



Request for Qualifications
 Solicitation No.
ADSP018-00007887
 Description:
2018 Professional Services List

Arizona Department of
 Administration
State Procurement Office
 100 N 15th Ave., Suite 201
 Phoenix, AZ 85007

Attachment 1
Offer and Acceptance Form

SUBMISSION OF OFFER: Undersigned hereby offers and agrees to provide qualifications for **2018 Annual Professional Services List** in compliance with the Solicitation indicated above and our Offer indicated by the latest dated version below:

Initial Offer:	1.	1/22/18	RM	
	date		initial	

Western Technologies Inc.

Offeror company name			
3737 E. Broadway Road	Randolph Marwig, Vice President		
Address	Printed name and title		
Phoenix, AZ 85040	Randolph Marwig, Vice President		
City State ZIP	Contact name and title		
86-0346463	<u>Randy.m@wt-us.com</u>	602-437-3737	
Federal tax identifier (EIN or SSN)	Contact Email Address	Contact phone number	

CERTIFICATION: By signature in the above, Offeror certifies that it:

- will not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, [Arizona] State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465;
- 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 will result in rejection of the Offer. Signing the Offer with a false statement will void the Offer, any resulting contract, and may be subject to legal penalties under law;
- complies with A.R.S. § 41-3532 when offering electronics or information technology products, services, or maintenance; and
- is not debarred from, or otherwise prohibited from participating in any contract awarded by federal, state, or local government.

ACCEPTANCE OF OFFER: State hereby **accepts the initial Offer**, Revised Offer, or Best and Final Offer identified by number **ADSP018-00007887** at the top of this form, and which was dated 1/22/18 (the Accepted Offer). Offeror is now bound (as Contractor) to carry out the Work under the attached Contract, of which the Accepted Offer forms a part. Contractor is cautioned not to commence any billable work or to provide any material or perform any service under the Contract until Contractor receives the applicable Order or written notice to proceed from Procurement Officer.

State's Contract No. is: **ADSP018-00007887** The effective date of the Contract: 1/30/18-1/30/19 Contract awarded: 1/30/18

	Sean Wulfekuhle
Procurement Officer signature	Procurement Officer printed name

Contract qualification award can be viewed at <https://spo.az.gov/procurement-services/professional-services>



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Attachment 2-A
Experience and Capacity

STATE MAY DETERMINE YOUR SUBMITTAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

DEFINITIONS

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.

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

Parent Company. Identify controlling company name in this field if the Firm is owned or controlled by another company.

Structure: How a business is organized to accomplish its objectives (ie, Sole Proprietor, Limited Liability Company, Cooperative, Corporation, Partnership, S Corporation). [See chart below for example:](#)

Entity Type	Structure
Corporation	S Corporation or C Corporation, or Professional Corporation
Cooperative	Cooperative
Partnership	General Partnership, Limited Partnership, Limited Liability Partnership, Limited Liability Limited Partnership
Sole Proprietor	Sole Proprietor
Limited Liability Company	Limited Liability Company or Professional Limited Liability Company

1.0 Five (5) Example Projects

List no more than five (5) example projects which best illustrate firm’s qualification for this contract [in the chart provided below](#). Select projects where multiple team members worked together, if possible, that demonstrate the team’s capability to perform work similar to that required for this qualifications list contract. [\(NOTE: The integrity of the chart table columns shall remain unchanged, however the rows for each project may be expanded by the Offeror to accommodate the information\).](#)

- 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.



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Title and Location of Project	Design Completion Year	Construction Completion Year	Project Owner	Project Original Budget (or not to exceed amount)	Total Cost of the Project	Brief Description of Project
NAU Fire Life & Safety Improvements, Flagstaff, AZ	2016	2017	Northern Arizona University	\$271,941	\$27,000,000 (\$271,941 WT's portion)	Provided asbestos abatement consulting services in support of fire, life and safety improvements for four student dormitories located on the NAU campus. Services included asbestos abatement monitoring, air sampling, laboratory analysis, and attendance at stakeholder meetings. In addition, during construction, WT provided materials testing for soils, grout, portland cement concrete, and asphaltic concrete. Special Inspections (SI) were also performed for soils, adhesive anchors, reinforced concrete, footings, and welds.
Pinal County Proposed Manufacturing Facility, Pinal County, AZ	2016	0%, still in design phase	Pinal County	\$16,530	\$900,000,000 (\$16,530 WT's portion)	Provided geotechnical evaluation for proposed manufacturing facility (1.5M sq ft), and roadway analysis and design in the surrounding area.
U of A Health Sciences Innovation Building, Tucson, AZ	2016	2017	University of Arizona	\$8,250	\$32,000,000 (\$8,250 WT's portion)	Provided geotechnical, materials testing, nondestructive testing and Special Inspections (SI) for \$220,000 sf 7-story research facility for the University.
On-Call Soils and Materials Testing, Phoenix, AZ	2017	Ongoing	City of Phoenix	Approximately \$200,000 annually	Approximately \$200,000 annually	Continuing to provide materials testing services at Sky Harbor Airport for pavement and apron replacement for 20+ years.
City of Casa Grande Air Quality Evaluation, Casa Grande, AZ	2016	2017	City of Casa Grande	\$1,177	\$1,177	Provided air monitoring, testing and evaluation within Fire Station #503 after interviewing station personnel to identify possible causes of air nuisances. Made mitigation recommendations.



