

	<b>Offer and Acceptance</b>		<b>State of Arizona</b> <b>State Procurement Office</b> 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 1	
	Offeror: Tierra Right of Way 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.

<p><u>Tierra Right of Way Services, Ltd.</u>          Company Name</p> <p><u>1575 E River Road, Suite 201</u>          Address</p> <p><u>Tucson</u>                      <u>AZ</u>                      <u>85718</u>          City                              State                      Zip</p> <p><u>purchasing@tierra-row.com</u>          Contact Email Address</p>	<p>          Signature of Person Authorized to Sign Offer</p> <p><u>Randy K. Ferrick</u>          Printed Name</p> <p><u>President</u>          Title</p> <p>Phone: <u>520-319-2106</u></p> <p>Fax: <u>520-323-3326</u></p>
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By signature in the Offer section above, the Offeror certifies:

- The submission of the Offer did not involve collusion or other anticompetitive practices.
- 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.
- 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.
- 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, contract release document or written notice to proceed.

State of Arizona  
 Awarded this 29 day of February 2016

  
 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:	Tierra Right of Way Services, Ltd.
b.	FIRM (OR BRANCH OFFICE) STREET:	1575 E River Road, Suite 201
c.	FIRM (OR BRANCH OFFICE) CITY:	Tucson
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85718
f.	YEAR ESTABLISHED:	1989
(g1).	OWNERSHIP - TYPE:	Corporation
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	Yes, Small/Less than 100employees
h.	POINT OF CONTACT NAME AND TITLE:	Maureen Shields, Marketing Administrator
i.	POINT OF CONTACT TELEPHONE NUMBER:	520-319-2106
j.	POINT OF CONTACT E-MAILADDRESS:	purchasing@tierra-row.com
k.	NAME OF FIRM (If block 1a is a branch office):	







**ATTACHMENT I – General Qualifications**  
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:**  
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**4. Resumes of Key Personnel Proposed for this Contract** (*Complete one Section #4 for each key person.*)

a. NAME  Tom Euler	b. ROLE IN THIS CONTRACT  Project Manager, Archaeologist	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 1.5

d. LOCATION (*City and State*)  
 Tierra Right of Way Services, Ltd., Tucson, Arizona

e. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> )  B.A., Anthropology, University of Colorado, 1978	f. PROFESSIONAL TRAINING - REGISTRATIONS  BLM and Solar Leasing NEPA Process NEPA for Mining Project Management for Environmental Consultants Section 106 of the NHPA Cultural Resources and NEPA, University of Nevada The Section 106 Process: A Compliance Workshop, Arizona SHPO The National Register: A Workshop for Federal and State Agencies, Arizona SHPO
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  
 Arizona Archaeological Council  
 Arizona Archaeological and Historical Society  
 International Right of Way Association  
 National Association of Environmental Professionals  
 Society for American Archaeology

AREAS OF EXPERTISE:  
 Clean Water Act (CWA) 404 permitting, Cultural resources regulatory processes, Environmental permitting process, Federal and state agency coordination, National Environmental Policy Act (NEPA), National Historic Preservation Act (NHPA) Section 106 compliance, National Register of Historic Places (NRHP), Right of way regulatory compliance

**H. RELEVANT PROJECTS**

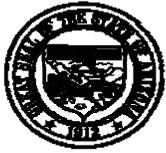
1.	(1) TITLE AND LOCATION ( <i>City and State</i> ) CenturyLink, Inc. On-call Environmental Services, Arizona,	(2) YEAR COMPLETED - 2010 to present
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Senior Project Manager - Responsible for archaeological and historic properties evaluations including archaeological surveys and treatment plans (as well as providing other environmental regulatory support) throughout Arizona but largely focused on the Tucson Basin. Regulatory issues have included Clean Water Act (CWA), Endangered Species Act (ESA), and National Historic Preservation Act (NHPA) compliance as well as local regulatory cultural resources/environmental compliance issues. (Individual and TIERRA ROW Experience).	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Tucson Electric Power, Inc. (TEP), Multiple Projects, Arizona	(2) YEAR COMPLETED - 2012 to present
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Senior Project Manager - Responsible for assisting TEP with a variety of cultural resources/archaeological regulatory compliance projects in support of their overall mission of providing power to parts of Arizona. Work has largely focused on the Tucson Basin and has included archaeological/historic property inventory and evaluations and regulatory support. (Individual and TIERRA ROW Experience)	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION ( <i>City and State</i> ) ASLD Klump Ranches Archaeological Survey and Site Damage Assessment, Klump Ranches, LLC., Willcox, Arizona	(2) YEAR COMPLETED - 2014 to present
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Senior Project Manager - Responsible for developing and implementing a cultural resources treatment plan, archaeological survey and archaeological site damage assessment, and complex reporting. The project has involved tribal consultation and coordination with multiple state and federal agencies. ( <i>Individual and TIERRA ROW Experience</i> )	<input checked="" type="checkbox"/> Check if project performed with current firm



