



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

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

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

1. Annual Request for Qualifications

a.	FIRM (OR BRANCH OFFICE) NAME:	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
(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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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Keith Scoular	b. ROLE IN THIS CONTRACT Geologist/Senior Environmental Consultant	c. YEARS EXPERIENCE	
		1. TOTAL 36	2. WITH CURRENT FIRM 15
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.	(1) TITLE AND LOCATION (City and State) ADOT Environmental On-call; Asbestos/LBP Surveys (AZ Statewide)	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As part of the Jacobs Engineering ongoing on-call contracts, ACS has completed over 250 separate asbestos and/or lead-based paint sampling projects directly for ADOT. ACS has sampled bridges, culverts, and drainage features for these projects. Mr. Scoular is responsible for managing these projects and reviewing the reports prepared for them.	Professional Services Construction (if applicable)
2.	(1) TITLE AND LOCATION (City and State) 8 th Avenue, Safford-Bryce Hwy, Airport Rd. (Graham County, AZ)	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under a project-specific Graham County contract, and then an ADOT on-call contract, ACS conducted a Phase II ESA of ca. 23 acres of mixed-use land near the corner of 8th Avenue, Safford Bryce Highway, and Airport Road for a property transfer. ACS collected a total of 39 asbestos-containing material (ACM), semi-volatile organic compound (semi-VOCs), soil metals, and slag metals analysis samples. Mr. Scoular was responsible for conducting the Phase II assessment and preparing the reports. \$8,873+\$3,664.	Professional Services 2014 Construction (if applicable)
3.	(1) TITLE AND LOCATION (City and State) US 60 Salt River Canyon Rest Area (Gila County, AZ)	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS conducted a Preliminary Initial Site Assessment (PISA) and asbestos and lead-based paint sampling for a rest area rehabilitation under EcoPlan's on-call. Mr. Scoular was responsible for conducting the PISA and reviewing the hazardous materials sampling report, \$10,777.	Professional Services 2013 Construction (if applicable)
4.	(1) TITLE AND LOCATION (City and State) I-10 Ruthrauff to Prince (Tucson, AZ)	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under an ADOT contract, ACS prepared an updated Preliminary Initial Site Assessment and conducted soil sampling for metals and fecal coliform. Mr. Scoular was responsible for conducting the hazardous material assessments. \$6,826.	Professional Services 2014 Construction (if applicable)



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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	
Tracy McCarthy	Senior Biologist/NEPA Planner	1. TOTAL 24	2. WITH CURRENT FIRM 12
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	
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	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is conducting biological resource oversight, hazardous material assessments, and provided assistance with Clean Water Act Section 404 fieldwork. Ms. McCarthy reviewed the first draft biological document for quality control and technical accuracy and is assisting ADOT 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) I-15 Virgin River Bridge #6 (Mohave County, AZ)	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS completed biological resource oversight, hazardous material assessments, and provided assistance with Clean Water Act Section 404 fieldwork. Ms. McCarthy reviewed all biological documents for quality control and technical accuracy and assisted ADOT with the Endangered Species Act, Section 7 Formal Consultation process. \$12,356.	<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	Construction (if applicable)
	(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 and documentation for Pima Pineapple Cactus.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) City of Avondale Agua Fria Multiuse Path and Pedestrian Bridge	(2) YEAR COMPLETED	
		Professional Services	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 a 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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4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)

a. NAME Andrea Gregory	b. ROLE IN THIS CONTRACT Cultural Principal Investigator	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 14

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
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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); United Rentals/Trench Safety OSHA Excavation Awareness Program (2002); USDA Forest Service Identification and survey of the Mexican Spotted Owl (2002); Arizona Game and Fish Identification and survey of the Southwestern Willow Flycatcher (2002); US Fish and Wildlife Service Identification and survey of the Cactus Ferruginous Pygmy-owl (2002)