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Experience and Capacity

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2.0 EMPLOYEES BY DISCIPLINE

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

Enter requested information in the chart provided below:

- a. Select disciplines from the List of Disciplines. For employees that do not qualify for any of the disciplines, select "Other".
- 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. (NOTE: The Offeror may insert or delete rows in the existing Employees by Discipline chart table on page six (6) as necessary to complete the requirements for Question 2).



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a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees Firm	d. No. of Employees Branch
CADD Technician	P	3	3
Civil Engineer	P	17	5
Civil Engineer	S	3	1
Construction Inspector	P	117	41
Construction Inspector	S	15	28
Cost Engineer/Estimator	P	3	3
Environmental Engineer	P	6	4
Environmental Scientist	S	24	15
Geological Engineer	P	7	4
Geological Engineer	S	3	3
Geologist	P	7	4
Geologist	S	3	2
Project Manager	P	21	21
Project Manager	S	26	17
Soils Engineer	P	10	8
Soils Engineer	S	5	3
Technician /Analyst	O	2	1
Technician/Analyst	S	9	10
Other	P	54	43
Total		335	216

3.0 FIRMS EXPERIENCE AND REVENUE

- a. Firm shall complete the document titled "Project Experience Number of Projects and Revenue", using same document title and upload in .pdf format only as an "Attachment" with firm's offer in ProcureAZ.

PART 4 of the Solicitation Documents:
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	<p style="text-align: center;">Request for Qualifications Solicitation No. ADSP018-00007887 Description: 2018 Professional Services List</p>	<p style="text-align: center;">Arizona Department of Administration State Procurement Office 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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4.0 FIRMS SERVICES

- a. Firm shall complete the Excel spreadsheet titled **“2018 Professional Services List of Firms Services”** using same document title and uploaded in Excel format only as an “Attachment” with firm’s offer in ProcureAZ.



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5.0 EXPERIENCE REFERENCES:

THE PRIME FIRM SHALL LIST A TOTAL OF THREE (3) CLIENT REFERENCES FOR ANY PROJECTS COMPLETED IN THE LAST YEAR BY THE FIRM (OR A BRANCH LOCATION). REFERENCES MAY BE CONTACTED BY ANY ELIGIBLE AGENCY.

1	Client Company/Address	Contact	Begin Date	End Date
	Loven Contracting	Mike Loven	2016	2017
	Phone Number	Email Address		
	928-774-9040	mloven@lovencontracting.com		
	List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.). Little America Lodge Renovations, Flagstaff, AZ, \$34512 (budget), \$34,861 (actual)			
	Services performed similar to those described in Solicitation Asbestos abatement monitoring, air sampling, laboratory analysis, concrete strength testing, special inspections.			
2	Client Company/Address	Contact	Begin Date	End Date
	GLHN	Henry W. Johnstone, PE	2016	2017
	Phone Number	Email Address		
	602-881-4546	hjohnstone@glhn.com		
	List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.). U of A – Veterinary Sciences Building 90 and Steward Observatory, \$8,754 (original budget)/\$11,780 (final cost due to requested additional services)			
	Services performed similar to those described in Solicitation Industrial hygiene services in support of HVAC repair and replacement.			
3	Client Company/Address	Contact	Begin Date	End Date
	Pinal County	Scott Bender	2016	2017
	Phone Number	Email Address		
	520-866-6345	Scott.bender@pinalcountyyaz.gov		



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List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).

Geotechnical evaluation for proposed manufacturing facility, Pinal County, \$16,530 (geotechnical fee)/\$16,530 (amount invoiced)

Services performed similar to those described in Solicitation

Geotechnical evaluation with associated laboratory testing and analysis.

End of Attachment 2-A



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Attachment 2-B
Organization Profile

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

ORGANIZATION PROFILE

The firm shall complete a separate Organizational Profile document for each branch office.

Firm Name	Western Technologies Inc.		Year established	1955
Principal address (street, city, state)	3737 E. Broadway Road, Phoenix, AZ 85040			
Entity type:	Corporation	Structure:	C Corporation	
Branch or Division:	Division	Parent Company:	WTI, Inc.	
Years the organization has conducted business in Arizona.				62
Contract Representatives to Contact				
	Name	Title	Telephone Number	E-Mail Address
1.	Randolph Marwig	Vice President	602-437-3737	Randy.m@wt-us.com
2.	Todd Sayers	Managing Director	928-774-8700	Todd.s@wt-us.com
3.	Randall Harris	Managing Director	520-748-2262	R.harris@wt-us.com
Firm Professional Registration and Certifications (INCLUDE COPY OF DOCUMENT IN OFFER)				
	Description	Issuer	Number	Expiration
1.	Arizona Board of Technical Registration	State of Arizona	11078-0	10/31/18
2.	Arizona transaction privilege tax license or (if applicable) Arizona Corporate Commission Certificate of Good Standing	State of Arizona	07073039-L	

ATTACHMENT 2-B SUPPLEMENTS:

(For submission of additional Organizational Profile qualifications beyond the number of forms provided in the Offer Documents: Offeror shall copy the Organizational Profile form in its entirety and complete in a separate Document for submission with the offer or type "None" on first line if not applicable. Offeror shall title Supplement(s) with the same beginning title as named herein, number sequentially in accordance with the number of Organizational Profile forms submitting and upload with offer.)

