

	<h2>Offer and Acceptance</h2>	State of Arizona State Procurement Office 100 N. 15 th Ave. Suite 201 Phoenix, AZ 85007
	SOLICITATION NO.: ADSP016-00005912 Request for Qualifications: 2016 Annual Professional Services List	
	Offeror: <u>Westland Resources, Inc.</u>	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 style="text-align: center;"><u>WestLand Resources, Inc.</u></p> <p style="text-align: center;">Company Name</p> <p style="text-align: center;"><u>4001 E. Paradise Falls Drive</u></p> <p style="text-align: center;">Address</p> <p><u>Tucson</u> <u>AZ</u> <u>52712</u></p> <p>City State Zip</p> <p><u>kfesta@westlandresources.com</u></p> <p style="text-align: center;">Contact Email Address</p>	<p style="text-align: center;">  Signature of Person Authorized to Sign Offer </p> <p style="text-align: center;"><u>Kara D. Festa, PE</u></p> <p style="text-align: center;">Printed Name</p> <p style="text-align: center;"><u>Vice President</u></p> <p style="text-align: center;">Title</p> <p>Phone: <u>520-206-9585</u></p> <p>Fax: <u>520-206-9518</u></p>
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By signature in the Offer section above, the Offeror certifies:

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

ACCEPTANCE OF OFFER

The Offer is hereby accepted.

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

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

The effective date of the Contract is March 1, 2016

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

State of Arizona
 Awarded this 29 day of February 2016

 Procurement Officer



ATTACHMENT I – General Qualifications

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DEFINITIONS

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

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

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

Firm: Defined in ARS § 32-101(B.19.).

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

SPECIFIC INSTRUCTIONS:

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



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



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

List of Disciplines (Function Codes) for Question 2

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

List of Experience Categories (Profile Codes for Question 3)

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



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

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



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

1. Annual Request for Qualifications

a. FIRM (OR BRANCH OFFICE) NAME:	WestLand Resources, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	1750 S. Woodlands Village Blvd. #150
c. FIRM (OR BRANCH OFFICE) CITY:	Flagstaff
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	86001
f. YEAR ESTABLISHED:	2012
(g1). OWNERSHIP - TYPE:	Corporaton
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Tom Klimas
i. POINT OF CONTACT TELEPHONE NUMBER:	928-225-2218
j. POINT OF CONTACT E-MAIL ADDRESS:	tklimas@westlandresources.com
k. NAME OF FIRM (If block 1a is a branch office):	WestLand Resources, Inc.



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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Archaeologist	P	27	3
Biologist	P	2	
CADD Technician	P	6	1
Civil Engineer	P,S	2,11	1
Construction Manager	P	1	
Construction Inspector	P	3	
Ecologist	P	25	1
Environmental Engineer	S	1	
Environmental Scientist	P	3	
Geodetic Surveyor	P	4	
Specialist	P	6	1
Landscape Architect	P	2	
Project Manager	P,S	3,22	2
Technician/Analyst	P	18	
Water Resources Engineer	P	11	1
Other	P	24	1
Total		138	11



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

a. NAME Thomas M. Klimas	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 8
d. LOCATION <i>(City and State)</i> Flagstaff, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BA, Anthropology; CWA Section 404 and NEPA Planning and Compliance; NHPA Section 106		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Mine Safety and Health Administration Certified; NUCA Certified Competent Person			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Red Gap Ranch Environmental Services	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Natural Resources Inventory and Analysis and Cass III Archaeological Survey. \$59,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	FMI Morenci Producer CWA Permit Support, Morenci, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Jurisdictional Delineation, CWA Section 404 permitting, NEPA support and baseline studies, in support of mine operation. \$243,775.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Santa Cruz River Master Plan, Pima County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Review of proposed projects and potential impacts. Includes revised environmental report, response to town comments on RMP, biological resources, and cultural resources. \$117,091.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Silver Basin Reservoir & Morenci Canyon Jurisdictional Waters Evaluation, Morenci, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Evaluation of two canyons for potential jurisdictional waters. \$9,550.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	TEP Pinal Tortolita 500 kv Transmission Line, Pinal County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Biological evaluation, cultural resource survey and report, informal jurisdictional waters assessment, GIS mapping and support. \$680,984.	<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 Douglas Slover, PE	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 7	2. WITH CURRENT FIRM 3
d. LOCATION (<i>City and State</i>) Flagstaff, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) BS, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona Professional Engineer #57726	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) ADEQ Registered, Grade 1 Water Distribution and Wastewater Collection Operator # OP032861			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	BIA School Dennehotso Turn Lane Design, Dennehotso, AZ	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Survey, design, construction documents, and drainage letter for turn lane design for new school. \$29,160.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Grand Canyon Trans Canyon Pipeline CMR, Grand Canyon, AZ	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Construction inspection for new waterline in Grand Canyon. \$161,174.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Montezuma Creek Utilities Design Svcs, Navajo Nation, AZ	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Design and engineering of utilities. \$62,872.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>)	Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) T	Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



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

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

a. TITLE AND LOCATION <i>(City and State)</i> ADOT TNF Apache Trail Archaeological Assistance, Pinal County, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$30,875	e. TOTAL COST OF PROJECT \$30,875
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand is providing archaeological assistance to Tonto National Forest/ADOT Heritage Liaison, Michael Sullivan, to evaluate the features in the inventory documenting all man-made features associated with the Apache Trail (SR 88). Services include identification of missing or incorrect data in the inventory, research to provide corrected data, evaluation of features to be contributed to National ADOT TNF Apache Trail Archaeological Assistance Register, evaluation of adequacy of existing photographs and supplementation with new photographs as necessary and participation in meetings with ADOT Environmental Planning Group.



