traffic Safety Project On-call contract, ACS conducted a variety of environmental studies in support of a road safety improvement project. ACS prepared an ADOT Group II Categorical Exclusion (CE) Checklist, completed a Class III cultural resource survey and biological evaluation report,



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prepared Section 106 consultation letters on behalf of ADOT, conducted asbestos-containing material (ACM) and lead-based paint (LBP) sampling, conducted Clean Water Act Section 404 field delineation and permitting document submittals, and completed a hazardous material Preliminary Initial Site Assessment (PISA). This project involved informal consultation with the US Fish and Wildlife Service due to potential impacts to species protected by the Endangered Species Act. The scope and budget were revised to accommodate expansion of the project footprint and to add FHWA Section 4(f) resource evaluation at the request of the ADOT planner assigned to the project. Key personnel included Tracy McCarthey (Senior Biologist/Senior NEPA Planner), Eileen Baden (NEPA Planner), Laura Stewart (Biologist/CWA 404 Specialist), Keith Scoular (Hazardous Materials Coordinator), and Andrea Gregory (Cultural Principal Investigator). This project demonstrates ACS' ability to deliver multiple project deliverables on a project to a state agency and effectively handle scope changes.

**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	
Powerline, Vineyard Road, and Rittenhouse Flood Retarding Structures Rehabilitation <i>(Queen Creek, AZ)</i>	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i> n/a

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Flood Control District of Maricopa County	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,436,199	e. TOTAL COST OF PROJECT ongoing
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**f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)**

Under our on-call contract with the Flood Control District of Maricopa County (FCDMC), which ACS has held since 2007, ACS conducted Class III survey of 1,622 acres and phased data recovery in advance of the reconstruction of several flood retarding structures in northern Pinal County. The initial Class III survey was performed February 4–27, 2013 and identified 21 sites. A Programmatic Agreement and historic properties treatment plan were developed which received concurrence from the Arizona State Land Department, the U.S. Bureau of Reclamation, the Natural Resources Conservation Service, the State Historic Preservation Office, the Gila River Indian Community, and the Arizona State Museum. In accordance with these guidance documents, and upon the competitive data recovery contract award, ACS conducted Phase 1 fieldwork at nine sites from May 20 through July 2, 2015 and results were reported on, along with a Phase 2 data recovery plan for two sites where subsurface features were identified; archival research was also conducted for a historic water control site associated with the Soil Conservation Service. Phase 2 data recovery was conducted from July 13 through November 13, 2015 and a sampling plan was implemented, pursuant to agency consultation, after more features were encountered than anticipated. The preliminary Phase 2 data recovery report was submitted in early December, with analyses and preparation of the final report ongoing. ACS has participated in public outreach for the project and will also be performing construction monitoring, as well as cultural resource sensitivity training for construction personnel. Key personnel include Andrea Gregory (Cultural Principal Investigator), Alanna Ossa (Project Manager/Ceramic Analyst), and Walter Punzmann (Field Director). This project demonstrates ACS' ability to conduct a multi-phase project involving federal, state, tribal, and municipal agencies.



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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	
Lower San Pedro River Wildlife Area <i>(Winkelman, AZ)</i>	PROFESSIONAL SERVICES ongoing	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 \$124,838	e. TOTAL COST OF PROJECT ongoing
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

In September 2014, the Arizona Game and Fish Department (AGFD) awarded a competitive bid to ACS to conduct a Class III cultural resource survey of 1,072 acres in advance of improvements to the Lower San Pedro River Wildlife Area to assist AGFD in meeting statutory compliance with Arizona state antiquities laws (A.R.S. §41-841 *et seq*) and the State Historic Preservation Act (A.R.S. §41-861 through §41-864). Because the project area was over 640 acres, ACS developed and addressed project-specific research questions, per the requirements of our Arizona Antiquities Act permit, and conducted archival research at several repositories in order to interpret historic resources encountered during the fieldwork. The survey, conducted September 24–October 16, identified 23 prehistoric and historic sites and 117 isolated occurrences. The 300-page report was finalized in April 2015 and is currently in final consultation with SHPO prior to submittal to ASM per our permit requirements. Key project personnel included Doug Mitchell (Principal Investigator), Alanna Ossa (Project Manager), Walter Punzmann (Field Director), and Thomas Jones (Historical Archaeologist). ACS has conducted several other surveys on behalf of AGFD in 2014 and 2015, demonstrating our ability to conduct archaeological work for state agencies.

