



Offer and Acceptance

State of Arizona
State Procurement Office

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

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

PAGE
1

Offeror: Atwell, LLC

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.

Atwell, LLC

Company Name

4700 E. Southern Avenue

Address

Mesa

AZ

85206

City

State

Zip

tnorthrop@atwell-group.com

Contact Email Address

Signature of Person Authorized to Sign Offer

Ted Northrop Jr, PE

Printed Name

Vice President

Title

Phone: (480) 218-8831

Fax: (480) 830-4888

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 2, 2016

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

State of Arizona
Awarded this 26 day of February 2016

Procurement Officer



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
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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:	Atwell, LLC
b. FIRM (OR BRANCH OFFICE) STREET:	4700 E. Southern Avenue
c. FIRM (OR BRANCH OFFICE) CITY:	Mesa
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85206
f. YEAR ESTABLISHED:	2009
(g1). OWNERSHIP - TYPE:	Limited Liability Company
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Ted Northrop, PE Regional Vice President
i. POINT OF CONTACT TELEPHONE NUMBER:	(480) 218-8831
j. POINT OF CONTACT E-MAIL ADDRESS:	tnorthrop@atwell-group.com
k. NAME OF FIRM (If block 1a is a branch office):	Atwell, LLC



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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
Archeologist	S	1	
Biologist	S	12	
CADD Technician	P	18	3
Civil Engineer	P	58	14
Construction Manager	P	3	1
Construction Inspector	P	1	0
Control Systems Engineer	S	3	0
Cost Engineer/Estimator	S	12	4
Ecologist	P	16	1
Electrical Engineer	P	17	1
Environmental Engineer	S	24	7
Environmental Scientist	S	24	7
Geodetic Surveyor	S	1	0
Geographic Information Systems Specialist	P	2	0
Geological Engineer	S	15	4
Geologist	P	15	4
Hydrographic Surveyor	S	1	0
Hydraulic Engineer	S	1	0
Hydrologist	S	5	1
Landscape Architect	S	1	0
Mining Engineer	S	3	3
Petroleum Engineer	P	7	0
Project Manager	P	35	2
Sanitary Engineer	S	6	0
Structural Engineer	P	3	0
Technician/Analyst	S	8	0
Transportation Engineer	S	1	0



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Water Resources Engineer	S	3	0
Total		296	52



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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)
	Aerial Photography; Airborne Data and Imagery	2
	Air Pollution Control	1
	Airports; Terminals and Hangars; Freight Handling	3
	Area Master Planning	6
	Automation; Controls; Instrumentation	1
	Chemical Processing & Storage	2
	Commercial Building (low rise); Shopping Centers	6
	Community Facilities	1
	Communications Systems; TV; Microwave	1
	Construction Management	3
	Construction Surveying	5
	Controls and Electronics Engineer	1
	Corrosion Control; Cathodic Protection; Electrolysis	1
	Cost Estimating; Cost Engineering and Analysis	3
	Design & Planning Structured Parking Facilities	1
	Design-Build – Preparation of Requests for Proposals	6
	Digital Elevation and Terrain Model Development	1
	Digital Orthophotography	1
	Dining Halls; Clubs; Restaurants	1
	Disability/Special Needs	2
	Dredging Studies and Design	1
	Ecological & Archaeological Investigations	6
	Educational Facilities; Classrooms	1
	Electrical Studies and Design	1
	Energy Conservation; New Energy Sources	2
	Environmental Impact Studies, Assessments	6

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	Forensic Engineering	1
	Garages; Vehicles Maintenance Facilities; Parking	1
	Geodetic Surveying; Ground and Airborne	1
	Highways; Streets; Airfield Paving; Parking Lots	5
	Historical Preservation	1
	Hospitals & Medical Facilities	3
	Hotels; Motels	1
	Housing (Residential, Multi-Family; Apartments)	7
	Hydraulics & Pneumatics	2
	Hydrographic Surveying	1
	Industrial Buildings; Manufacturing Plants	4
	Industrial Waste Treatment	1
	Infrastructure	6
	Irrigation; Drainage	5
	Land Surveying	7
	Landscape Architecture	2
	LEED Accredited A/E	1
	Libraries; Museums; Galleries	1
	Materials Handling Systems; Conveyors; Sorters	5
	Mining & Mineralogy	6
	Mold Investigation	1
	Office Buildings; Industrial Parks	5
	Outdoor Recreation	2
	Petroleum and Fuel (Storage and Distribution)	3
	Phase I Environmental	5
	Photogrammetry	1
	Pipelines (Cross-Country – Liquid & Gas)	6
	Plumbing & Piping Design	1
	Power Generation, Transmission, Distribution	5