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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Desert Meadows Offsite Improvements Dennehotso, AZ	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Navajo Nation Division of Economic Development	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$198,253	e. TOTAL COST OF PROJECT \$221,732
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Design of the off-site improvements for a 150 acre development consisting of 54 homes, community service facilities such as police and fire departments, business park and 10 acres of commercial development. Design consisted of new sewer mains connecting to existing community infrastructure; new water mains and services. Road improvements consisting of turn and deceleration lanes for both ADOT highways and BIA access roads. Contract was modified to extend service duration.



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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) Red Gap Ranch Environmental Services Flagstaff, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Flagstaff	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$59,000	e. TOTAL COST OF PROJECT \$78,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand served as subconsultant to Southwest Ground-water Consultants, Inc. to provide natural resources inventory and analysis for the Red Gap Ranch Water Resources Environmental Assessment, a 7,500-acre parcel owned by the City of Flagstaff, to assess the potential impacts to biological resources from the development of pumping infrastructure, wells, and associated pipelines. Additionally, WestLand conducted a Class I records search for archaeological features, a targeted Class III survey, and provided a cultural resources report to document project findings. The client requested additional agency coordination services beyond those additionally scoped, resulting in additional project cost.



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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	
NewLands Shopping Center Sanders, AZ	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Navajo Tribal Utility Authority	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$14, 450	e. TOTAL COST OF PROJECT \$26,525
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Provided plan review and construction quality assurance for the water and wastewater infrastructure for the Twin Arrows Resort and Casino. The design/build project included all water and wastewater infrastructure. The water system included the construction and coordination of on-site wells, water conveyance, storage; and booster facilities. The wastewater system included gravity conveyance lines, lift station; force main and a 125,000 gpd wastewater treatment facility. Assured construction plans met regulatory and utility company requirements as well as constructability assurance. Managed all QA/QC construction oversight and participated in field modifications and system improvements. WestLand was contracted directly through the Navajo Nation Tribal Utility Authority (NTUA) and represented the NTUA for correspondence and coordination with the casino owner, regulatory agencies and the design build team. Topographical survey and mapping services were added as a change order during the 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 (City and State)	b. YEAR COMPLETED	
Winslow Well Winslow, AZ	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Winslow	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$43,750	e. TOTAL COST OF PROJECT \$43,750
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Design and construction administration of municipal water well and associated conveyance system. Well design included 125 HP motor/pump and 990 deep open bore and water main to connect new well to existing city water infrastructure. Design included innovative well design based on the unique hydrogeologic conditions. System design included pad with security fencing, electrical including backup generator and System Control and Data Acquisition (SCADA) hardware. WestLand provided construction administration services included development of hiring protocols for contractors and quality assurance oversight throughout the entire construction process.



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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.)

Since our establishment in 1997 in Tucson, WestLand Resources, Inc. has brought together a team of experts in environmental planning and permitting, cultural resources, civil engineering, land surveying, and landscape architecture. Over the last 17 years, we have achieved a current staff level of approximately 120 employees and have added offices in Phoenix and Flagstaff. We provide technical consulting services throughout the southwestern United States. Our staff's combined years of experience in a wide range of disciplines makes it possible for us to provide an integrated approach to a broad range of engineering and environmental projects in both the public and private sectors.

Environmental services offered by the firm include: natural resources planning and management; ecological resources survey and baseline studies; natural resources mitigation design and planning, compliance support and review under the National Environmental Policy Act (NEPA); Clean Water Act (CWA) permitting and compliance support services; Aquifer Protection Permitting support; National Historic Preservation Act Section 106 compliance support; Certificates of Environmental Compatibility, and Endangered Species Act compliance surveys and permitting; and development of Stormwater Pollution Prevention Plans under the National Pollutant Discharge Elimination System.

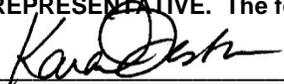
WestLand's team of archaeologists provides consulting services for cultural resource management; our specialists conduct archaeological surveys (Class I through III), cultural resource evaluations, monitoring, archaeological testing, and data recovery for a variety of clients throughout the Southwest. WestLand has the experienced staff, equipment, data management systems, and financial resources to complete any sized project awarded under this contract. WestLand's Cultural Resources Division presently employs 18 archaeologists, 15 of which work out of the Tucson Office. The staff includes a Division Director, three Principal Investigators, five Field Directors, a Laboratory Director, three crew chiefs, and five lab/field technicians. One of the Principal Investigators and one Field Director specialize in historic archaeology and archival research, one Principal Investigator is an expert in ceramic analysis and archeomagnetic dating, and another is a noted lithic analyst. The Cultural Resources Division is supported by a large GIS/CAD department, two technical editors, and an administrative staff of accountants who work with the Division Director to ensure that projects remain on budget

WestLand's Engineering Group was founded in 1997 to provide specialized services in water and wastewater engineering. Over the years, we have continued to expand our expertise and available services in the engineering industry, to include land development engineering and land surveying services. We have developed a talented staff of professional engineers, scientists, and designers for water, wastewater, process and related systems, as well as commercial, residential, and public improvement design and permitting. WestLand provides value to our clients through our depth of experience, respect among regulators and peers, and enthusiasm for the work.

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:	12%
b. Percentage of Total Work Attributable to Non-Government Work:	88%

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

Signature:  Date: 12/21/2015

Name: Kara D. Festa, PE Title: Vice President



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DEFINITIONS

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

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

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

Firm: Defined in ARS § 32-101(B.19.).

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

SPECIFIC INSTRUCTIONS:

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



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



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

List of Disciplines (Function Codes) for Question 2

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

List of Experience Categories (Profile Codes for Question 3)

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



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

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



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

1. Annual Request for Qualifications

a. FIRM (OR BRANCH OFFICE) NAME:	WestLand Resources, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	2020 N. Central Ave. #695
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85004
f. YEAR ESTABLISHED:	1997
(g1). OWNERSHIP - TYPE:	Corporaton
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Bruce Larson, PE
i. POINT OF CONTACT TELEPHONE NUMBER:	602-888-7000
j. POINT OF CONTACT E-MAIL ADDRESS:	blarson@westlandresources.com
k. NAME OF FIRM <i>(If block 1a is a branch office):</i>	WestLand Resources, Inc.