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4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Rocking K Ranch Cultural Resources Services, Pima County, Arizona	(2) YEAR COMPLETED – 1998 to present	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Senior Project Manager - Responsible for state and local cultural resource/ archaeological compliance on the 5,000 acre Rocking K Ranch Development. The work consisted of large scale survey and the archaeological testing and data recovery of prehistoric archaeological sites located within the development envelope. ( <i>Individual and TIERRA ROW Experience</i> )	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Engineering & Environmental Consultants/The Vernadero Group/Fort Huachuca, Fort Huachuca Environmental Services, Arizona	(2) YEAR COMPLETED - 2009	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Senior Project Manager - Responsible for assisting Ft. Huachuca U.S. Armybase conduct a variety of environmental regulatory compliance projects in support of their overall training mission. Conducted cultural resource surveys, and archaeological and historic property evaluations at Ft. Huachuca, Army Base, Arizona. ( <i>Individual Experience</i> )	<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  Barbara Montgomery	b. ROLE IN THIS CONTRACT  Archeologist	c. YEARS EXPERIENCE	
		1. TOTAL 36	2. WITH CURRENT FIRM 13
d. LOCATION ( <i>City and State</i> )  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> )  Ph.D., Anthropology, University of Arizona, 1992 M.A., Anthropology, University of Arizona, 1983 B.A., Anthropology, University of Arizona, 1978		f. PROFESSIONAL TRAINING - REGISTRATIONS  Hazard Prevention Institute MSHA New Miner Certified 2014–present Traditional Cultural Places Workshop at the Historic Preservation Conference, 2013 Section 106 training workshop at Statistical Research, Inc., Tucson, 1999	
g. OTHER PROFESSIONAL QUALIFICATIONS ( <i>Organizations, Awards, etc.</i> )  Arizona Archaeological Council Society for American Archaeology Archaeology Southwest			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Cibola Roads Survey, for Cibola National Forest (Catron, Cibola, Lincoln, McKinley, Sierra, Socorro, and Torrance Counties), New Mexico,	(2) YEAR COMPLETED – 2014 to present	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE  Senior Principal Investigator/Project Manager - Supervised and managed the survey of 80 miles of a 200ft-wide corridor centered on various roads throughout the Mt. Taylor, Magdalena, and Mountainair Districts of the Cibola National Forest	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Phased data recovery for the City of Safford, Arizona	(2) YEAR COMPLETED - 2014	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE  Senior Principal Investigator – Supervised testing and data recovery excavations at Epley’s Ruin (AZ CC:2:64[ASM]); responsible for hiring temporary field crew, coordinating the field work, supervising the analyses and report writing, and agency submittal.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Class III survey for the Safford Field Office, Bureau of Land Management, northeastern Arizona	(2) YEAR COMPLETED - 2011	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE  Principal Investigator/Project Manager – Supervised a Class III archaeological survey on four parcels of BLM land totaling an area of 3,000 acres; responsible for coordinating the fieldwork, supervising the report writing, and agency submittal.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION ( <i>City and State</i> )  Saguaro Springs Data Recovery Project, for Empire Companies, LLC, Marana, Arizona	(2) YEAR COMPLETED - 2013	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE  Principal Investigator/Laboratory manager - Designed treatment plan; oversaw fieldwork, laboratory processing, analyses, and report writing for this data recovery project at four Rincon phase sites (AZ AA:12:77[ASM], AZ AA:12:327[ASM], AZ AA:12:328[ASM], AZ AA:12:965[ASM]) in Marana, Arizona	<input checked="" type="checkbox"/>	Check if project performed with current firm