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	Public Safety Facilities	1
	Recreation Facilities (Parks, Marinas, Etc.)	1
	Rivers; Canals; Waterways; Flood Control	1
	Sewage Collection, Treatment and Disposal	5
	Soils & Geologic Studies; Foundations	4
	Solar Energy Utilization	1
	Solid Wastes; Incineration; Landfill	1

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 Ed Balliet, RLS, CFedS	b. ROLE IN THIS CONTRACT Survey Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 1.5
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Land Surveyor - Arizona #31587	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Certified Federal Surveyor #1442			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Rancho Mercado - Surprise, Arizona	X	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently conducting topographic mapping, ALTA surveys, and subdivision platting for this master planned community. Services also included providing legal descriptions and exhibits for right of way and easement aquisition.	X	Check if project performed with current firm
2.	Church Farms - Queen Creek, Arizona	X	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Assisting in platting of this 2,310-lot Master Plan Community on 878 acres. Services included providing legal descriptions and exhibits for right of way and easement aquisition.	X	Check if project performed with current firm
3.	Camp Sombrero - Phoenix, Arizona	X	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently conducting a construction survey for this leadership center.	X	Check if project performed with current firm
4.	Farrell Road - Maricopa, Arizona	X	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Performing construction survey services for said roadway and streetscape.	X	Check if project performed with current firm
5.	Pinnacle Peak Drainage Structures - Scottsdale, Arizona	X	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Conducting topo survey for inventory of drainage structures with Pinnacle Peak Flood Plain.	X	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 Richard Petrus, CEM	b. ROLE IN THIS CONTRACT Senior Environmental Manager	c. YEARS EXPERIENCE	
		1. TOTAL 38	2. WITH CURRENT FIRM 6
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Master of Arts, Geology - University of Missouri		f. PROFESSIONAL TRAINING - REGISTRATIONS Certified Environmental Manager - Nevada CEM-15636	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> West Sky Harbor Airport Biosparging Project - Phoenix, AZ	(2) YEAR COMPLETED 2015
		Professional Services X Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Developed the monitoring requirements, action levels, and response actions. Responsible for all permitting tasks for this LUST remediation project. Project involved remediation of a 1.3 million gallon Jet A fuel release.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT Bylas UST Removal	(2) YEAR COMPLETED 2015
		Professional Services X Construction (if applicable) X
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr Petrus managed the removal of an orphan underground storage tank on ADOT right-of-way. Atwell removed the tanks and associated piping, collected soil samples to confirm there was no release and prepared the site closure report.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> ADOT 202 Loop Phase I Site Assessment	(2) YEAR COMPLETED 2015
		Professional Services X Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Petrus managed the conduct to 13 Phase I Environmental Site Assessments for ADOT. The ESAs were along the 59th Avenue alignment. Properties included farmland, electric substations and gravel quarries. Atwell developed recommendations for the Recognized Environmental Concerns found during the conduct of the ESAs.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> ADEQ Willcox LUST Site Remediation	(2) YEAR COMPLETED
		Professional Services X Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mr. Petrus is currently managing the Clayton Radiator site remediation for ADEQ's State Lead Unit. For this site tasks included groundwater well installation, groundwater sampling, installation of an air sparge and SVE system, and operation and maintenance of the AS/SVE systems. Atwell prepares annual site remedial progress reports to ADEQ. Contract will extend through 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Gila County Solid Waste Management Services	(2) YEAR COMPLETED
		Professional Services X Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Since 2010, Mr. Petrus has managed an on-call solid waste services contract with the County which includes groundwater and methane monitoring, greenhouse gas emission estimation, financial assurance estimates, SWPPP preparation and training, spill response, and response to any agency requests. Atwell staff have managed the design and construction of 26 acres of double lined expansions at two County landfills. Atwell staff managed the Type IV Landfill Expansion application for the Russell Gulch Landfill. The landfill will be increased by nearly 1,000,00 cubic yards of capacity. Contract work is anticipated to extend through 2016.	<input checked="" type="checkbox"/> Check if project performed with current firm



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Phoenix, Arizona 85007

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

a. NAME Darrell Smith, PE	b. ROLE IN THIS CONTRACT Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 2

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

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Civil Engineering	f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer - State of Arizona #20952
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 American Society of Civil Engineers, East Valley Partnership