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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Archaeologist	P	27	1
Biologist	P	2	
CADD Technician	P	6	1
Civil Engineer	P,S	2,11	1
Construction Manager	P	1	
Construction Inspector	P	3	
Ecologist	P	25	1
Environmental Engineer	S	1	
Environmental Scientist	P	3	
Geodetic Surveyor	P	4	
Specialist	P	6	2
Landscape Architect	P	2	
Project Manager	P,S	3,22	
Technician/Analyst	P	18	
Water Resources Engineer	P	11	
Other	P	24	3
Total		138	8



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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
	Engineering (including Area Master Planning, Codes; Standards; Ordinances)	3
	Environmental (including Cartography, Conservation and Resource Management, Digital Elevation and Terrain Model Development	4
	Ecological and Archaeological Investigations, Environmental Impact Studies, Assignments or Statements, Historical Preservation)	

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |



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

a. NAME Bruce P. Larson, PE	b. ROLE IN THIS CONTRACT Principal	c. YEARS EXPERIENCE	
		1. TOTAL 27	2. WITH CURRENT FIRM 1

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

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS, Civil Engineering	f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #26961
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
American Council of Engineering Companies, Home Builders Association, SAME, ULI, Valley Partnership, Honorary Commander Alumni with Luke Air Force Base, City of Glendale General Plan Steering Committee

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Enclave at Olive Development Services, Phoenix, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Tentative Plat, Preliminary Drainage Report, Improvement Plans, Final Drainage Report, Stormwater Pollution Prevention Plant, Final Plat, MCES Approval to Construct Application for Water Facilities Application, and Water and Wastewater Design Reports for 65-lot subdivision on 13 acres. \$79,650.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	99th Ave. and Indian School Rd. (Enclave at Indian School) Due Diligence Engineering, Phoenix, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Engineering due diligence, including existing zoning and general plan designations and other rezoning requirements, existing right of ways and required right of way, existing and future water and wastewater requirements, and other existing utilities. \$3,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Red Rock Village V2, Unit 2 Final Plat and Plan Revision, Pinal County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Conceptual lot layout, grading plan modification, water and sewer plan modifications, ADEQ ATC applications for water and sewer, and lot combination re-plat. \$36,255.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Vail Elementary School at Sycamore Leaf Road, Pima County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Vegetation review, schematic design, design development, construction plans, and services during construction for proposed new Vail District elementary school. \$41,450.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Villages at Vigneto Jurisdictional Waters Compliance Acreage Calculations, Cochise County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Determination of planned disturbance area to jurisdictional waters of the United States in accordance with CWA Section 404 for an approximately 82,000 acre development. \$15,200.	<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 Amelia (Amy) Edwards, PE	b. ROLE IN THIS CONTRACT Environmental Planning and Permitting	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MS, Civil Engineering; BS Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #35739; Project Management Professional #65028501	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Public Works Association; Project Management Institute			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
1.	Tusayan-Kotzin & Ten X Ranches SUP/EA, Tusayan, Arizona (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Preparation of Special Use Permit to support vehicle access and utilities to the Kotzin Ranch and Ten X Ranch parcels via dedicated rights of way and/or easements. Includes development of Environmental Assessment and Jurisdictional Determination. \$389,900.	Professional Services ongoing	Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	ADOT SMF Data Recovery for Sites 204, 221, 151/205, 423, Maricopa County, AZ (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Treatment Plan, Section 106 Consultation Letters, fieldwork, lab processing, analysis, report, and curation in support of South Mountain Freeway construction. \$409,692.	Professional Services ongoing	Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	ADOT Route 66 Roadbed Survey, Arizona (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager - . Provided work plan, archival and records search, and GIS database for roadbed survey of Route 66 in Arizona. \$39,626.	Professional Services ongoing	Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	ADOT TNF Apache Trail Archaeological Assistance, Maricopa County, AZ (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager - Identification of missing or incorrect data in inventory; research to provide corrected data; evaluation of features for contribution to National Register; evaluation of photographs and supplementation with new photos where necessary. \$30,875.	Professional Services ongoing	Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	ADOT I-11 Tier 1 EIS SOW, Arizona (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Provided assistance to the ADOT Environmental Planning Group and Multimodal Planning Division in developing Scope of Work for Interstate 11 Tier 1 Environmental Impact Statement. \$39,792.	Professional Services 2015	Construction (if applicable)
		<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 John M. Lindly, PhD	b. ROLE IN THIS CONTRACT Cultural Resources Principal Investigator	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> PhD, Anthropology; MA, Anthropology; BA, Anthropology		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Society for Historical Archaeology; Society for American Archaeology; Member of the SHPO Advisory Committee on Historical Archaeology			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ADOT SMF Data Recovery for Sites 204, 221, 151/205, 423, Maricopa County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Investigator - Treatment Plan, Section 106 Consultation Letters, fieldwork, lab processing, analysis, report, and curation in support of South Mountain Freeway construction. \$409,692.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	ADOT Route 66 Roadbed Survey, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Investigator - Provided work plan, archival and records search, and GIS database for roadbed survey of Route 66 in Arizona. \$39,626.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	ADOT SMF Data Recovery Sites 52 and 206, Phoenix, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager - . Treatment Plan, Section 106 Consultation Letters, Phase I Data Recovery, Post-field Analysis, and Preliminary Report for South Mountain Freeway construction. \$604,803.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	ADOT TNF Apache Trail Archaeological Assistance, Maricopa County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Investigator - Identification of missing or incorrect data in inventory; research to provide corrected data; evaluation of features for contribution to National Register; evaluation of photographs and supplementation with new photos where necessary. \$30,875.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Bisbee Sewer Lateral Rehab PER and ER, Bisbee, AZ	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Investigator – Cultural resources in support of Preliminary Environmental Report and Environmental Report to secure funding to improve existing lateral sewers. \$110,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

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

a. TITLE AND LOCATION <i>(City and State)</i> ADOT TNF Apache Trail Archaeological Assistance, Pinal County, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$30,875	e. TOTAL COST OF PROJECT \$30,875
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand is providing archaeological assistance to Tonto National Forest/ADOT Heritage Liaison, Michael Sullivan, to evaluate the features in the inventory documenting all man-made features associated with the Apache Trail (SR 88). Services include identification of missing or incorrect data in the inventory, research to provide corrected data, evaluation of features to be contributed to National ADOT TNF Apache Trail Archaeological Assistance Register, evaluation of adequacy of existing photographs and supplementation with new photographs as necessary and participation in meetings with ADOT Environmental Planning Group.