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5.	(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED - 2014	
	Class III survey for a private client working with Rural Utilities Services on a BPIP project, New Mexico	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Principal Investigator - Supervised a Class III archaeological survey for a transmission line totaling 2,900 miles near Taos, New Mexico; responsible for coordinating the Class I research, supervising field work and report writing, and agency submittal.		



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

a. NAME  Jerry Lyon	b. ROLE IN THIS CONTRACT  Archeologist, GIS Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 1.5
d. LOCATION <i>(City and State)</i>  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  M.A., Anthropology B.A., Antiquities, Missouri State University		f. PROFESSIONAL TRAINING - REGISTRATIONS  Society for American Archaeology	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i>  On-call Cultural Resources Services, for Southwest Gas	(2) YEAR COMPLETED – 2014 to present
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Principal Investigator/Project Manager - Supervising Class I and Class III surveys and reports, writing and reviewing treatment, monitoring plans, and reports for gas line projects in City of Tucson and Pima County, Arizona: Data Recovery and Monitoring at Los Morteros (AZ AA:12:57[ASM]); Archaeological Monitoring at the Huntington Ruin (AZ AA:12:73[ASM]); Archaeological Monitoring at the La Cholla Locus (AZ AA:12:15/31[ASM]).	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i>  Canyon Trails Archaeological Survey	(2) YEAR COMPLETED - 2015
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Project Director/Principal Investigator - Class III cultural resources survey, report, and historic properties treatment plan for 174 acres within the Big Bend Quarry site, Bullhead City, Mohave County, Arizona. Included field supervision, site recording and evaluation, report writing.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i>  Yuma Proving Grounds USACE, Yuma, Arizona	(2) YEAR COMPLETED - 2014
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Project Director/Field Co-Director - Class III cultural resources surveys of 10,000 acres at the Yuma Proving Grounds, in Yuma and La Paz Counties, Arizona. (Individual Experience)	<input type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>  BMGR East, U.S. Fish and Wildlife Service (USFWS)	(2) YEAR COMPLETED - 2014
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Project/Field Director - Intensive archaeological survey of 155 acres in the southern San Cristobal Valley for the Sierra del Diablo Pronghorn Forage Plot Pipeline Realignment. Included field survey, recording and evaluation, and report writing. (Individual Experience)	<input type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>  Ash Meadows National Wildlife Refuge Class III, for the USFWS	(2) YEAR COMPLETED - 2008
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE  Project Director/GIS Specialist- Class III archaeological survey of the Ash Meadows National Wildlife Refuge, in Nye County, Nevada. Included field supervision, site recording and evaluation, GIS, site, and artifact database management and analysis, and report writing. (Individual Experience)	<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  Jeffrey Jones	b. ROLE IN THIS CONTRACT  Archeologist	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 11
d. LOCATION (City and State)  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION)  B.A., Anthropology		f. PROFESSIONAL TRAINING - REGISTRATIONS  Hazard Prevention Institute MSHA New Miner Certified, 2014–present	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  Arizona Archaeological and Historical Society Society for American Archaeology			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) Cultural Resource Inventory of the Teague Springs Civilian Conservation Corps Camp for the Bureau of Land Management (BLM), Safford Valley, Arizona	(2) YEAR COMPLETED - 2014	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Field Director - Survey of three non-contiguous parcels totaling 720 acres south of Fort Thomas, Arizona, to document Civilian Conservation Corps activity		<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Phased Data Recovery at Epley's Ruin for the City of Safford, Arizona	(2) YEAR COMPLETED - 2014	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Field Director - Directed backhoe trenching and subsequent data recovery investigations at AZ CC:2:64(ASM), Epley's Ruin.		<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) El Cabo Wind Project Transmission Line and Infrastructure Survey for Iberdrola Renewables, central New Mexico	(2) YEAR COMPLETED - 2013	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Director - Survey of 17,000 acres located southeast of Albuquerque for a proposed wind farm.		<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) La Cholla/Paradise testing and data recovery project in Pima County, Arizona	(2) YEAR COMPLETED - 2011	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Director - Directed backhoe trench testing and subsequent data recovery investigations at AZ AA:12:15(ASM), a multicomponent Hohokam village site.		<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (City and State) Navajo County Survey near Holbrook, Arizona, for the BLM	(2) YEAR COMPLETED - 2011	Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Field Director - Surveys of four non-contiguous juniper removal areas totaling 3,000 acres		<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  Joe Howell	b. ROLE IN THIS CONTRACT  Archeologist	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 8