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	Title	Document Date	No. of pages	Purpose in Offer
3.	None			

(NOTE: The Offeror may insert additional rows as required).

End of Attachment 2-B



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Attachment 3-B
Key Personnel Proposal

1	Name:	Randolph Marwig, PE	How long with company?	24 years
	Current position in company:	Managing Director	How long in position?	22 years
	Position for the Services:	Principal Contact, Senior Geotechnical Engineer, Senior Project Manager	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Managing and overseeing Phoenix office • Senior geotechnical engineering duties • Primary contact for this contract 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Marwig has over 30 years of experience providing geotechnical engineering and construction materials testing services throughout Arizona and the western United States. He has extensive experience in roadway design and improvements, bridge inspections, generating stations, water lines, commercial and residential developments, and educational facilities. Mr. Marwig has worked with numerous private and public agencies. He often serves as an expert witness and regularly provides forensic analysis for geotechnical issues. Mr. Marwig oversees and manages the Phoenix office of Western Technologies.</p>		
	List person's job-related training and education:	<p><u>Professional History</u> Vice President/Managing Director, Western Technologies Inc., Phoenix, AZ (1996-Present) Principal Engineer, Western Technologies Inc., Phoenix, AZ (1994-1996) Project Engineer, Hallenbeck and Associates, Emeryville, CA (1988-1994) Staff Engineer, Dames and Moore, Phoenix, AZ (1987-1988)</p> <p><u>Education/Training</u> MS, Civil Engineering, Arizona State University, Tempe, AZ, 1988 BS, Civil Engineering, Arizona State University, Tempe, AZ, 1985</p> <p><u>Registration/Certification</u> Professional Engineer, Civil – Arizona, California, Colorado, New Mexico</p>		
	Resume:	x		

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2	Name:	Stephen G. Collins, REPA	How long with company?	26 years
	Current position in company:	Director of Environmental Services	How long in position?	25 years
	Position for the Services:	Senior Environmental Engineer	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Directing staff on environmental projects • Managing department goals and quality control • Senior Environmental Engineering duties 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Collins is the Director of Environmental Services and has 31 years experience performing a wide variety of environmental services, 26 of those years have been with WT. Mr. Collins is a Principal of the firm and provides environmental expertise in due diligence work, site characterization, hazardous waste and product identification, environmental property evaluations, and asbestos inspections and management. Mr. Collins has provided these services to commercial, private, federal, state, county and municipal governments.</p>		
	List person's job-related training and education:	<p>Professional History Director of Environmental Services, Western Technologies Inc., Tucson, AZ (2000-Present) Senior Environmental Scientist, Western Technologies Inc., Tucson, AZ (1988-2000) Staff Environmental Scientist, Indian Point Nuclear Power Generating Station, Normandeu Associates, Inc., Verplanck, NY (1987-1988) Seasonal Firefighter and Law Enforcement Officer, United States Forest Service, Flagstaff, AZ (1985-1987)</p> <p>Education/Training BS, Wildlife and Fisheries Science, University of Arizona, 1985</p> <p>Registration/Certification AHERA Asbestos Building Inspector AHERA Asbestos Management Planner Registered Environmental Property Assessor EPA Certified Lead-Based Paint Risk Assessor Building Owners and Managers Association</p>		
	Resume:	x		

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3	Name:	Randall D. Harris, PE	How long with company?	18 years
	Current position in company:	Managing Director Senior Geotechnical Engineer	How long in position?	18 years
	Position for the Services:	Senior Geotechnical Engineer	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Managing and overseeing Tucson office • Senior Geotechnical Engineering duties 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Harris has experience since 1988 in geotechnical engineering and construction materials testing and possesses broad knowledge of subsurface investigation, analysis procedures and materials testing. He has conducted geotechnical investigations for infrastructure projects such as highways, bridges, airports and pipelines, as well as subdivisions, commercial structures and industrial facilities. Mr. Harris is experienced in deep and shallow foundation design and has provided structural pavement section designs in both asphalt concrete and Portland cement concrete for runways, taxiways and a variety of roadways from local collectors to major arterials. He is experience in designs using ADOT, AASHTO, FAA and US Air Force criteria.</p>		
	List person's job-related training and education:	<p><u>Professional History</u> Managing Director and Senior geotechnical engineer, Western Technologies Inc., Tucson, AZ (2000-Present) Project Manager, Kleinfelder Inc., Sacramento, CA (1999-2000)' Area Manager, Tucson, AZ (1996-1999); Project Manager, Phoenix, AZ 91995-1996); Project Manager, Sacramento, CA (1988-1995)</p> <p><u>Education/Training</u> BS, Civil Engineering, University of Arizona, Tucson, 1988</p> <p><u>Registration/Certification</u> PE, Civil Engineering – Arizona, California GE, Geotechnical Engineering – California</p>		
	Resume:	X		