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Light Rail Gilbert Road Extension (Mesa, AZ)	(2) YEAR COMPLETED Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As a subconsultant to HDR Engineering, ACS was responsible for a historic building inventory along Main Street west of downtown Mesa. The report included context development as well as impacts assessments as part of a larger environmental clearance. Ms. Gregory was the Principal Investigator for the project. \$32,879.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (City and State) Triangle Bar Ranch (Winkelman, AZ)	(2) YEAR COMPLETED Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS conducted a Class III survey of ca. 994 acres for the proposed acquisition by the Arizona Game and Fish Department for the purpose of preserving critical habitat for threatened and endangered species. Ms. Gregory was responsible for overseeing the historic resources assessment associated with the Class III survey. \$52,842.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (City and State) Gila River Indian Community On-call Analytical Services (Sacaton, AZ)	(2) YEAR COMPLETED Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS is an on-call contractor for analytical services for GRIC projects. Services include faunal, shell, ceramic, historic, pollen, phytolith, flotation, and canal analysis. ACS has completed over 100 projects for GRIC since 2007. Ms. Gregory is the project manager for all GRIC analytical projects, and conducts the faunal and shell analyses.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (City and State) US 70 Safford to Solomon (Safford, AZ)	(2) YEAR COMPLETED Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under a PB contract with the Arizona Department of Transportation, 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 five-mile-long highway widening project near Safford. Cultural resource monitoring of geotechnical testing was completed in November. ACS is assisting ADOT with ongoing consultation and will be drafting the Programmatic Agreement. Ms. Gregory was responsible for overseeing the cultural resource work. \$91,385.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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a. NAME Glennnda Luhnnow	b. ROLE IN THIS CONTRACT Cultural Principal Investigator	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 9
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>			

Arizona Archaeological Council, Section 106 Training and Refresher (2010), Natural and Cultural Resource Regulatory Compliance (2007), United Rentals Competent Person and Trench Safety Training (2005), Introduction to Section 106 Review (2003)

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Holbrook Basin Potash Project <i>(near Holbrook, AZ)</i>		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Luhnnow served as the Principal Investigator for the cultural resource assessment of a 7,000+ acre potash mining facility located east of Holbrook primarily on state land. Ms. Luhnnow was responsible for creating and maintaining budgets, scheduling and coordinating fieldwork, and meeting deliverable schedules. The report is currently in agency review. \$307,829.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Triangle Bar Ranch <i>(Winkelman, AZ)</i>	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS conducted a Class III survey of ca. 994 acres for the proposed acquisition by the Arizona Game and Fish Department for the purpose of preserving critical habitat for threatened and endangered species. Ms. Luhnnow served as principal investigator for the project, overseeing the fieldwork, research, and reporting. \$52,842.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	US 60: SR 101L to McDowell Road <i>(Phoenix, AZ)</i>	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Luhnnow was the principal investigator for Phase 1 of the project. She prepared and implemented the project work plan for data recovery and construction monitoring, and has overseen all aspects of the project. The final report of findings has been approved by the agency. \$227,468.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Williams Gateway Freeway <i>(Queen Creek, AZ)</i>		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Luhnnow was the principal investigator for this project. She prepared and implemented the project work plan for data recovery, prepared the preliminary report of eligibility testing, field directed Phase 2 data recovery efforts, and prepared the preliminary and final reports of findings. The final technical report of findings is currently in agency review. \$224,584.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Eileen Baden	b. ROLE IN THIS CONTRACT NEPA Planner	c. YEARS EXPERIENCE	
		1. TOTAL 5	2. WITH CURRENT FIRM 2

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

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> M.U.E.P., Urban and Environmental Planning	f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Green Associate
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Arizona Planning Association (AzAPA), Arizona Association of Environmental Professionals (AZAEP), Overview of the NEPA Process, SunPower Dealer Certification, Online Solar Training

