



# Offer and Acceptance

State of Arizona  
State Procurement Office  
100 N. 15<sup>th</sup> Ave. Suite 201  
Phoenix, AZ 85007

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

PAGE  
1

Offeror: ATC Group Services 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.

ATC Group Services LLC

Company Name

9185 S. Farmer Avenue, #111

Address

Tempe

AZ

85284

City

State

Zip

phillip.schneider@atcassociates.com

Contact Email Address

Signature of Person Authorized to Sign Offer

Phillip Schneider, P.E.

Printed Name

Branch Manager

Title

Phone: (480) 355-4658

Fax: (480) 355-4694

By signature in the Offer section above, the Offeror certifies:

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

## ACCEPTANCE OF OFFER

The Offer is hereby accepted.

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

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

The effective date of the Contract is March 1, 2016

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

State of Arizona  
Awarded this 29 day of February 2016

Procurement Officer



ATTACHMENT I – General Qualifications

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 3<sup>rd</sup> 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:                 | ATC Group Services LLC              |
| b. FIRM (OR BRANCH OFFICE) STREET:                | 9185 S. Farmer Avenue, Suite 111    |
| c. FIRM (OR BRANCH OFFICE) CITY:                  | Tempe                               |
| d. FIRM (OR BRANCH OFFICE) STATE:                 | Arizona                             |
| e. FIRM (OR BRANCH OFFICE) ZIP CODE:              | 85284                               |
| f. YEAR ESTABLISHED:                              | 1997                                |
| (g1). OWNERSHIP - TYPE:                           | Limited Liability Company           |
| (g2). OWNERSHIP - SMALL BUSINESS STATUS:          | N/A                                 |
| h. POINT OF CONTACT NAME AND TITLE:               | Phil Schneider, Branch Manager      |
| i. POINT OF CONTACT TELEPHONE NUMBER:             | (480) 355-4658                      |
| j. POINT OF CONTACT E-MAIL ADDRESS:               | phillip.schneider@atcassociates.com |
| k. NAME OF FIRM (If block 1a is a branch office): | ATC Group Services 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 |
|-------------------------|---|----------------------------|------------------------------|
| Civil Engineer          | P   | 38                         | 2                            |
| Geotechnical Engineer   | S   | 15                         | 1                            |
| Environmental Scientist | P   | 206                        | 4                            |
| Environmental Scientist | S   |                            | 1                            |
| Project Manager         | P   | 81                         | 5                            |
| Project Manager         | S   |                            | 7                            |
| CADD Technician         | P   | 20                         | 1                            |
| Construction Manager    | P   | 11                         | 1                            |
| Mechanical Engineer     | S   | 2                          | 1                            |
| Technician/Analyst      | P   | 123                        | 5                            |
| Technician/Analyst      | S   |                            | 1                            |
| Geologist               | P   | 117                        | 3                            |
| Geologist               | S   |                            | 1                            |
|                         |   |                            |                              |
|                         |   |                            |                              |
|                         |   |                            |                              |
|                         |   |                            |                              |
|                         |   |                            |                              |
|                         |   |                            |                              |
| <b>Total</b>            |   | 613                        | 32                           |



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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) |
|--------------------------------|--|-------------------------------------|
| 82                             | Construction Materials Testing             | 4                                   |
| 6                              | Mold Investigation                         | 1                                   |
| 1                              | Pipelines (Cross-Country - Liquid and Gas) | 1                                   |
| 27                             | Phase I Environmental                      | 2                                   |
| 21                             | Soils and Geologic Studies; Foundations    | 1                                   |
| 21                             | Urban Renewal                              | 1                                   |
| 2                              | Construction Management                    | 5                                   |
|                                |  |                                     |
|                                |  |                                     |
|                                |  |                                     |

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  | b. ROLE IN THIS CONTRACT | c. YEARS EXPERIENCE                      |                      |
|  |                          | 1. TOTAL                                 | 2. WITH CURRENT FIRM |
| David F. Laney, CHMM   | Project Manager          | 31                                       | 3                    |
| d. LOCATION (City and State)   |                          |  |                      |
| Tempe, Arizona   |                          |  |                      |
| e. EDUCATION (DEGREE AND SPECIALIZATION)   |                          | f. PROFESSIONAL TRAINING - REGISTRATIONS |                      |
| B.S., Resource Development   |                          |  |                      |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)   |                          |  |                      |
| Certified Hazardous Materials Manager Certification;<br>Affiliations: Arizona Bar Association Environmental & National Resources Law Section; Arizona Hydrological Society; ASTM Technical Committee E50 Environmental Assessment, Risk Management and Corrective Action; Environmental Professionals of Arizona |                          |  |                      |