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4	Name:	Bryan Castles, PE	How long with company?	22 years
	Current position in company:	Senior Materials Engineer	How long in position?	22 years
	Position for the Services:	Lead Materials Engineer Project Manager	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Project Management and Administration of large public contracts • Senior Quality Control Manager • Materials Department Manager 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Castles has experience since 1983 providing geotechnical engineering, construction materials testing and inspection services, and construction quality control methods and procedures. He has extensive management and administrative skills and is familiar with DOT, U.S. Army Corps of Engineers, and FAA Quality Control specifications and requirements. Mr. Castles has utilized his technical expertise and management skills to provide materials pavement quality control (QC) and design engineering for large public highways and airports. Currently, he serves as the lead engineer for concrete apron rehabilitation for concrete affected by alkali silica reaction at Sky Harbor International Airport. He has experience in all aspects of aggregate production, concrete batching, and concrete paving as well as construction cost accounting and project management.</p>		
	List person's job-related training and education:	<p>Professional History Project Engineer, Western Technologies Inc., Phoenix, AZ (1998-Present) Project Engineer, Western Technologies Inc., Las Vegas, NV (1996-1998) Project Paving Engineer, Ball, Ball and Brosamer, AZ, CO, UT (1993-1996) Quality Control Manager, Professional Service Industries, Denver, CO (1992-1993) Staff Engineer, Professional Service Industries, Various States (1983-1992)</p> <p>Education/Training BS/ Civil Engineering, University of Illinois, 1983</p> <p>Registration/Certification Professional Engineer, Civil – Arizona, Colorado, Nevada</p>		
	Resume:	x		

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5	Name:	Stephen Smelser, RG	How long with company?	9 years
	Current position in company:	Director of Environmental Services	How long in position?	9 years
	Position for the Services:	Senior Geologist	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Directing staff on Environmental projects • Managing department goals and quality control • Senior Geologist duties 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Smelser is a registered geologist with more than 30 years of experience on a wide variety of environmental, geotechnical and geologic projects. His experience on environmental projects includes the performance and management of numerous Phase I and II environmental site assessments (ESAs); underground storage tank (UST) investigations; asbestos assessments; test drilling; soil sampling and logging; installation of groundwater monitoring wells; groundwater sampling, soil vapor extraction well installations; soil vapor sampling; and the installation of soil vapor wells, air sparge wells and groundwater water wells for investigation and remediation of soil and groundwater.</p>		
	List person's job-related training and education:	<p><u>Professional History</u> Principal/Director of Environmental Services, Western Technologies Inc., Phoenix, AZ (2009-Present) Principal, Geotechnical and Environmental Consultants, Inc., Phoenix, AZ (1997-2009) Project Manager, Terranext, Phoenix, AZ (1993-1997) Project Geologist, Kleinfelder, Inc., Phoenix, AZ (1990-1993) Staff Geologist, Speedie and Associates, Phoenix, AZ (1984-1990)</p> <p><u>Education/Training</u> BS, Geology, Arizona State University, 1984</p> <p><u>Registration/Certification</u> Registered Geologist, Arizona, 1992 Registered Geologist, California, 1993 Certified Environmental Manager, Nevada, 1993</p>		
	Resume:	x		



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6	Name:	John Hahle, SET	How long with company?	46 years
	Current position in company:	Vice President, Director of Materials Testing, Northern Arizona Unit	How long in position?	38 years
	Position for the Services:	Materials Director	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Materials Director • Materials Supervisor for all of Northern Arizona. 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Hahle has 48 years in construction materials testing and special inspection services. He acts as Director of Materials Inspection and Testing which includes observation and testing of earthwork, concrete, paving, and construction materials in the field and in the lab. He has experience supervising and performing Special Inspection (SI) of earthwork, structural concrete, post-tensioned concrete, structural masonry, structural steel, welding, bolting, expansion/epoxy anchor installations, and fire-proofing. Mr. Hahle directs a staff of engineers, geologists, technicians, and support personnel.</p>		
	List person's job-related training and education:	<p><u>Professional History</u> Materials Director/Vice President/Principal, Western Technologies Inc., Flagstaff, AZ (1980-Present) Project Manager/Special Inspector, Western Technologies Inc., Flagstaff, AZ (1974-1980) Materials Technician/Special Inspector, Western Technologies Inc., Phoenix, AZ (1972-1974) Materials Technician, Western Technologies Inc., Yuma, AZ (1970-1972)</p> <p><u>Education/Training</u> BS, Civil Engineering</p> <p><u>Registration/Certification</u> ICC Certified Special Inspector in multiple disciplines NICET certified in multiple disciplines</p>		
	Resume:	x		



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7	Name:	Todd Sayers	How long with company?	22 years
	Current position in company:	Managing Director, Senior Environmental Engineer	How long in position?	3 years
	Position for the Services:	Senior Environmental Engineer	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	<ul style="list-style-type: none"> • Managing and overseeing Flagstaff office • Senior Environmental Engineering duties 		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Sayers' professional experience covers 22 years in environmental, industrial hygiene, indoor air quality, and building sciences disciplines. His responsibilities have included project management, technical review, client development, personnel training, data interpretation, and project planning. His building sciences experience includes asbestos inspections, operations and maintenance planning, abatement oversight and air monitoring; lead paint inspections and risk assessments, indoor air quality and microbial surveys. Mr. Sayers' environmental experience also includes Phase I and Phase II ESAs, site investigations, the removal and characterization of underground storage tanks, and remedial action.</p>		
	List person's job-related training and education:	<p><u>Professional History</u> Managing Director, Western Technologies Inc., Flagstaff, AZ (2015-Present) Director of Environmental Services, Western Technologies Inc., Flagstaff, AZ (2004-Present) Environmental Scientist, Western Technologies Inc., Flagstaff, AZ (1996-2004) Staff Engineer/Geologist, Envirotech Services, Inc., Enid, OK (1995-1996)</p> <p><u>Education/Training</u> BS, Geology, University of Kansas, 1995</p> <p><u>Registration/Certification</u> EPA Approved Asbestos Inspector, Management Planner, Contractor Supervisor Radiation Safety, Monitoring, Device Operation of Niton XRF Analyzers, Niton Corporation NIOSH Method 582 Certified Microscopist Surface and Groundwater Sampling, ADHS</p>		
	Resume:	x		