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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	
ADOT Electronic Based Environmental Procedures Manual, Arizona	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$49,553	e. TOTAL COST OF PROJECT \$49,553
--	--	--------------------------------------

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

WestLand provided assistance to the ADOT Environmental Planning Group to develop environmental guidance materials and an electronic based procedures manual. WestLand conducted an existing guidance material inventory, assessment of needed upgrades, new online manual, and new user-friendly, electronic based manual guiding the ADOT NEPA process.



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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	
ADOT Route 66 Roadbed Survey, Apache, Navaho, Coconino, Yavapai, and Mohave Counties, Arizona	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$39,626	e. TOTAL COST OF PROJECT \$39,626
--	--	--------------------------------------

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

WestLand is constructing a GIS database that defines the various segments of Route 66 in Arizona from its inception in 1926 to its decommissioning in 1985. The project includes archival and records search and creation of a GIS database utilizing ESRI ArcGIS which will include all geospatial feature classes based on the identified alignments discovered during the research phase. The data contains Federal Geographic Data Committee metadata. Final feature classes will be corrected for topology and georeferenced and superimposed n aerial/satellite photogrammetric layers and/or US Geological Survey topographic layers.



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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.)

Since our establishment in 1997 in Tucson, WestLand Resources, Inc. has brought together a team of experts in environmental planning and permitting, cultural resources, civil engineering, land surveying, and landscape architecture. Over the last 17 years, we have achieved a current staff level of approximately 120 employees and have added offices in Phoenix and Flagstaff. We provide technical consulting services throughout the southwestern United States. Our staff's combined years of experience in a wide range of disciplines makes it possible for us to provide an integrated approach to a broad range of engineering and environmental projects in both the public and private sectors.

Environmental services offered by the firm include: natural resources planning and management; ecological resources survey and baseline studies; natural resources mitigation design and planning, compliance support and review under the National Environmental Policy Act (NEPA); Clean Water Act (CWA) permitting and compliance support services; Aquifer Protection Permitting support; National Historic Preservation Act Section 106 compliance support; Certificates of Environmental Compatibility, and Endangered Species Act compliance surveys and permitting; and development of Stormwater Pollution Prevention Plans under the National Pollutant Discharge Elimination System.

WestLand's team of archaeologists provides consulting services for cultural resource management; our specialists conduct archaeological surveys (Class I through III), cultural resource evaluations, monitoring, archaeological testing, and data recovery for a variety of clients throughout the Southwest. WestLand has the experienced staff, equipment, data management systems, and financial resources to complete any sized project awarded under this contract. WestLand's Cultural Resources Division presently employs 18 archaeologists, 15 of which work out of the Tucson Office. The staff includes a Division Director, three Principal Investigators, five Field Directors, a Laboratory Director, three crew chiefs, and five lab/field technicians. One of the Principal Investigators and one Field Director specialize in historic archaeology and archival research, one Principal Investigator is an expert in ceramic analysis and archeomagnetic dating, and another is a noted lithic analyst. The Cultural Resources Division is supported by a large GIS/CAD department, two technical editors, and an administrative staff of accountants who work with the Division Director to ensure that projects remain on budget

WestLand's Engineering Group was founded in 1997 to provide specialized services in water and wastewater engineering. Over the years, we have continued to expand our expertise and available services in the engineering industry, to include land development engineering and land surveying services. We have developed a talented staff of professional engineers, scientists, and designers for water, wastewater, process and related systems, as well as commercial, residential, and public improvement design and permitting. WestLand provides value to our clients through our depth of experience, respect among regulators and peers, and enthusiasm for the work.

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:	12%
b.	Percentage of Total Work Attributable to Non-Government Work:	88%

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

Signature:
Name: Kara D. Festa, PE

Date: 12/21/2015
Title: Vice President



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DEFINITIONS

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

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

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

Firm: Defined in ARS § 32-101(B.19.).

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

SPECIFIC INSTRUCTIONS:

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



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



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

List of Disciplines (Function Codes) for Question 2

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

List of Experience Categories (Profile Codes for Question 3)

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



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

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



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

1. Annual Request for Qualifications

a. FIRM (OR BRANCH OFFICE) NAME:	WestLand Resources, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	4001 E. Paradise Falls Drive
c. FIRM (OR BRANCH OFFICE) CITY:	Tucson
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85712
f. YEAR ESTABLISHED:	1997
(g1). OWNERSHIP - TYPE:	Corporaton
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Kara D. Festa, PE
i. POINT OF CONTACT TELEPHONE NUMBER:	520-206-9585
j. POINT OF CONTACT E-MAIL ADDRESS:	kfesta@westlandresources.com
k. NAME OF FIRM (If block 1a is a branch office):	



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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Archaeologist	P	27	21
Biologist	P	2	
CADD Technician	P	6	
Civil Engineer	P,S	2,11	
Construction Manager	P	1	
Construction Inspector	P	3	
Ecologist	P	25	
Environmental Engineer	S	1	
Environmental Scientist	P	3	
Geodetic Surveyor	P	4	
Specialist	P	6	
Landscape Architect	P	2	
Project Manager	P,S	3,22	
Technician/Analyst	P	18	
Water Resources Engineer	P	11	
Other	P	24	
Total		138	