d. LOCATION ( <i>City and State</i> )  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> )  M.A., Religious Studies, University of California, Santa Barbara, 2003 B.A., Archaeology, Prescott College, Prescott, Arizona, 1996		f. PROFESSIONAL TRAINING - REGISTRATIONS  Hazard Prevention Institute MSHA New Miner Certified 2014-present	
g. OTHER PROFESSIONAL QUALIFICATIONS ( <i>Organizations, Awards, etc.</i> )			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Class III survey on the Fort Yuma-Quechan Indian Reservation, Imperial County, California, for TDS Telecommunications	(2) YEAR COMPLETED - 2014
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Class III survey of a proposed fiber-optic line on the Fort Yuma-Quechan Indian Reservation	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Historical Research of Three Civilian Conservation Corps camps, for the Bureau of Land Management (BLM),	(2) YEAR COMPLETED - 2014
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Research Specialist - Performed historical research on the Teague, Sanchez, and U-Diamond camps in Graham County, Arizona.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Class III survey for the El Cabo Wind project, Torrance County, New Mexico	(2) YEAR COMPLETED - 2013
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Co-Field Director - Led Class III survey of approximately 6,892 acres for the installation of infrastructure associated with the El Cabo Wind project.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Cultural Resource Investigations at the Rocking K Ranch Development, for Diamond Ventures, Inc., Pima County, Arizona	(2) YEAR COMPLETED - 2011
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Vulnerability assessment of 24 prehistoric and historic sites, including several historic lime kilns, near Rincon Creek, Arizona	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Navajo County Cultural Survey Project Area survey for the Bureau of Land Management, near Holbrook, Arizona	(2) YEAR COMPLETED - 2011
		Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Led survey of approximately 3,000 acres in the Navajo County Cultural Survey Project Area	<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  Chance Copperstone	b. ROLE IN THIS CONTRACT  Archeologist	c. YEARS EXPERIENCE	
		1. TOTAL 9	2. WITH CURRENT FIRM 7
d. LOCATION ( <i>City and State</i> )  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> )  M.A., Applied Archaeology, University of Arizona, 2014 B.A., Anthropology, University of Arizona, 2007		f. PROFESSIONAL TRAINING - REGISTRATIONS  Hazard Prevention Institute MSHA New Miner Certified, 2013–present American Red Cross Adult CPR/AED Certified, 2014–2016 GovNet Construction Quality and Compliance Assurance training, 2015 Fundamentals of Budgeting for Archaeology Projects Webinar, Society for American Archaeology, 2015 Introduction to Prehistoric Artifact Analysis in Arizona and the Basics of Historical-Period Artifact Identification workshops at the 2011 Arizona Historic Preservation Conference Balancing the Business of Archaeology with Historic Preservation Compliance workshop at the 2014 Arizona Historic Preservation Conference	
g. OTHER PROFESSIONAL QUALIFICATIONS ( <i>Organizations, Awards, etc.</i> ) Arizona Archaeological and Historical Society Arizona Archaeological Council Archaeology Southwest Society of Ethnobiology			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION ( <i>City and State</i> ) SI Steel Repl St. David Survey, for Southwest Gas, in Cochise County, AZ	(2) YEAR COMPLETED - 2015 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Survey of 1,107 linear feet for a gas main replacement project on BLM land.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION ( <i>City and State</i> ) USFS Burro Mtn. AML Survey, for Gila National Forest, in Grant County, NM	(2) YEAR COMPLETED - 2015 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Crew Chief - Survey and recording of 19 mine features.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Atlas 1377 Survey, for Southwest Gas, in Marana, Arizona	(2) YEAR COMPLETED - 2015 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Survey of 5, 588 linear feet for a gasline replacement project.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) APAY Circle City Survey, for Tesinc, in Maricopa County, Arizona	(2) YEAR COMPLETED - 2015 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Survey of 0.58 acres for an aerial communications line replacement.	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Escudilla East Survey, for Gila National Forest, in Luna, New Mexico	(2) YEAR COMPLETED - 2015 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Field Director - Supervision of 5 crew on a 882 acre survey and documentation of 30 sites.	<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  Theresa Knoblock	b. ROLE IN THIS CONTRACT  Biologist	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 1
d. LOCATION <i>(City and State)</i>  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  M.S., Planning, University of Arizona, 2015 B.S., Biology, Sacramento State University, 1995		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