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 100 N 15th Ave., Suite 201
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ATTACHMENT 3-B SUPPLEMENTS:

(For submission of additional Key Personnel qualifications beyond the number of forms provided in the Offer Documents: Offeror shall copy the Key Personnel Form in its entirety and complete in a separate Word Document for submission with the offer, and list file name below or type "None" on first line if not applicable. Offeror shall title Supplement(s) with the same title as named herein and upload with offer.)

	Title	Document Date	No. of pages	Purpose in Offer
1.	None			

(NOTE: The Offeror may insert additional rows as required).

End of Attachment 3-B



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Attachment 3-E
Israel Boycott Form

All materials submitted as part of a response to a solicitation are subject to Arizona public records law and will be disclosed if there is an appropriate public records request at the time of or after the award of the contract. Recently legislation has been enacted to prohibit the state from contracting with companies currently engaged in a boycott of Israel. To ensure compliance with A.R.S. §35-393.01. This form must be completed and returned with the response to the solicitation and any supporting information to assist the State in making its determination of compliance.

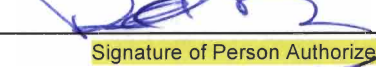
As defined by A.R.S. §35-393.01:

1. "Boycott" means engaging in a refusal to deal, terminating business activities or performing other actions that are intended to limit commercial relations with Israel or with persons or entities doing business in Israel or in territories controlled by Israel, if those actions are taken either:
 - (a) In compliance with or adherence to calls for a boycott of Israel other than those boycotts to which 50 United States Code section 4607(c) applies.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, and includes a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate.
3. "Direct holdings" means all publicly traded securities of a company that are held directly by the state treasurer or a retirement system in an actively managed account or fund in which the retirement system owns all shares or interests.
4. "Indirect holdings" means all securities of a company that are held in an account or fund, including a mutual fund, that is managed by one or more persons who are not employed by the state treasurer or a retirement system, if the state treasurer or retirement system owns shares or interests either:
 - (a) together with other investors that are not subject to this section.
 - (b) that are held in an index fund.
5. "Public entity" means this State, a political subdivision of this STATE or an agency, board, commission or department of this state or a political subdivision of this state.
6. "Public fund" means the state treasurer or a retirement system.
7. "Restricted companies" means companies that boycott Israel.
8. "Retirement system" means a retirement plan or system that is established by or pursuant to title 38.

All offerors must select one of the following:

- My company **does not** participate in, and agrees not to participate in during the term of the contract a boycott of Israel in accordance with A.R.S. §35-393.01. I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
- My company **does** participate in a boycott of Israel as defined by A.R.S. §35-393.01. :

By submitting this response, proposer agrees to indemnify and hold the State, its agents and employees, harmless from any claims or causes of action relating to the State's action based upon reliance on the above representations, including the payment of all costs and attorney fees incurred by the State in defending such an action.

<u>Western Technologies Inc.</u> Western Technologies Inc. Company Name		 Signature of Person Authorized to Sign
<u>3737 E. Broadway Road</u> <u>3737 E. Broadway Road</u> Address		<u>Randolph Marwig</u> Randolph Marwig Printed Name
<u>Phoenix</u> Phoenix City	<u>AZ</u> AZ State	<u>85040</u> 85040 Zip
		<u>Vice President</u> Vice President Title

End of Attachment 3-E

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Attachment 5-A
Confidential Information Designation

All materials submitted as part of a response to a solicitation are subject to Arizona public records law and will be disclosed if there is an appropriate public records request at the time of or after the award of the contract. Recognizing there may be materials included in a solicitation response that are proprietary or a trade secret, a process is set out in A.A.C. R2-7-103 (copy attached) that will allow qualifying materials to be designated as confidential and excluded from disclosure. For purposes of this process the definition of "trade secret" will be the same as that set out in A.A.C. R2-7-101(52).

Complete this form return it with your Offer along with the appropriate supporting information to assist State in making its determination as to whether any of the materials submitted as part of your Offer should be designated confidential because the material is proprietary or a trade secret and therefore not subject to disclosure.

STATE WILL NOT CONSIDER ANY MATERIAL IN YOUR OFFER "CONFIDENTIAL" UNLESS DESIGNATED ON THIS FORM.

Check one of the following – if neither is checked, State will assume that as equivalent to "DOES NOT":

<input checked="" type="radio"/>	This response DOES NOT contain proprietary or trade secret information. I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
<input type="checkbox"/>	This response DOES contain trade secret information because it contains information that: <ol style="list-style-type: none"> 1. Is a formula, pattern, compilation, program, device, method, technique or process, AND 2. Derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; AND 3. Is the subject of efforts by myself or my organization that are reasonable under the circumstances to maintain its secrecy.