**H. RELEVANT PROJECTS**

|    |  |  |                              |
|----|--|--|------------------------------|
| 1. | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|    | LZ Budge Motel   | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | ATC performed a Phase I Environmental Site Assessment and an asbestos survey of the using money from an EPA grant. When results of this work showed significant asbestos, the City of Phoenix acquired the property and ATC assisted them in obtaining a grant from the Arizona Department of Environmental Quality for abatement. After the work was complete the building was demolished.  |  |                              |
| 2. | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|    | Buckhorn Baths Phase I and II Environmental Site Assessments   | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | ATC was contracted by the City of Mesa to perform Phase I and II Environmental Site Assessments (ESAs) at the historic Buckhorn Baths Motel and Wildlife Museum. This work was funded by a Brownfields grant from the Arizona Department of Environmental Quality. ATC prepared an updated Phase I ESA Report that included a detailed inspection and inventory of a building believed to have been used previously as a taxidermy shop. Cardno ATC also prepared a Sampling and Analysis Plan that was approved by the U.S. Environmental Protection Agency Region IX. The Phase II ESA included a geophysical survey and excavation and sampling of the area formerly occupied by a service station and exploratory excavation and sampling of a septic tank that has serviced a former service station and auto repair business on the site for approximately 40 years. |  |                              |
| 3. | (1) TITLE AND LOCATION (City and State)  | (2) YEAR COMPLETED   |                              |
|    | Route 66 Brownfields Inventory for the City of Holbrook  | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | ATC was contracted through a competitive bid process, to prepare a Route 66 Brownfields inventory for the City of Holbrook. The project included an evaluation of 47 properties that were identified on state and federal environmental regulatory agency databases. ATC evaluated property eligibility for U.S. Environmental Protection Agency grant funding, and developed a priority ranking for the 16 Brownfield sites that were ultimately selected by the City of Holbrook for further study as the focus of either a Phase I Environmental Site Assessment, an asbestos building inspection or a lead based paint survey.   |  |                              |



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

|  |  |  |                           |
|--|--|--|---------------------------|
| b. NAME<br>Peter Rupal, P.E.   | b. ROLE IN THIS CONTRACT<br>Civil Engineer | c. YEARS EXPERIENCE  |                           |
|  |  | 2. TOTAL<br>32   | 2. WITH CURRENT FIRM<br>3 |
| d. LOCATION (City and State)<br>Tempe, Arizona   |  |  |                           |
| e. EDUCATION (DEGREE AND SPECIALIZATION)<br>B.A.Sc., Civil Engineering   |  | f. PROFESSIONAL TRAINING - REGISTRATIONS<br>Professional Engineer (AZ, CO) |                           |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)<br>American Society of Civil Engineers (ASCE)<br>American Public Works Association (APWA) |  |  |                           |