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	SR 83 Categorical Exclusion Checklist <i>(Canelo, AZ)</i>	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Group II Categorical Exclusion for this pavement preservation project. Ms. Baden was responsible for researching adjacent landowners and nearby stakeholders, completing all aspects of the public scoping process, and assisting in completing the CE. \$23,552.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	John Wayne Parkway Categorical Exclusion Checklist <i>(Maricopa, AZ)</i>	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS was responsible for coordinating the environmental clearance effort by submitting a Group II Categorical Exclusion (CE) Checklist for this transportation enhancement project. Ms. Baden was responsible for completing all aspects of the public scoping process and the CE. \$14,124.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	First Solar: Development of Environmental Programs, Procedures, and Compliance Plans <i>(Tempe, AZ)</i>	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Ms. Baden was responsible for reviewing all permitting and regulation documents pertaining to two large energy projects in the Southwest, focusing on operational compliance measures while reviewing and analyzing an Environmental Impact Report (EIR) and a Mitigated Negative Declaration (MND). She was responsible for communicating compliance conditions and background research to First Solar while developing the compliance matrix. \$60,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	South Navajo Drive Categorical Exclusion <i>(Page, AZ)</i>	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE ACS responsible for coordinating the environmental clearance effort by submitting a Categorical Exclusion (CE) Checklist for this pavement preservation project. Ms. Baden was responsible for completing all aspects of the public scoping process and the CE. \$11,417.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Bradley Dilli	b. ROLE IN THIS CONTRACT Director of Information Services	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 15
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> ADOT Environmental On-call; Asbestos and Lead-Based Paint Surveys <i>(Statewide, AZ)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As part of the Jacobs Engineering ongoing on-call contracts, ACS has completed over 250 separate emergency asbestos and/or lead-based paint sampling projects directly for ADOT. ACS has sampled bridges, culverts, and drainage features for these projects. Mr. Dilli was responsible for overseeing all cartographic deliverables for these projects.	Professional Services	Construction (if applicable)
<input checked="" type="checkbox"/>		Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> US 70 Safford to Solomon <i>(Safford, AZ)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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 five-mile-long highway widening project near Safford. Cultural resource monitoring of geotechnical testing was completed in November. Cultural consultation for this project is ongoing and ACS will be drafting the Programmatic Agreement. Mr. Dilli is responsible for overseeing all cartographic deliverables for this project. \$91,385.	Professional Services	Construction (if applicable)
<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	
	(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 has provided database management support, which has included database management training, data normalization and correction, extensive troubleshooting of previously developed visual basic code, data manipulation macros, numerous data entry modules.	Professional Services 2013	Construction (if applicable)
<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	
	(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.	Professional Services	Construction (if applicable)
<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 11	2. WITH CURRENT FIRM 3
d. LOCATION (City and State) Archaeological Consulting Services, Ltd., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) M.A., Wildlife and Fisheries Sciences		f. PROFESSIONAL TRAINING - REGISTRATIONS n/a	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)			

Lead Risk Assessor (2012), AHERA Asbestos Building Inspector (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)