NOTE: Failure to attach an explanation may result in a determination that the information does not meet the statutory trade secret definition. All information that does not meet the definition of trade secret as defined by A.A.C. R2-7-101(52) will become public in accordance with A.A.C. R2-7-C317. State may make its own determination on materials in accordance with A.A.C. R2-7-103.

If State agrees with Offeror's designation of trade secret or confidentiality and the determination is challenged, the undersigned hereby agrees to cooperate and support the defense of the determination with all interested parties, including legal counsel or other necessary assistance.

By submitting this response, Offeror agrees that the entire Offer, including confidential, trade secret and proprietary information may be shared with an evaluation committee and technical advisors during the evaluation process. Offeror agrees to indemnify and hold State, its agents and employees, harmless from any claims or causes of action relating to State's withholding of information based upon reliance on the above representations, including the payment of all costs and attorney fees incurred by State in defending such an action.

Western Technologies Inc.

Offeror Company Name
 3737 E. Broadway Road
 Address


 Signature of Authorized Person
 Randolph Marwig
 Printed Name

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State Procurement Office
 100 N 15th Ave., Suite 201
 Phoenix, AZ 85007

Phoenix Arizona 85040

Vice President

City State Zip

Title

ATTACHMENT 5-A SUPPLEMENTS:

(Offeror to insert as required and list here or type "None" on first line. Offeror shall title any Supplement(s) with the same title as named herein and upload with offer.)

	Title	Document Date	No. of pages	Purpose in Offer
1.	None			

End of Attachment 5-A



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*Copy of A.A.C. R2-7-103 [Confidential Information]
as was current at time of Solicitation issuance*

PROVIDED FOR REFERENCE ONLY

- A. *If a person wants to assert that a person's offer, specification, or protest contains a trade secret or other proprietary information, a person shall include with the submission a statement supporting this assertion. A person shall clearly designate any trade secret and other proprietary information, using the term "confidential". Contract terms and conditions, pricing, and information generally available to the public are not considered confidential information under this Section.*
- B. *Until a final determination is made under subsection (C), an agency chief procurement officer shall not disclose information designated as confidential under subsection (A) except to those individuals deemed by an agency chief procurement officer to have a legitimate state interest.*
- C. *Upon receipt of a submission, an agency chief procurement officer shall make one of the following written determinations:*
- 1. The designated information is confidential and the agency chief procurement officer shall not disclose the information except to those individuals deemed by the agency chief procurement officer to have a legitimate state interest;*
 - 2. The designated information is not confidential; or*
 - 3. Additional information is required before a final confidentiality determination can be made.*
- D. *If an agency chief procurement officer determines that information submitted is not confidential, a person who made the submission shall be notified in writing. The notice shall include a time period for requesting a review of the determination by the state procurement administrator.*
- E. *An agency chief procurement officer may release information designated as confidential under subsection (A) if:*
- 1. A request for review is not received by the state procurement administrator within the time period specified in the notice; or*
 - 2. The state procurement administrator, after review, makes a written determination that the designated information is not confidential.*



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Attachment 5-B
Conformance Statements

STATE WILL NOT CONSIDER ANY EXCEPTIONS UNLESS DESIGNATED ON THIS FORM.

READ THE INSTRUCTIONS TO OFFERORS BEFORE TAKING ANY EXCEPTIONS – TAKING EXCEPTIONS CAN BE
 GROUNDS FOR STATE REJECTING YOUR OFFER IN EVALUATION.

CONFORMANCE TO THE INSTRUCTIONS:
 (PART 1 OF THE SOLICITATION)

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Solicitation Summary in Section 1-A of the Solicitation Documents and the Instructions to Offerors in Section 1-B of the Solicitation Documents and the and attests that its Offer complies with both.
- NO – Offeror acknowledges that it has read and understands the Solicitation Summary in Section 1-A of the Solicitation Documents and the Instructions to Offerors in Section 1-B of the Solicitation Documents, and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 1**.

CONFORMANCE TO THE CONTRACT TERMS AND CONDITIONS:
 (PART 2 OF THE SOLICITATION)

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Special Terms and Conditions and the Uniform Terms and Conditions, along with their respective Exhibits and Appendices, in Part 2 of the Solicitation Documents and attests that its Offer complies with both.
- NO – Offeror acknowledges that it has read and understands the Special Terms and Conditions and the Uniform Terms and Conditions, along with their respective Exhibits and Appendices in Part 2 of the Solicitation Documents and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 2**.

CONFORMANCE TO THE TECHNICAL DOCUMENTS:
 (PART 3 OF THE SOLICITATION)

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Requirements Document and the Compensation Document in Part 3 of the Solicitation Documents and attests that its Offer complies with both.

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NO – Offeror acknowledges that it has read and understands the [Requirements Document and the Compensation Document](#), in Part 3 of the Solicitation Documents and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 3**.