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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
	Engineering (including Area Master Planning, Codes; Standards; Ordinances, Construction Management, Construction Surveying, Desalinization (Process And Facilities), Design Build, Energy/Water Auditing Savings, Geodetic Surveying, Land Surveying, Phase I Environmental)	7
	Environmental (including Cartography, Conservation and Resource Management, Digital Elevation and Terrain Model Development Ecological and Archaeological Investigations, Environmental Impact Studies, Assignments or Statements, Historical Preservation)	7
	Landscape Architecture (including Activity Centers, Community Facilities, Disability/Special Needs, Outdoor Recreation, Recreation Facilities (Parks, Marinas, Etc.)	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |



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

a. NAME James A. Tress, Jr., MNS	b. ROLE IN THIS CONTRACT Project Principal	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MNS, Ecology; BS, Biology		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> National Association of Environmental Professionals; American Institute of Biological Sciences			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ADOT Route 66 Roadbed Survey, Across Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Archival and records search and development of GIS database for cultural resource roadbed features along Route 66 in Arizona. \$39,626.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Santa Cruz River Master Plan, Pima County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – WestLand provided initial review of the proposed project as well as proposed impacts to potentially jurisdictional waters, Clean Water Act permit planning, mitigation development, and environmental compliance support. \$117,091.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Tangerine Rd Corridor CWA 404 Permit Support, Marana, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Preliminary Jurisdictional Delineation Addendum, CWA 404 Permit application, Section 404(B)(1) Alternatives Analysis, Section 401 Certification application, Draft Environmental Assessment, Update Biological Report/coordination with USFWS, cultural resources, mitigation planning. \$99,446.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Big Box Dam Monitoring Report, Pinal County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Conducted monitoring in support of US Army Corps of Engineering permit requirements. Included vegetation monitoring, subsurface flow monitoring, and annual monitoring report preparation. \$33,300	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Boulder Bridge at Dove Mtn Ph I Construction Monitoring, Pima County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in charge – Desert tortoise monitoring during construction in compliance with Dove Mountain Conservation Plan. \$23,600	<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 Brian S. Lindenlaub	b. ROLE IN THIS CONTRACT Project Principal	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 14
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS, Geological Engineering; BS Fisheries & Wildlife		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> National Association of Environmental Professionals			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED
1.	Appleton Ranch Class III, Superior Arizona	Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Class III Cultural Resources survey, including draft and final report as well as ASM registration. \$38,000.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	C.O.T. 15-10 Cultural Resources Survey, Tucson, Arizona	Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Class I archaeological research and Class III pedestrian cultural research survey. Provide final report and register with Arizona State Museum. \$3,300.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	Avra Water Miscellaneous Consulting, Pina County, Arizona	Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Principal – Provided various environmental planning and permitting services in support of water system upgrade projects. \$243,531.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	Southeast Interceptor Sewer Design, Tucson, Arizona	Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Principal – Provided environmental permitting services and Stormwater Pollution Prevention Plan support for interceptor sewer design. \$1,265,342.	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	Comments on EPA Proposed Definition of Waters of the U.S., Benson, Arizona	Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Responded on behalf of client to EPA and US Army Corps of Engineers changes to the definition of Waters of the United States under the Clean Water Act. \$6,800.	<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 Kimberly A. Smith-Otero	b. ROLE IN THIS CONTRACT Environmental Planning and Permitting	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 15

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

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MEM; MEd, Special Education; BA, Biology	f. PROFESSIONAL TRAINING - REGISTRATIONS N/A
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Certification in Public Participation from IAP2; Mine Safety and Health Training Implementation of NEPA on Federal Lands and Facilities; International Association for Public Participation; Arizona Native Plant Society