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> CVS - Douglas, AZ	(2) YEAR COMPLETED 2015	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Acted as the Project Manager, performing onsite grading, drainage, paving, and ADOT driveway for this project.	<input checked="" type="checkbox"/> Check if project performed with current firm		
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Mountain Bridge - Mesa, AZ	(2) YEAR COMPLETED 2015	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Acted as the Project Manager for the 700-acre, 1,400 lot master planned community. Darrell worked with the Flood Control District of Maricopa County and City of Mesa throughout the project.	<input checked="" type="checkbox"/> Check if project performed with current firm		
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Kneader's Restaurant - Glendale, AZ	(2) YEAR COMPLETED 2015	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As the Project Manager, Mr. Smith oversaw the grading, drainage, water and sewer design for this project.	<input checked="" type="checkbox"/> Check if project performed with current firm		
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Eastmark - Mesa, AZ	(2) YEAR COMPLETED 2014	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Darrell acted as the Project Manager for this 3200-acre master planned community. Scope included preparation of master wastewater, water, raw water and drainage infrastructure plans.	<input type="checkbox"/> Check if project performed with current firm		
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	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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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section #4 for each key person.)*

a. NAME James Spring, PLS	b. ROLE IN THIS CONTRACT Survey	c. YEARS EXPERIENCE	
		1. TOTAL 35	2. WITH CURRENT FIRM 2
d. LOCATION <i>(City and State)</i> Mesa, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Land Surveyor - Arizona #22282	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> National Society of Professional Surveyors			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> SR 85 Landfill - City of Phoenix	(2) YEAR COMPLETED 2015	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provided on-call survey services for the City of Phoenix SR 85 landfill site for design along with construction quality assurance and quality control.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Tempe Town Lake Lower Dam Review - Tempe, Arizona	(2) YEAR COMPLETED 2015	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Provided professional survey services in assisting the city in yearly structural review of foundation cracks.	<input type="checkbox"/>	Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> 1st Avenue - Mesa, Arizona	(2) YEAR COMPLETED	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently providing professional services for Jacobs design team for 1st avenue roadway design in the City of Mesa.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Optima Kierkland Condo Complex - City of Phoenix	(2) YEAR COMPLETED	Professional Services X	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Currently providing survey services in the development of a five unit highrise condominium complex.	<input checked="" type="checkbox"/>	Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	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> Gila County Solid Waste Management Services - Globe, Arizona	b. YEAR COMPLETED <i>ongoing</i>	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Gila County	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT on going since 2010	e. TOTAL COST OF PROJECT \$250,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Since 2010, Mr. Petrus has managed an on-call solid waste services contract with the County which includes groundwater and methane monitoring, greenhouse gas emission estimation, financial assurance estimates, SWPPP preparation and training, spill response, and response to any agency requests. Atwell staff have managed the design and construction of 26 acres of double lined expansions at two County landfills. Atwell staff managed the Type IV Landfill Expansion application for the Russell Gulch Landfill. The landfill will be increased by nearly 1,000,00 cubic yards of capacity. Contract work is anticipated to extend through 2016.



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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) South Loop 202 Widening - Phoenix, Arizona	b. YEAR COMPLETED 2013	
	PROFESSIONAL SERVICES X	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER ADOT & Pulice Construction	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Total Budget \$75 million	e. TOTAL COST OF PROJECT Survey Budget \$780,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The design-build team provided construction survey and layout for two new HOV flyover bridges at the 101/202 intersection and the I-10/202 intersection. The project also required the layout of 11 miles of new HOV lanes along the 202 from Gilbert Road to the I-10 Interchange.



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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> SR 303 - Cactus Avenue to Clear View Drive - Glendale, Arizona	b. YEAR COMPLETED 2014	
	PROFESSIONAL SERVICES X	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER ADOT & Pulice Construction	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Total Budget \$125 million	e. TOTAL COST OF PROJECT Survey Budget \$1.1 million
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project was the first CMAR project in which ADOT and the Federal Highway Administration worked together. The team supervised the construction staking for the 7.5 mile project, including three new overpasses and interchanges. Additional services included review of the design plans before construction and assisting Pulice Construction in developing CADD drawings used for shop drawings or data for field layout.



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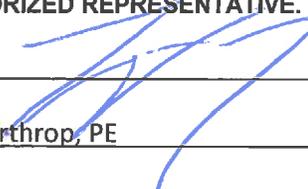
6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)

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:	15%
b.	Percentage of Total Work Attributable to Non-Government Work:	85%

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

Signature: 

Date: December 21, 2015

Name: Ted Northrop, PE

Title: Regional Vice President