**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	
Apache Junction ITS Strategic Fieldwork GIS <i>(Apache Junction, AZ)</i>	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$16,705	e. TOTAL COST OF PROJECT ongoing
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

As a subconsultant to Kimley-Horn and Associates through their 2014 ADOT Project Development On-call Contract, ACS is providing Geographic Information System (GIS) data collection, data management, and mapping products for a draft Technical Memorandum #2 in support of the City of Apache Junction ITS Strategic Plan. The scope includes preparation of an inventory of existing ITS devices and communications and unutilized infrastructure; review of the City's current CIP projects, Apache Junction projects in the MAG ITS projects list (through 2018), planned arterial enhancements in Apache Junction, and major developments that will impact the city's transportation network or operations strategy (downtown commercial development, large master planned residential development, etc.); development of layers of GIS to incorporate into their existing asset management GIS database; and identification of key projects or programs from neighboring jurisdictions and regional agencies that would require coordination with Apache Junction's ITS systems or program. Key personnel include Bradley Dilli (ACS' Director of Information Services) and Jonathan Spiandorello (GIS Analyst).



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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.)

Archaeological Consulting Services, Ltd. (ACS) is a 38-year-old corporation of the State of Arizona located at 424 W. Broadway Road in Tempe. ACS is certified by the Arizona Unified Certification Program as a woman-owned small business enterprise and self-certified through the Small Business Administration as an Economically Disadvantaged Woman-owned Small Business (EDWOSB).

ACS is professionally qualified to provide consulting services in environmental planning, cultural resources, paleoenvironmental studies, and Geographic Information Systems (GIS) applications. Since 2005, the Phoenix edition of *The Business Journal* has included ACS on their list of the top 25 Environmental Consulting Firms. ACS' capabilities include the following:

- National Environmental Policy Act (NEPA) documents including Environmental Assessments (EAs) and Categorical Exclusions (CEs)
- Cultural resource literature reviews, surveys, testing, and data recovery projects
- Historic research, oral history, historic building documentation and inventory surveys, National Register assessments and nominations, and historic context development
- Biological assessments, reviews, and evaluations
- Surface water and groundwater projects
- Geological evaluations
- Hazardous materials assessments
- GIS and GPS applications

ACS has a solid reputation in the environmental planning, cultural resource management, historic preservation, and GIS services industries. Our highly trained, professional staff provides a diverse range of services that allows our clients to efficiently meet their needs with one consultant. We get project scoping right the first time, and emphasize communication, not change orders.

ACS is comprised of three divisions: Environmental Planning, Cultural Resources, and Information Services.

**Environmental Planning**

The ACS Environmental Planning Division offers environmental consulting services to companies throughout Arizona and elsewhere. This division is also responsible for keeping track of the health and safety of ACS employees. Our environmental staff members are experts in looking for innovative and cost-effective solutions to environmental challenges. We continually measure project performance against schedule and budget and make adjustments, if needed, to achieve our clients' environmental, safety, and business goals.

ACS holds a Threatened and Endangered (T&E) Species Permit from the U.S. Fish and Wildlife Service. This permit allows ACS to conduct surveys for various T&E Species in Arizona, including lesser long nosed bats, cactus ferruginous pygmy-owls, Mexican spotted owls, southwestern willow flycatchers, Yuma clapper rail, and others. ACS also holds a Scientific Collecting Permit from the AGFD.

ACS is also licensed to practice geology in the State of Arizona by the Board of Technical Registration (Firm Registration 10188-0). Keith Scoular, an Arizona Registered Geologist (No. 33756) and ACS' Chief Operating Officer and Corporate Secretary, is the qualifying individual for the geology license. ACS has several employees that are certified AHERA (asbestos) Building Inspectors and that hold Lead-Based Paint (LBP) Risk Assessor certifications from the U.S. EPA to work in EPA Regions 6 and 9.