Women in Transportation Seminar (WTS)  
National Association of Environmental Professionals (NAEP)  
Arizona Association of Environmental Professionals (AZAEP)  
American Planning Association (APA)

**AREAS OF EXPERTISE:**

NEPA  
CEQA  
ADOT environmental clearances  
Section 4(f) of the Transportation Act  
Section 404 CWA  
Jurisdictional Delineations (JDs)  
National Historic Preservation Act (NHPA)  
Section 7 consultation

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i>  Rincon Knolls, for TrueLife Companies, Tucson, Arizona	(2) YEAR COMPLETED - 2015	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Managed Section 404 Permitting process for a 170-acre development project in the City of Tucson; project involves design and approval of subdivision plats for a residential development. Coordinated environmental studies including Section 404 delineation, authorization of a Nationwide Permit, preparation of a Biological Assessment and Cultural Resources Survey. Project has potential adverse impacts to archaeological resources and preparation of a data testing and recovery plan is necessary.		
2.	(1) TITLE AND LOCATION <i>(City and State)</i>  Milan Tract Farms, for the Village of Milan, Milan, New Mexico	(2) YEAR COMPLETED - 2015	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager - Managed Section 404 Permitting process for a flood control project in the Village of Milan; project involves realigning the Rio San Jose River and providing improved flood control capacity and bank protection. Coordinated environmental studies including Section 404 delineation, authorization of an Individual Permit, preparation of a Biological Assessment and Cultural Resources Survey.		
3.	(1) TITLE AND LOCATION <i>(City and State)</i>  Tohono O'odham Ki:Ki Association On-call, Arizona	(2) YEAR COMPLETED - 2015	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for an on-call contract with the Tohono O'odham Ki:Ki Association (TOKA) to coordinate with TOKA, the Arizona Department of Housing, the U.S. Department of Housing and Urban Development, and/or the Bureau of Indian Affairs staff to gather existing background information and determine which special studies may be necessary as well as the appropriate level of National Environmental Policy Act (NEPA) documentation required for project clearances for housing renewal projects on the Tohono O'odham Nation. Oversee resource staff preparing required documentation including conducting field surveys, preparing specialist reports and analyzing potential project impacts.		