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	HEO Skills Testing Facility (San Carlos, AZ) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS completed the Clean Water Act, Section 404 permitting, biological assessment, and hazardous material assessment, and assisted the San Carlos Apache Nation with the cultural resource clearance for this Freeport McMoRan skills testing facility. Ms. Stewart completed the 404 permitting documents and the biological assessment, which were approved by the Army Corps of Engineers (USACE) and the Tribe and the project is being constructed. \$51,842.	2014	
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	ADOT Environmental On-call Biological Clearances (Statewide, AZ) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ms. Stewart has been conducting biological assessments on statewide roadway projects, under ongoing subcontracts with numerous firms on ADOT On-call contracts, including SR 169 Cherry Creek Road, which included a biological evaluation on US Forest Service land and a CWA, Section 404 Preliminary Jurisdictional Delineation.		
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	Gila River Indian Community On-Call Biological Surveys (Sacaton, AZ) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS has completed biological resource assessments for a number of projects for the Gila River Indian Community. Specific tasks involved completion of field surveys to assess the potential for special status species to occur in the project area, report preparation, and development of measures to mitigate the impacts of project activities on biological resources. Ms. Stewart is responsible for conducting the fieldwork and preparing the reports for this ongoing on-call contract.		
		<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	US 60 Meridian TI (Apache Junction, AZ) (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ACS was responsible for completing the Clean Water Act, Section 404 Preconstruction Notification (PCN) as a subconsultant to Stanley for this ADOT project. Ms. Stewart was responsible for completing the fieldwork and maps for the submittal to the USACE. The PCN was approved by the USACE and construction is underway. \$7,115.	2014	
		<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 (City and State) I-15 Virgin River Bridge #1 (Mohave County, AZ)	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER ADOT	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$23,669	e. TOTAL COST OF PROJECT
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
Under a Jacobs contract with ADOT, ACS **is conducting** biological resource oversight, hazardous material assessments, and providing assistance with Clean Water Act Section 404 fieldwork in support of pier/foundation reconstruction and deck widening of I-15 Bridge 1. Biology tasks involved in assisting ADOT with the Endangered Species Act, Section 7 Formal Consultation process included: reviewing lists from the Arizona Game and Fish Department (AGFD) and U.S. Fish and Wildlife Service (USFWS) of all species of concern, federally listed, candidate and proposed species occurring within the project area (by county); contacting the USFWS, AGFD, and any applicable land-managing agencies in order to solicit project- or species-specific concerns and arranging a meeting; attending the meeting with state and federal agency wildlife management specialists to discuss potential biological issues; comparing the habitat requirements of the listed and special status species to available topographic maps and aerial photographs of the project area to determine whether potential or suitable habitat may occur at the project location; accompanying a Jacobs biologist on a field visit to assess existing conditions; and determining the likelihood that a listed species currently inhabits the project area or the possibility for future habitation by a listed species. Tracy McCarthey reviewed the first draft biological document for quality control and technical accuracy. Keith Scoular is responsible for the hazardous material assessment which includes: ordering and reviewing an environmental database report; reviewing readily available historic land use records and files, including aerial photographs, to further identify potential hazardous materials areas of concern that may be missed by the project area survey; performing a survey; identifying requirements for hazardous materials testing for removal of old facilities, roadways, and/or concrete structures; and preparing the hazardous materials text for the Environmental Overview (EO) report. In support of 404 fieldwork Tracy McCarthey assisted with Identification of plant species and wetland delineation. ACS' work on the project began in March 2012 and is still underway.

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

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

a. TITLE AND LOCATION (City and State) Arizona State University Block 12 Development Project (Tempe, AZ)	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona State University	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$3,861 for literature review	e. TOTAL COST OF PROJECT \$139,331 for testing, data recovery, monitoring, and reports
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
Under direct contract to Arizona State University, ACS assisted with cultural resource mitigation for a new building on the north side of campus at the northwest corner of 7th Street and College Avenue. ACS prepared a Class I literature review, which revealed that the 1.03-acre project parcel is located within 100 feet of the boundary of La Plaza, a large Hohokam



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village; in addition, the parcel is located within Block 12 of the historic Tempe townsite. The literature review included a historic properties treatment plan for conducting phased data recovery and construction monitoring as needed. Data recovery, performed between May and July 2012, identified domestic and agricultural features associated with La Plaza and historic resources dating from the 1920s to the 1940s. Monitoring of all construction excavation and disturbance areas was conducted by ACS between August 28, 2012 and November 18, 2013 under a project-specific permit issued by the Arizona State Museum, and identified additional archaeological features. Project personnel included Andrea Gregory, John Jones, Alanna Ossa, Walter Punzmann, and Joanne Taktikos.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
US 60/Main Street Springerville Streetscape <i>(Springerville, AZ)</i>	2014	
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER ADOT	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$37,995	e. TOTAL COST OF PROJECT \$37,995