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Tangerine Rd Corridor CWA 404 Permit Support Marana, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager - Preliminary Jurisdictional Delineation Addendum, CWA Section 404 Permit Application, Section 404(b)(1) Alternatives Analysis, Section 401 Certification Application, Draft Environmental Assessment, Biological Report Update and cultural resource survey, Historic Properties Treatment\Plan, mitigation planning, and client and agency coordination. \$99,446.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	CAP Canal Trail Environmental Assessment, Marana, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Developed draft and final Environmental Assessments. \$25,044.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	SR 187 ADOT Environmental Self Certification, Pinal County, Arizona	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Completed an Environmental Self-Certification in accordance with ADOT for a project consisting of approximately 6.2 miles of telecommunications lines within the Gila River Indian Community. \$19,075.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Southeast Interceptor Sewer Design, Tucson, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager– Provided environmental permitting services and Stormwater Pollution Prevention Plan support for interceptor sewer design. \$1,265,342.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Tangerine-Downtown Sewer Conveyance Sys Environmental Services, Marana, Arizona	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Provided Preliminary Jurisdictional and Wetlands delineation, Biological Evaluation, Cultural Resources Inventory, CWA 404 Permitting Memo. \$31,967.	<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 Aaron Robert Graham	b. ROLE IN THIS CONTRACT Environmental Scientist	c. YEARS EXPERIENCE	
		1. TOTAL 11	2. WITH CURRENT FIRM 4
d. LOCATION (<i>City and State</i>) Tucson, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) MS, Environmental Sciences; BS, Soil and Water Science		f. PROFESSIONAL TRAINING - REGISTRATIONS N/A	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Appleton Ranch Class III, Superior Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Scientist – Class III Cultural Resources survey, including draft and final report as well as ASM registration. \$38,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Confidential Client Environmental Permitting Support 2015-16, Pinal County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Irrigation planning and monitoring, vegetation monitoring, biological surveys, cultural resource support. \$249,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Confidential Client Clean Water Act 404 Permitting Support, Pima County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Scientist – Provided environmental services in support of Clean Water Act 404 permitting. \$1,207,762.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	FMI Morenci UCC HMMP Field Monitoring/Reporting, Morenci, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager– Provided success criteria monitoring via quarterly site visits and annual reporting in support of a habitat mitigation and monitoring plan.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	FMI Pinal Creek 2015 Ecological Restoration Activities, Pinal County, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Provided environmental services, permitting/client coordination, HMMP annual monitoring report, and biological surveys. \$86,000.	<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 Fred Huntington	b. ROLE IN THIS CONTRACT Cultural Resources Director	c. YEARS EXPERIENCE	
		1. TOTAL 23	2. WITH CURRENT FIRM 5
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BA, Anthropology		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT SMF Data Recovery for Sites 204, 221, 151/205, 423, Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Cultural Resources Director – Treatment Plan, Section 106 Consultation Letters, fieldwork, lab processing, analysis, report, and curation in support of South Mountain Freeway construction. \$409,692.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Route 66 Roadbed Survey, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Cultural Resources Director – Provided work plan, archival and records search, and GIS database for roadbed survey of Route 66 in Arizona. \$39,626.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT TNF Apache Trail Archaeological Assistance, Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Cultural Resources Director – Identification of missing or incorrect data in inventory; research to provide corrected data; evaluation of features for contribution to National Register; evaluation of photographs and supplementation with new photos where necessary. \$30,875.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Marana Downtown Sewer Phased Data Recovery, Marana, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Phase I Data Recovery for sewer conveyance system. \$181,985.	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> TEP Pinal Tortolita 500 kv Transmission Line, Pinal County, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Cultural Resources Director – Cultural survey and report in support of environmental planning and permitting for new power line in Pinal County, AZ. \$680,984.	<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 William L. Deaver, MA, RPA	b. ROLE IN THIS CONTRACT Cultural Resources Principal Investigator	c. YEARS EXPERIENCE	
		1. TOTAL 33	2. WITH CURRENT FIRM 9
d. LOCATION (<i>City and State</i>) Tucson, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) MA, Anthropology; BA, Anthropology		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) Irvington-I19 Phased Data Recovery, Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Principal Investigator – Development of an archaeological testing plan and archaeological testing of archaeological site AZ BB:13:402(ASM) acceptable to the City of Tucson Historic Preservation Office and collection of surface artifacts and excavation of a series of backhoe trenches to locate significant buried cultural deposits. \$67,190.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (<i>City and State</i>) Avalon Solar Data Recovery Plan. Pima County, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Principal Investigator – Development of a Data Recovery Plan acceptable to both Pima County and the State Historic Preservation Office. \$30,500.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (<i>City and State</i>) ADOT SMF Data Recovery for Sites 204, 221, 151/205, 423, Maricopa County, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Principal Investigator - Treatment Plan, Section 106 Consultation Letters, fieldwork, lab processing, analysis, report, and curation in support of South Mountain Freeway construction. \$409,692.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>) Marana Downtown Sewer Phased Data Recovery, Marana, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Principal Investigator – Phase I Data Recovery for sewer conveyance system. \$181,985.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) TEP Pinal Tortolita 500 kv Transmission Line, Pinal County, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Principal Investigator – Cultural survey and report in support of environmental planning and permitting for new power line in Pinal County, AZ. \$680,984.	<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 Rick W. Schonfeld, RLA, ASLA	b. ROLE IN THIS CONTRACT Landscape Architect, Native Plant Preservation	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 12
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS, Landscape Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona Registered Landscape Architect #16151	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Society of Landscape Architects, The Nature Conservancy; Arizona Native Plant Society			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Avra Valley Solar Project Environmental Compliance Support Pima County, AZ	(2) YEAR COMPLETED
		Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – WestLand provided environmental compliance support for the development of this solar project. As part of this support, we provided landscape construction management services for landscape and irrigation work. \$159,430.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Freer Drive Native Plant Preservation Plan, Pima County, AZ	(2) YEAR COMPLETED
		Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Native Plant Preservation Plan and Landscape Plan for approximately 10 acre subdivision. \$9,000.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Andrada High School Additional Landscape, Vail School District, Pima County, AZ	(2) YEAR COMPLETED
		Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Existing landscape and irrigation review, schematic design, design development, construction plans, and services during construction for remodeling of High School. \$26,700.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Santa Cruz River Master Plan	(2) YEAR COMPLETED
		Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape Architect – Review of proposed projects and potential impacts. Includes revised environmental report, response to town comments on RMP, biological resources, and cultural resources. \$117,091.	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> SunEdison-FRV Solar Habitat Monitoring	(2) YEAR COMPLETED
		Professional Services ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Habitat enhancement monitoring and borrowing owl relocation and monitoring tasks. Includes documentation of installation of vegetation and habitat enhancements, bi-annual qualitative assessments, milestone quantitative assessments, and monitoring reports. \$129,390.	<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 Mark F. Taylor, PE b	b. ROLE IN THIS CONTRACT Engineering Principal	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MBA; BS, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #22999	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Member - Citizen's Water Advisory Committee to the City of Tucson; Finance Subcommittee Member - Citizen's Water Advisory Committee to the City of Tucson			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Aerospace Corridor Augmentation (3ASC15) with Land Surveyor Services, Tucson, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Survey services including legal descriptions in support of interceptor sewer design. \$32,600.	Professional Services ongoing
		Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Booster Station 1 and Well Field Design, Pima County, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Existing well evaluation, engineering design, and bidding services for new well field. \$321,996.	Professional Services ongoing
		Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Continental Ranch Lift Station Rehab Project, Marana, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Design Report, Final Design, Construction Specifications, Engineering services during construction, Engineer of Record and Record Drawings, and As-needed design services. \$721,628.	Professional Services ongoing
		Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Johnson Camp Mine Drinking Water System Support, Dragoon, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Improvements to performance of the system in reference to current demand and future use; minimization of probability of human health issues. \$149,491.	Professional Services ongoing
		Construction (if applicable)
		<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Southeast Interceptor Sewer Design, Tucson, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Feasibility Study and Alignment Study and design as well as oversight services for interceptor sewer. \$1,265,342.	Professional Services ongoing
		Construction (if applicable)
		<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 Thomas A. Martinez, PE	b. ROLE IN THIS CONTRACT Engineering Principal	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 18
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> S, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #32983	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> RAM-WSM Certification; Attended Law for Design Professionals in Arizona Seminar; Completed DPIC's Mediation in the Construction Industry Seminar; Completed Course in Managing Construction Projects to Prevent Construction Claims Seminar			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Tangerine X-Zone Production Well, Marana, AZ	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Design of a new potable water production well. Services include general site layout, wellhead piping, and connection with storage tank; 12-inch by 500 foot well design; well pump and motor selection and design; electrical and instrumentation design; and preparation of final plans for permitting, bidding, and construction. \$24,500.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Town of Marana On-Call Engineering Design Services, Marana, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge - On-call water and wastewater engineering and design services since 2000. Many projects have been multi-disciplined including environmental, cultural resource, and landscape services.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Town of Oro Valley On-Call Engineering Design Services, Oro Valley, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – On-call water engineering and design services since 2001. Many projects have been multi-disciplined including environmental, cultural resource, and landscape services.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Sanders Unified School District #18 WWTS, Sanders, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – System option investigation, replacement wastewater treatment plant design, clean closure plan, replacement well, and lift station design. \$227,514.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Effluent Recharge Field Development, Avondale, Arizona	(2) YEAR COMPLETED	
		Professional Services ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Facility design and construction documents, permitting, and construction services for effluent recharge field. \$269,545.	<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 Kara D. Festa, PE	b. ROLE IN THIS CONTRACT Engineering Principal	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 16
d. LOCATION <i>(City and State)</i> Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MS, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #33420	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Copper Mt Ranch Well Siting Analysis, Casa Grande, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Due diligence and well siting for mixed-use community. Tasks included investigation of well locations, utility locations, and property identification. \$26,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	East Slope System Looping Pipeline Design & Bidding, Cochise County, Arizona	2005	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge - Phased design, site survey, and bidding services for proposed water main improvements to the main water system part of the East Slope service area in Cochise County. \$83,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Bisbee Sewer Lateral Rehab PER and ER, Bisbee, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Preparation of engineering and environmental documentation and ancillary services to support the City of Bisbee in the process to obtain agency approval and funding for the Old Bisbee Sewer Lateral Rehabilitation Project. \$110,000	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Desert Springs DWID Water System Design, Pinal County, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Engineering design services for new well tank and PRV station and transmission required to provide service to subdivision. Also included permitting assistance. \$91,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	TEP Design of TEP Wells 10S and 10D, Tucson, AZ	ongoing	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in Charge – Design services for two wells for Tucson Electric Power Company. \$39,000.	<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 Craig Cannizzaro, PE	b. ROLE IN THIS CONTRACT Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 19	2. WITH CURRENT FIRM 15
d. LOCATION (<i>City and State</i>) Tucson, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) BS, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Civil Engineer, Arizona #34926	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Vail Water Company On-Call Services, Vail, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Senior Project Engineer - WestLand has prepared master planning and Capital Improvement Plans to assist in managing the water system and providing adequate water supplies. Our staff meets regularly with the General Manager regarding engineering and operational issues, as well as providing plan reviews, hydraulic modeling, and miscellaneous design and operational assistance. \$557,082.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Southeast Interceptor Augmentation Feasibility Study and Design Pima County, Arizona	2015	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Investigate potentially adverse conditions and obstacles, develop viable design options and document in feasibility report. Phase 2 design will move forward based upon the approval of the feasibility report. \$405,474.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	22nd St. Bridge Water Treatment Plant, Tucson, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Preparation of engineering design plans to relocate a portion of an existing water treatment facility underneath the 22nd Street overpass over the Union Pacific railroad tracks. \$72,926.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Continental Ranch Lift Station Rehab Project, Marana, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Design of upgrades to the Continental Ranch Regional Pump Station to correct deficiencies. \$721,628.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Copper Mt Ranch Well Siting Analysis, Casa Grande, Arizona	ongoing	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project Manager – Due diligence and well siting for mixed-use community. Tasks included investigation of well locations, utility locations, and property identification. \$26,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