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4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Southwest Gas On-Call, Arizona	(2) YEAR COMPLETED - ongoing	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Environmental Compliance Lead for an on-call contract with Southwest Gas (SWG) to prepare environmental compliance documentation for SWG projects. Oversee resource staff preparing required documentation including conducting biology field surveys, preparing specialist reports and analyzing potential project impacts. Provide quality control reviews of completed documentation.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Jemez Electric Cooperative, New Mexico	(2) YEAR COMPLETED - 2015	
		Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Project Manager for this project to prepare a Vegetation and Operations Maintenance Plan and National Environmental Policy Act (NEPA) clearance for the Jemez Electrical Cooperative to renew their Special Use Permit with the Santa Fe National Forest. Manage preparation of Biological Assessment, Cultural Resource Assessment and consultation, and Environmental Assessment.	<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  Tim Jordan	b. ROLE IN THIS CONTRACT  Biologist	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 11
d. LOCATION <i>(City and State)</i>  Tierra Right of Way Services, Ltd., Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>  B.S., Ecology and Evolutionary Biology, University of Arizona, 1996		f. PROFESSIONAL TRAINING - REGISTRATIONS  U.S. Army Corps of Engineers (USACE) Jurisdictional Wetlands, certified delineation training, Wetland Training Institute, 2009 Southwestern Willow Flycatcher certified survey training, Arizona Game & Fish Department (AZGFD), 2008 Western Burrowing Owl certified survey training, USFWS and AZGFD, 2008 Navajo Nation Biological Investigation Permit, 2007–Current Chiricahua leopard frog certified survey training, USFWS and the AZGFD, 2006 U.S. Fish & Wildlife Service (USFWS) Permit for Cactus Ferruginous Pygmy Owl and Pima Pineapple Cactus surveys, 2005–Current	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Avra Valley Transmission Main, Pima County, Arizona, for City of Tucson/Dibble Engineering	(2) YEAR COMPLETED – 2013 to present Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Biologist for a detailed route screening and analysis for up to five alternative routes for Tucson Water's Avra Valley Transmission Main, including wetland and water resources, Federal and State listed Threatened and Endangered Species, wildlife linkages, Pima County Priority Vulnerable Species, and riparian habitat and other native plant concerns.	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> La Tortuga Ranch Biological Evaluation, for the Pascua Yaqui Tribe, Arizona	(2) YEAR COMPLETED - 2013 Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Biologist for Biological Evaluation surveys for 600 acres of fee lands on La Tortuga Ranch and 34 acres along Black Wash within the boundaries of the Pascua Yaqui Reservation as part of the Tribe's efforts to determine the land's value as natural open space. The Biological Evaluations targeted special status species that were considered to have some potential for occurring on the parcels, including Pima Pineapple Cactus, Tumamoc Globeberry, California Leaf-nosed Bat, Lesser Long-nosed Bat, Mexican Long-tongued Bat, Swainson's Hawk, Western Burrowing Owl, Bell's Vireo, Chiricahua Leopard Frog, Sonoran Desert Tortoise, Tucson Shovel-nosed Snake, and Ground Snake.	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Environmental Surveys for the Arizona Middle Mile Microwave Project, for GovNET, Inc., Arizona	(2) YEAR COMPLETED – 2011 to present Professional Services <input checked="" type="checkbox"/> Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Biologist for the SACCNET Critical Middle Mile telecommunications project across Arizona that will serve to connect libraries, schools, and community organizations across the state. Services include Biological Evaluations, USFWS consultation, and preparation of an Environmental Assessment at 300+ locations, including several in Pima County, affecting lands under management of the Bureau of Land Management (BLM), U.S. Forest Service (USFS), and National Park Service (NPS), as well as State and private lands.	



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4.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Ryan Field Biological Evaluation, Pima County, Arizona, for Tucson Electric Power (TEP)	(2) YEAR COMPLETED - 2012	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Biologist for a Biological Evaluation for the proposed TEP Boy Scouts of America (a.k.a. Ryan Field) Amended Application southwest of Tucson. The project area was assessed for 38 special status species listed by USFWS and/or Bureau of Land Management (BLM) and their habitats. Of these 38 species, 16 are listed as Threatened or Endangered and therefore warrant full protection under the Endangered Species Act (ESA). No Federally listed Threatened, Endangered, or Candidate species or BLM-listed Sensitive species were observed in the project area at the time of the field survey. However, it was determined that the project site is located within an Arizona Upland biotic community consistent with the habitat profiles of Sonoran Green Toad, Mexican Long-tongued Bat, Pale Townsend's Big-eared Bat, Greater Western Bonneted Bat, Western Narrow-mouthed Toad, Sonoran Desert Tortoise, Lesser Long-nosed Bat, California Leaf-nosed Bat, Cave Myotis, and Tumamoc Globeberry.			
5.	(1) TITLE AND LOCATION ( <i>City and State</i> ) Wentworth Road & Interstate 10 (I-10) Pole Replacement Project Nationwide Permit 12 (NWP 12), Pima County, Arizona, for TEP	(2) YEAR COMPLETED - 2012 Professional Services <input checked="" type="checkbox"/>	Construction (if applicable)
	(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		
Senior Biologist for a NWP 12 Assessment for TEP's Wentworth Road and I-10 pole replacement project.			