**ATTACHMENT 5-B Supplement No. 1:
 Exceptions to Instructions**

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 1-A: Solicitation Summary		
	None	
Section 1-B: Instructions to Offerors		
	None	

**ATTACHMENT 5-B Supplement No. 2:
 Exceptions to Contract Terms & Conditions**

Article/ Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-A: Special Terms & Conditions		
	None	



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Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-B: Uniform Terms & Conditions		
	None	

**ATTACHMENT 5-B Supplement No. 3:
 Exceptions to Technical and Commercial**

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-A Scope of Work (Requirements Document)		
	None	
Section 2-B: Compensation Document		
	None	

Western Technologies Inc.

Company Name

Signature of Person Authorized to Sign

End of Attachment 5-B



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**Attachment 5-D
Offer Checklist**

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT SUBMIT ALL ATTACHMENTS.

	DOCUMENT	SUBMITTED
1.	Attachment 1: Offer and Acceptance Form - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
2.	Attachment 2-A: Experience and Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
3.	Attachment 2-A: References	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
4.	Attachment 2-B: Organization Profile	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
5.	Attachment 3-A: Method Proposal – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
6.	Attachment 3-B: Key Personnel Proposal	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
7.	Attachment 3-C: Proposed Subcontractors – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
8.	Attachment 3-D: Performance Guarantee – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
9.	Attachment 3-E: Israel Boycott Form - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
10.	Attachment 4: Pricing Sheet – RESERVED FOR AWARD	<input type="checkbox"/> YES, <input checked="" type="checkbox"/> no
11.	Attachment 5-A: Confidential Information Designation - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
12.	Attachment 5-B: Conformance Statements - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
13.	Attachment 5-C: Insurance Evidence – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
14.	Attachment 5-D: Offer Checklist	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
15.	.pdf File: Number of Projects and Revenue	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
16.	Excel File: 2018 Professional Services List of Firms Services	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no

End of Attachment 5-D

End of Part 4

PART 4 of the Solicitation Documents:
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ADSP018-00007887 Project Experience N
 ADSP018-00007887 2018 Professional Services Qualifications List ([save docu](#)

FIRMS NAME: WESTERN TE

TYPE OF PROJECT	TOTAL NUMBER OF FIRM PROJECTS (ALL FIRM LOCATIONS) COMPLETED IN LAST THREE YEARS	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY state, municipal, federal etc. government projects only	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY non- government projects only
Acoustics, Noise Abatement	12	3	
Activity Centers	3	2	
Aerial Photography; Airborne Data and Imagery Collection and Analysis			
Agricultural Development; Grain Storage; Farm Mechanization			
Air Pollution Control			
Airports; Nav aids; Airport Lighting; Aircraft Fueling			
Airports; Terminals and Hangars; Freight Handling	6	4	
Animal Facilities	3		3
Anti-Terrorism/Force Protection			
Area Master Planning			
Auditoriums and Theaters			
Automation; Controls; Instrumentation			
Barracks; Dormitories			
Bridge Design: Bridges			
Cartography			
Cemeteries (<i>Planning and Relocation</i>)			
Chemical Processing and Storage			
Child Care/Development Facilities	4		2
Codes; Standards; Ordinances			
Cold Storage; Refrigeration and Fast Freeze			
Commercial Building (<i>Low Rise</i>); Shopping Centers	8		2

Communications Systems; TV; Microwave			
Community Facilities			
Computer Facilities			
Conservation and Resource Management			
Construction Management			
Construction Materials Testing	1500	4	5
Construction Surveying			
Controls and Electronics Engineer			
Corrosion Control; Cathodic Protection Electrolysis			
Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting			
Cryogenic Facilities			
Dams (<i>Concrete; Arch</i>)			
Dams (<i>Earth; Rock</i>); Dikes; Levees			
Desalinization (<i>Process and Facilities</i>)			
Design & Planning Structured Parking Facilities			
Design-Build - Preparation of Requests for Proposals			
Detention Security Systems			
Digital Elevation and Terrain Model Development			
Digital Orthophotography			
Dining Halls; Clubs; Restaurants	15		2
Disability / Special Needs			
Dredging Studies and Design			
Ecological and Archeological Investigations			
Educational Facilities; Classrooms	20	3	
Electrical Studies and Design			
Electronics			
Elevators; Escalators; People-Movers			
Energy / Water Auditing Savings			
Energy Conservation; New Energy Sources			
Environmental Impact Studies, Assessments or Statements	1500	1	3
Fallout Shelters; Blast-Resistant Design			
Fire Protection			
Fisheries; Fish Ladders			
Forensic Engineering	50		1
Garages; Vehicles Maintenance Facilities; Parking	5		1
Gas Systems (<i>Propane; Natural, Etc.</i>)			
Geodetic Surveying: Ground and Airborne			
Heating; Ventilating; Air Conditioning			

Highways; Streets; Airfield Paving; Parking Lots	25	4	
Historical Preservation			
Hospital and Medical Facilities	20		4
Hotels; Motels	15		4
<i>Housing (Residential, Multi-Family; Apartments; Condominiums)</i>	15		6
Hydraulics and Pneumatics			
Hydrographic Surveying			
Industrial Buildings; Manufacturing Plants	10		5
Industrial Processes; Quality Control			
Industrial Waste Treatment			
Intelligent Transportation Systems			
Infrastructure			
Irrigation; Drainage			
Judicial and Courtroom Facilities			
Laboratories; Medical Research Facilities			
Labs - General			
Labs – Research – Dry			
Labs – Research – Wet			

umber of Projects and Revenue

ment as a .pdf and submit as an attachment with offer submission).