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

a. TITLE AND LOCATION <i>(City and State)</i> ADOT TNF Apache Trail Archaeological Assistance, Pinal County, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$30,875	e. TOTAL COST OF PROJECT \$30,875
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand is providing archaeological assistance to Tonto National Forest/ADOT Heritage Liaison, Michael Sullivan, to evaluate the features in the inventory documenting all man-made features associated with the Apache Trail (SR 88). Services include identification of missing or incorrect data in the inventory, research to provide corrected data, evaluation of features to be contributed to National ADOT TNF Apache Trail Archaeological Assistance Register, evaluation of adequacy of existing photographs and supplementation with new photographs as necessary and participation in meetings with ADOT Environmental Planning Group.



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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	
ADOT Electronic Based Environmental Procedures Manual, Arizona	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$49,553	e. TOTAL COST OF PROJECT \$49,553
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand provided assistance to the ADOT Environmental Planning Group to develop environmental guidance materials and an electronic based procedures manual. WestLand conducted an existing guidance material inventory, assessment of needed upgrades, new online manual, and new user-friendly, electronic based manual guiding the ADOT NEPA process.



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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	
ADOT Route 66 Roadbed Survey, Apache, Navaho, Coconino, Yavapai, and Mohave Counties, Arizona	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$39,626	e. TOTAL COST OF PROJECT \$39,626
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand is constructing a GIS database that defines the various segments of Route 66 in Arizona from its inception in 1926 to its decommissioning in 1985. The project includes archival and records search and creation of a GIS database utilizing ESRI ArcGIS which will include all geospatial feature classes based on the identified alignments discovered during the research phase. The data contains Federal Geographic Data Committee metadata. Final feature classes will be corrected for topology and georeferenced and superimposed n aerial/satellite photogrammetric layers and/or US Geological Survey topographic layers.