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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>  CenturyLink, Statewide On-Call Contract, Arizona and New Mexico	b. YEAR COMPLETED - <b>ongoing</b>	
	PROFESSIONAL SERVICES  ✓	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER CenturyLink	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$21,691.68	e. TOTAL COST OF PROJECT \$13,661.93
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

**Services:** Ecological and Archaeological Investigations; Environmental Impact Studies, Assessments or Statements

Since 2009, Tierra has provided on-call cultural resource, environmental, and land services to CenturyLink (formerly Qwest Communications), which is expanding its fiber-optic network across many parts of Arizona and New Mexico. To date, Tierra has completed over 100 cultural resources survey and construction monitoring projects that have varied widely in scale from approximately 100 linear feet to 10 linear miles. Tierra has also completed SWPPPs, EAs, and prior rights research under this contract.



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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 -2013	
Summit Mine Power Line Project, Arizona and NewMexico	PROFESSIONAL SERVICES ✓	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Bureau of Land Management	\$57,738.66	\$56,667.91

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

**Services:** Ecological and Archaeological Investigations; Environmental Impact Studies, Assessments or Statements

Tierra assisted the BLM and Duncan Valley Electric Cooperative (DVEC) with environmental clearance of a project to construct, operate, maintain, and decommission an aerial electrical power distribution line to provide power to the Lordsburg Mining Company's Summit Mine in Grant County, New Mexico. Tierra provided archaeological survey, biological survey and consultation, and prepared the NEPA clearance documentation. Because the project was located within habitat that was potentially suitable for Golden Eagle, Southwestern Willow Flycatcher, Lesser Long-nosed Bat, Greater Long-nosed Bat, and Razorback Sucker, Tierra prepared a Biological Assessment and consulted with USFWS regarding potential impacts to these species. Tierra prepared the Environmental Assessment for the project for BLM (DOI-BLM-NM-L000-2013-0048-EA and DOI-BLM-AZ-G010-2013-0013-EA).



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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 - 2012	
Apache-Sitgreaves National Forest Cultural Resource Surveys, Arizona	PROFESSIONAL SERVICES ✓	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Bureau of Land Management	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$52,500	e. TOTAL COST OF PROJECT \$52,500
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

**Services:** Ecological and Archaeological Investigations

Tierra conducted a Class III cultural resource inventory of approximately 3,000 acres in Navajo County, near the Apache-Sitgreaves National Forest, for the Safford Field Office of the BLM. This survey resulted in the identification of 67 new and 3 previously recorded archaeological sites within 4 management units. The sites ranged in age from at least as early as the Pueblo I period (a.d. 800–1000) through Historic times. Despite the unexpectedly high site density, the final report for this project was submitted to the BLM less than four months from the start of fieldwork.



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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>  ARRA-Funded Statewide Broadband Network, Arizona	b. YEAR COMPLETED – ongoing	
	PROFESSIONAL SERVICES  ✓	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER  GovNet	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT  \$250,000	e. TOTAL COST OF PROJECT  \$236,928.58
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

**Services:** Ecological and Archaeological Investigations; Environmental Impact Studies, Assessments or Statements

Tierra completed biological and cultural resource surveys and reporting and prepared an Environmental Assessment for an American Recovery and Reinvestment Act (ARRA)-funded digital microwave broadband network in the State of Arizona. The project included 322 separate backbone and node sites located across the entire State. Because several of the project sites were located in or in the vicinity of suitable habitat for the endangered Mexican Spotted Owl and Lesser Long-nosed Bat, Tierra conducted informal consultation with the U.S. FWS to obtain concurrence for May Affect, Not Likely to Adversely Affect determinations of effect for these two species. Tierra also performed post-construction agave monitoring for two project sites as a part of these consultation efforts. The Environmental Assessment was finalized and a Finding of No Significant Impact was released in November 2011. Tierra continues to work with the client to amend the Environmental Assessment as certain sites are moved to alternate locations.