CHNOLOGIES INC.

TYPE OF PROJECT	TOTAL NUMBER OF FIRM PROJECTS (ALL FIRM LOCATIONS) COMPLETED IN LAST THREE YEARS	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY state, municipal, federal etc. government projects only	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY non-government projects only
Land Surveying			
Landscape Architecture			
LEED Accredited A/E			
LEED Independent 3rd Party Building Commissioning			
Libraries; Museums; Galleries	3	1	
Lighting (<i>Exteriors; Streets; Memorials; Athletic Fields, Etc.</i>)			
Lighting (<i>Interior; Display; Theater, Etc.</i>)			
Lighting (<i>Cave; Cavern</i>)			
Mapping Location/Addressing Systems			
Materials Handling Systems; Conveyors; Sorters			
Materials Testing	1500	3	4
Measurement / Verification / Conservation Water Consumption			
Medical Related			
Metallurgy			
Mining and Mineralogy			
Modular Systems Design; Pre-Fabricated Structures or Components			
Mold Investigation	150	1	2
Museums			
Nuclear Facilities; Nuclear Shielding	6	1	
Office Buildings; Industrial Parks	15		3
Outdoor Recreation			

Petroleum and Fuel (<i>Storage and Distribution</i>)			
Phase I Environmental			
Photogrammetry			
Pipelines (<i>Cross-Country - Liquid and Gas</i>)			
Plumbing and Piping Design			
Pneumatic Structures, Air-Support Buildings			
Power Generation, Transmission, Distribution			
Prisons and Correctional Facilities			
Product, Machine Equipment Design			
Public Safety Facilities			
Radar; Sonar; Radio and Radar Telescopes			
Radio Frequency Systems and Shieldings			
Railroad; Rapid Transit			
Recreation Facilities (<i>Parks, Marinas, Etc.</i>)	10	1	
Refrigeration Plants/Systems			
Rehabilitation (<i>Buildings; Structures; Facilities</i>)			
Research Facilities			
Resources Recovery; Recycling			
Rivers; Canals; Waterways; Flood Control	10	1	1
Roof Infrared Imaging to Identify Water Leaks			
Roofing			
Safety Engineering; Accident Studies; OSHA Studies			
Security Systems; Intruder and Smoke Detection			
Seismic Designs and Studies	3		
Sewage Collection, Treatment and Disposal	30		1
Soils and Geologic Studies; Foundations	1000	1	5
Solar Energy Utilization			
Solid Wastes; Incineration; Landfill			
Special Environments; Clean Rooms, Etc.			
Specifications Writing			
Storm Water Handling and Facilities			
Structural Design; Special Structures			
Surveying; Platting; Mapping; Flood Plain Studies			
Sustainable Design			
Swimming Pools			
Testing and Inspection Services			
Topographic Surveying and Mapping			
Towers (Self-Supporting and Guyed Systems)			

Toxicology			
Traffic and Transportation Engineering			
Traffic Studies			
Transportation			
Tunnels and Subways			
Urban Renewals; Community Development			
Utilities (Gas and Steam)			
Value Analysis; Life-Cycle Costing			
Warehouse and Depots			
Waste Water Treatment Facility			
Water Resources; Hydrology; Ground Water			
Water Supply; Treatment and Distribution			
Water Well Rehabilitation; Water Well Work			
Wind Tunnels; Research/Testing Facilities Design			
Zoning; Land Use Studies			

Professional Services**Revenue****Index Number**

1. Less than \$100,000
2. \$100,000 to less than \$250,000
3. \$250,000 to less than \$500,00
4. \$500,000 to less than \$1 Million
5. \$1 Million to less than \$2 Million
6. \$2 Million to less than \$5 Million
7. \$5 Million to less than \$10 Million
8. \$10 Million to less than \$25 Million
9. \$25 Million to less than \$50 Million
10. \$50 Million or greater

SAM Search Results
List of records matching your search for :

Search Term : western* technologies* inc*
Record Status: Active

ENTITY [REDACTED] WESTERN TECHNOLOGIES, INC	Status:Active
DUNS: 094520327 +4:	CAGE Code: 6V268 DoDAAC:
Expiration Date: Oct 16, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No	
Address: 3737 E BROADWAY RD City: PHOENIX State/Province: ARIZONA ZIP Code: 85040-2921 Country: UNITED STATES	
ENTITY [REDACTED] Western Water Technologies, Inc.	Status:Active
DUNS: 174174581 +4:	CAGE Code: 1BYH3 DoDAAC:
Expiration Date: Mar 15, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No	
Address: 7615 N 75th Ave Ste 102 City: Glendale State/Province: ARIZONA ZIP Code: 85303-1620 Country: UNITED STATES	



Arizona State Board of Technical Registration

Firm Search Results

Name	City	State	Services/Discipline	Business Type	Registration Status
Western Technologies, Inc.	Phoenix	AZ	Geology, Civil, Environmental	Firm Registration	Active

Display Result:



Arizona State Board of Technical Registration

[STATEWIDE POLICIES](#) [AGENCY POLICIES](#) [SITEMAP](#) [FACEBOOK](#)