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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> Tangerine Rd Corridor CWA 404 Permit Support Marana, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Town of Marana	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$99,466	e. TOTAL COST OF PROJECT \$99,466
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WestLand was contracted by the Town of Marana to provide ongoing Clean Water Act (CWA) Section 404 permitting support for the Tangerine Road Improvement Project (Project). The Project is comprised of the approximately 10-mile segment from Interstate-10, east to La Cañada Boulevard within Marana, unincorporated Pima County, and the Town of Oro Valley. The planned right-of-way width for the project is 350 feet in Marana, 175 feet either side of the existing centerline and 300 feet in Pima County and Oro Valley (the Project Area).

A preliminary jurisdictional determination (PJD) for the Project Area was accepted by the United States Army Corps of Engineers (Corps) on December 1, 2011 (Corps File No. SPL-2011-00011-JWL). Subsequent to that submittal, the project area was modified and additional areas totaling approximately 17 acres require completion of a PJD for Corps review. To include these additional areas, the Corps has requested an addendum to the previous submittal which was reviewed and signed by the Corps. This project includes preparing a Preliminary Jurisdictional Delineation Addendum and a CWA Section 404 Permit

Application, conducting a Section 404(b)(1) Alternatives Analysis, drafting a public notice, assisting with responses to public comments, preparing a Section 401 Certification Application and Draft Environmental Assessment, updating the Biological Report and conducting informal coordination with US Fish and Wildlife Service, cultural resource survey, development of an Historic Properties Treatment Plan, mitigation planning, and client and agency coordination.



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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)	b. YEAR COMPLETED	
Upper Chase Creek and Tailings Expansion Projects Morenci, AZ	PROFESSIONAL SERVICES ongoing	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Freeport-McMoRan Copper & Gold	\$1,065,200	\$1,065,200

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

WestLand is providing support for numerous activities at the Freeport McMoRan Morenci Inc. (FMMI) facility in Morenci, Arizona. Currently, WestLand is working on completing resource studies for 22,000 acres of mine property to support CWA Section 404 permitting and mine planning efforts. Our cultural resources staff has conducted cultural resource surveys and is preparing reports on the findings for FMMI. We have also conducted fieldwork and prepared a preliminary jurisdictional delineation for 22,000 acres of mine property. Our staff is completing a habitat restoration plan and preparing the permit application for an ADOT encroachment permit application for portions of the project that are within ADOT's ROW. We have also developed a GIS website to track all resource information for the mine, as well as information to support permitting efforts and land management data. Previously, WestLand provided Clean Water Act Section 404 permitting support for a mine expansion project at the active Morenci Mine in eastern Arizona. The existing Garfield Pit is sited within the Chase Creek canyon, and the creek was historically diverted around the pit to discharge downstream from the mine. The expansion project proposed extending the pit farther up the Chase Creek drainage and establishing leach stockpiles in Garfield Gulch, a tributary to Chase Creek. The proposed project included construction of a new dam, relocation of a state highway, and construction of a new diversion sump and pipeline. Development of the approved project plan and appropriate mitigation required close coordination with the Army Corps of Engineers, Bureau of Land Management, Forest Service, U.S. Fish and Wildlife Service, and Arizona Game and Fish Department. Given the extent of the project, an individual Section 404 permit was required. WestLand prepared the Individual Permit application, including a mitigation plan, 404(b)(1) analysis, and prepared a comprehensive environmental impact assessment report in conformance with NEPA practices.



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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.)

Since our establishment in 1997 in Tucson, WestLand Resources, Inc. has brought together a team of experts in environmental planning and permitting, cultural resources, civil engineering, land surveying, and landscape architecture. Over the last 17 years, we have achieved a current staff level of approximately 120 employees and have added offices in Phoenix and Flagstaff. We provide technical consulting services throughout the southwestern United States. Our staff's combined years of experience in a wide range of disciplines makes it possible for us to provide an integrated approach to a broad range of engineering and environmental projects in both the public and private sectors.

Environmental services offered by the firm include: natural resources planning and management; ecological resources survey and baseline studies; natural resources mitigation design and planning, compliance support and review under the National Environmental Policy Act (NEPA); Clean Water Act (CWA) permitting and compliance support services; Aquifer Protection Permitting support; National Historic Preservation Act Section 106 compliance support; Certificates of Environmental Compatibility, and Endangered Species Act compliance surveys and permitting; and development of Stormwater Pollution Prevention Plans under the National Pollutant Discharge Elimination System.

WestLand's team of archaeologists provides consulting services for cultural resource management; our specialists conduct archaeological surveys (Class I through III), cultural resource evaluations, monitoring, archaeological testing, and data recovery for a variety of clients throughout the Southwest. WestLand has the experienced staff, equipment, data management systems, and financial resources to complete any sized project awarded under this contract. WestLand's Cultural Resources Division presently employs 18 archaeologists, 15 of which work out of the Tucson Office. The staff includes a Division Director, three Principal Investigators, five Field Directors, a Laboratory Director, three crew chiefs, and five lab/field technicians. One of the Principal Investigators and one Field Director specialize in historic archaeology and archival research, one Principal Investigator is an expert in ceramic analysis and archeomagnetic dating, and another is a noted lithic analyst. The Cultural Resources Division is supported by a large GIS/CAD department, two technical editors, and an administrative staff of accountants who work with the Division Director to ensure that projects remain on budget

WestLand's Engineering Group was founded in 1997 to provide specialized services in water and wastewater engineering. Over the years, we have continued to expand our expertise and available services in the engineering industry, to include land development engineering and land surveying services. We have developed a talented staff of professional engineers, scientists, and designers for water, wastewater, process and related systems, as well as commercial, residential, and public improvement design and permitting. WestLand provides value to our clients through our depth of experience, respect among regulators and peers, and enthusiasm for the work.

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:	12%
b. Percentage of Total Work Attributable to Non-Government Work:	88%

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

Signature: Kara Festa Date: 12/21/2015
Name: Kara D. Festa, PE Title: Vice President