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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED -2010	
Las Cienegas Grassland Restoration Cultural Resource Surveys, Arizona	PROFESSIONAL SERVICES ✓	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Bureau of Land Management	\$54,190.00	\$54,190.00

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

**Services:** Ecological and Archaeological Investigations

Tierra conducted three surveys for the BLM (Tucson Field Office) totaling more than 3,800 acres for the Las Cienegas National Conservation Area Grassland Restoration Project in southern Arizona. Each area of potential effect (APE) required a Class III (100 percent) cultural resource survey to identify and record any culturally significant properties. The first APE covered 708 acres in the Bird Dog Clearance area. Four prehistoric sites and one historic homestead were located. The second APE covered 1,557 acres in the Hummel House Clearance Area. Twelve sites were located or relocated, including 1 historic artifact scatter and 11 prehistoric sites.

Fieldwork for both clearance areas was completed in July 2010. The final APE was the 1,544-acre Empire Well Clearance Area. Five prehistoric sites and one historic well and cattle watering station were recorded or rerecorded.



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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.)

Established in 1989, Tierra Right of Way Services is a diverse woman- and minority- owned land services company. Founded as a local right of way firm providing acquisition and relocation assistance services to cities, counties and private sector clients in Arizona, Tierra has grown steadily in services and scope. With eight offices in six western states, we now provide a diverse array of acquisition and relocation, cultural resources and environmental planning services. **OUR AREAS OF EXPERTISE INCLUDE RIGHT OF WAY, CULTURAL RESOURCES, ENVIRONMENTAL PLANNING, GIS & MAPPING.**

Our clients represent a mix of both the public and private sectors, including municipal, county, state and Federal agencies; telecommunications, electric, water, oil/gas pipeline, renewable energy, and mining companies; departments of transportation; and private developers across 34 states. Strategically positioned to take on projects in any region, Tierra delivers quality and cost-effective services for our clients through the expertise of our experienced, local land service professionals.

Tierra's Division of Environmental Planning and Cultural Resources assists clients in navigating the often difficult process of regulatory compliance, while still maintaining the highest standards for quality research. We have a reputation for providing timely, thorough and high quality services.

- Class I and III Cultural Resource Surveys
- Section 106 NHPA consultation with Agencies and Tribes
- Preparation of Research Designs and Historic Properties Treatment Plans
- National Register Eligibility and Identification Testing
- Data Recovery Excavations
- Construction Monitoring
- GIS Data Collection & Mapping
- In-House Artifact Analysis
- Bioarchaeological Services
- Osteological Services
- Faunal Analysis

Tierra has provided environmental consulting, permitting and analytical services throughout the Southwest since 1998, and land planning services since 2003. We work closely with both the public and private sectors to address each critical aspect of a project – quickly and efficiently. We specialize in all aspects of biological and ecological consulting, from on-the-ground surveys and complex environmental analyses, to report and permit writing. Our environmental planners are known for creating unique solutions to multifaceted land development, environmental and community concerns during each step of the planning process.

- National Environmental Policy Act (NEPA) Compliance (Categoric Exclusions, Environmental Assessments, and Environmental Impact Statements)
- Endangered Species Act (ESA) Compliance
- U.S. Army Corps of Engineers (USACE) Clean Water Act (CWA) Section 404/401 and Rivers and Harbor Act Section 10 Compliance and Permitting
- Surveys for Threatened, Endangered, and other Special Status Wildlife and Plant Species
- Pre-construction Sonoran Desert Tortoise Awareness Training Workshops
- Habitat Assessments and Mapping
- Native Plant Preservation Plans and Inventories
- Riparian Vegetation Mapping and Mitigation Plans
- Noxious Weed / Invasive Species Surveys
- Storm Water Pollution Prevention Plan (SWPPP) Preparation and Compliance Monitoring
- Construction Monitoring



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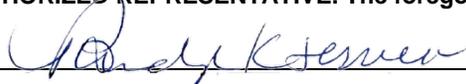
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7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	49%
b.	Percentage of Total Work Attributable to Non-Government Work:	51%

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

Signature: 

Date: 12/21/2015

Name: Randy K. Ferrick

Title: President