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ACS' environmental planning services include the following:

- Total environmental project management
- NEPA documents and compliance
- Biological assessments, evaluations, and surveys
- Clean Water Act Section 404 Permits
- Surface water assessments
- Phase I environmental site assessments
- Storm Water Pollution Prevention Plans
- Aquifer Protection Permits
- AZPDES/NPDES Permits
- Hazardous and solid waste program development
- Geology
- FERC environmental projects/inspection

### Cultural Resources

ACS staff members are professionally qualified to perform cultural resource investigations on federal, tribal, state, county, municipal, and private lands throughout Arizona as well as portions of New Mexico, California, Utah, Nevada, and North Dakota. ACS has proven working relationships with the U.S. Bureaus of Reclamation, Land Management, and Indian Affairs; the U.S. Forest Service; the National Park Service; the State Historic Preservation Office; the Arizona State Museum; the Arizona Department of Transportation; the Arizona State Land Department; the Arizona Game and Fish Department (AGFD); the Arizona State Parks Department; the Gila River, Salt River Pima-Maricopa, and Ak-Chin Indian Communities; the San Carlos, Tohono O'odham, and Navajo Nations; and other federal, state, and local agencies.

ACS' cultural resource services include the following:

- Literature and site file (Class I) reviews
- Cultural resource surveys (Class II and III)
- Excavations (testing and data recovery)
- Archaeological monitoring
- Historical services
- Paleoenvironmental studies (including palynology, and macrobotanical and phytolith analyses)
- Management plan development
- Research design and work plan development
- Human osteological excavation and analysis
- Project and report reviews for agencies
- Educational curriculum development
- Specialized artifact analysis
- Interpretive exhibit and video development

This division also includes the Paleoenvironmental Studies (PES) Group and the Historical Services Team. The PES Group applies a multidisciplinary integrative approach, combining environmental, cultural, and subsistence data to document the relationships between prehistoric peoples and the landscapes upon which they lived. The PES Group serves as a subcontractor to cultural resource firms throughout the Southwest and beyond.

ACS' PES services include the following:

- Faunal bone analysis
- Shell analysis
- Subsistence and land use syntheses



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- Paleoenvironmental reconstruction
- Bioarchaeology services
- Pollen analysis
- Macrobotanical analysis
- Phytolith analysis

ACS' Historical Services Team members are experienced in a variety of complementary specializations, including architectural history, history, oral history, public history, historical archaeology, and historic preservation planning. ACS' Historical Services Team engages in a variety of project types, including Section 106 compliance-driven projects, municipal planning projects, and land trust property management and planning efforts, as well as providing historic preservation consulting services to private property owners and developers.

ACS' historical services include the following:

- Archival research
- Historic context development
- National Register eligibility recommendations
- Local, State, and National Register nominations
- Oral histories
- Historic building and property histories
- Historic artifact analysis
- Historic resource visual impact assessments
- Historic resource inventory surveys
- Historic building/structure documentation
- Tax credit applications for historic properties
- Historic preservation planning

### Information Services

The ACS Information Services (IS) Division is responsible for the company-wide computer network, e-mail and Internet connectivity, GPS mapping, GIS cartography and analysis, relational database development, field and in-house mapping, and archaeological laboratory. IS ensures that ACS maintains proper licenses on all software and recommends updates as necessary. After years of developing our GIS and database capabilities for in-house projects, ACS also offers GIS services to our clients as a stand-alone service.

ACS' information services include the following:

- GIS and GPS applications
- Field and computerized mapping
- Field and keyboard data entry
- Artifact and sample tracking and processing
- Non-spatial relational databases
- Spatial databases



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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:	54.2
b.	Percentage of Total Work Attributable to Non-Government Work:	45.8

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

Signature: *Margerie Green* Date: 12/21/2015

Name: Margerie Green Title: President