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

ACS completed the National Environmental Policy Act (NEPA) environmental clearance process for a streetscape improvement project along the US 60/Main Street between Papago and Zuni streets in Springerville, Arizona. The purpose of the Transportation Enhancement project is to improve pedestrian accessibility and safety along US 60/ Main Street by widening sidewalks as well as to enhance the aesthetics of the downtown area and provide traffic calming benefits to improve traffic flow. ACS completed a Categorical Exclusion (CE) which included a Biological Evaluation, Class I Literature Review, Historic Building Survey, Preliminary Initial Site Assessment and Lead-Based Paint Sampling and Analysis. ACS completed the environmental clearance for this project in five months. ACS received notice-to-proceed in mid-June 2014. The project area map and scope of work were obtained quickly which allowed ACS to begin working. ACS completed the environmental overview for the Project Assessment (PA) shortly thereafter and attended the kickoff meeting in late June. The public scoping letter and contact list were drafted, approved by the project team, and sent out in early July. Field visits were completed in June and July and reports were sent out to the project team for review in August. Technical reports were approved by ADOT in September and State Historic Preservation Office (SHPO) concurrence was obtained in October. The CE was approved in mid-November 2014 and environmental clearance was obtained. Project personnel included: Eileen Baden, Tracy McCarthey, Laura Stewart, Keith Scoular, Amber Huntoon-Colvin, Andrea Gregory, and Tom Jones.

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Triangle Bar Ranch <i>(Winkelman, AZ)</i>		
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER Arizona Game and Fish Department	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$52,842	e. TOTAL COST OF PROJECT \$52,843

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



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ACS conducted a Class III (100 percent) cultural resource survey of ca. 994 acres for proposed acquisition by the Arizona Game and Fish Department (AGFD) for the purpose of preserving critical habitat for threatened and endangered species. Glenda Luhnnow served as principal investigator for the project, overseeing the fieldwork, research, and reporting. ACS conducted a cultural resource assessment of the acquired property 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). AGFD identified an immediate need for conservation efforts on Parcel C and requested that ACS survey and produce a preliminary report of fieldwork results prior to completing the remaining fieldwork. The results of the fieldwork for Parcel C were presented in a preliminary report. Those results, in addition to the results of the remaining fieldwork, are presented in a second report. The fieldwork, conducted under ACS' Arizona Antiquities Act blanket permit 2013-0039bl issued by ASM was performed by Walter Punzmann, Linda Schilling, Joanne Tactikos, Eileen Bow, and Jonathan Spiandorello on April 9–11, 15–19, and 23–24, 2013. The survey identified 14 sites, two historic structures, and 65 isolated occurrences. Based on the results of this survey and background research, significant historic properties occur in the project area. The report was submitted in September 2013 and ACS was provided with SHPO concurrence in November of 2013, after which we uploaded the project data into the Arizona State Museum site database, AZSITE, as per our permit requirements.

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	
Gila River Health Care Administration Building Environmental Assessment Update/Completion <i>(Sacaton, AZ)</i>		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER Gila River Health Care	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$14,970	e. TOTAL COST OF PROJECT \$14,970	

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

ACS was contracted by Arviso-Okland in October 2013 to complete an Environmental Assessment (EA) to Bureau of Indian Affairs standards for the Gila River Health Care (GRHC) Administration Building. The project required a stand-alone Biological Review (BR) document in addition to ensuring accuracy of an existing incomplete draft EA, conducting additional analysis where needed, updating project maps to clearly define the project area, review of references, and the possible addition of mitigation measures. Once a draft of the EA had been completed, it was determined by the BIA that a Categorical Exclusion Checklist would be more appropriate, and that was completed in January of 2014. Project personnel included Tracy McCarthy and Eileen Baden.



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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 37-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.

ACS' environmental planning services include the following:

- Total environmental project management



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- NEPA documents and compliance
- Biological assessments, evaluations, and surveys
- Clean Water Act Section 404 Permits
- Surface water assessments
- River assessment and monitoring
- Phase I environmental site assessments
- Storm Water Pollution Prevention Plans
- Aquifer Protection Permits
- AZPDES/NPDES Permits
- Hazardous and solid waste program development
- Geology
- Applied fluvial geomorphology
- 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, and Nevada. 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
- Paleoenvironmental reconstruction



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- 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) team 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:	57.5
b.	Percentage of Total Work Attributable to Non-Government Work:	42.5

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

Signature: Margerie Green

Date: 12/19/2014

Name: Margerie Green

Title: President