**H. RELEVANT PROJECTS**

|    |  |                                     |  |
|----|--|-------------------------------------|--|
| 1. | (1) TITLE AND LOCATION (City and State)<br>Hardy Townhomes Geotechnical Engineering Study  | (2) YEAR COMPLETED                  |  |
|    |  | Professional Services<br>2015       | Construction (if applicable)                 |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>Provided a Geotechnical Engineering Study. Services included field exploration, laboratory testing and engineering analysis to develop recommendation for design and construction of foundations pavements and underground utilities for an eight-unit townhouse development on an 0.5 acre vacant lot.                 | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 2. | (1) TITLE AND LOCATION (City and State)<br>HSC Brian Garcia Welcome Center Geotechnical Engineering Study  | (2) YEAR COMPLETED                  |  |
|    |  | Professional Services<br>2015       | Construction (if applicable)                 |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>Provided a Geotechnical Engineering Study. Services included field exploration, laboratory testing and engineering analysis to develop recommendation for design and construction of foundations pavements and underground utilities for a one or two story building with a 4,000 square foot footprint.                | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 3. | (1) TITLE AND LOCATION (City and State)<br>Proplastic Geotechnical Engineering Study   | (2) YEAR COMPLETED                  |  |
|    |  | Professional Services<br>2015       | Construction (if applicable)                 |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>Provided a Geotechnical Engineering Study. Services included field exploration, laboratory testing and engineering analysis to develop recommendation for design and construction of foundations pavements and underground utilities for a single-story office/light manufacturing facility on a vacant parcel of land. | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 4. | (1) TITLE AND LOCATION (City and State)<br>Jackson's C-Store Addition Geotechnical Engineering Study   | (2) YEAR COMPLETED                  |  |
|    |  | Professional Services<br>2015       | Construction (if applicable)                 |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>Provided a Geotechnical Engineering Study. Services included field exploration, laboratory testing and engineering analysis to develop recommendation for design and construction of foundations pavements and underground utilities for a single-story addition to an existing convenience store.                      | <input checked="" type="checkbox"/> | Check if project performed with current firm |



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**100 North 15<sup>th</sup> Avenue, Suite 201**  
**Phoenix, Arizona 85007**

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

|  |                          |   |                            |
|--|--------------------------|---|----------------------------|
| c. NAME  | b. ROLE IN THIS CONTRACT | c. YEARS EXPERIENCE                           |                            |
| Julie M. Powers  | Environmental Scientist  | 3. TOTAL<br>22                                | 2. WITH CURRENT FIRM<br>19 |
| d. LOCATION <i>(City and State)</i>  |                          |   |                            |
| Tempe, Arizona   |                          |   |                            |
| e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>                                  |                          | f. PROFESSIONAL TRAINING - REGISTRATIONS      |                            |
| B.S., Construction<br>M.B.A., Business Administration                            |                          |   |                            |
| g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>        |                          |   |                            |
| Arizona Bankers Association (ABA)<br>Environmental Information Association (EIA) |                          | Environmental Professionals of Arizona (EPAZ) |                            |

**H. RELEVANT PROJECTS**

|           |   |  |                              |
|-----------|---|--|------------------------------|
| <b>1.</b> | (1) TITLE AND LOCATION <i>(City and State)</i><br>City of Phoenix Environmental On-Call, Phoenix, Arizona   | (2) YEAR COMPLETED   |                              |
|           |   | Professional Services  | Construction (if applicable) |
|           | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE<br>Ongoing. Program Manager providing ESA services for various City departments such as Aviation, Engineering & Architectural Services, Streets, Public Works, Neighborhood Services and for the City Manager's Office. At present, over 350 Phase I ESAs have been completed on residential, various right-of-ways on retail, commercial, industrial and agricultural properties, and airport properties. | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
| <b>2.</b> | (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 checked="" type="checkbox"/> Check if project performed with current firm |                              |
| <b>3.</b> | (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            |                              |
| <b>4.</b> | (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            |                              |
| <b>5.</b> | (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.)*

|   |                          |  |                      |
|---|--------------------------|--|----------------------|
| d. NAME   | b. ROLE IN THIS CONTRACT | c. YEARS EXPERIENCE                      |                      |
|   |                          | 4. TOTAL                                 | 2. WITH CURRENT FIRM |
| D.J. Peters   | Project Manager          | 19                                       | 7                    |
| d. LOCATION <i>(City and State)</i>                                       |                          |  |                      |
| Tempe, Arizona  |                          |  |                      |
| e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>                           |                          | f. PROFESSIONAL TRAINING - REGISTRATIONS |                      |
| General Studies, ASU  |                          |  |                      |
| g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> |                          |  |                      |
| American Rock Products Association (ARPA)                                 |                          | American Concrete Institute              |                      |
| Associated General Contractors of Arizona (AGC)                           |                          | American Public Works Association (APWA) |                      |

**H. RELEVANT PROJECTS**

|    |  |  |                              |
|----|--|--|------------------------------|
| 1. | (1) TITLE AND LOCATION <i>(City and State)</i>   | (2) YEAR COMPLETED   |                              |
|    | City of Phoenix On-Call Soils and Materials Testing, Phoenix, Arizona  | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | Ongoing. Project Manager for City of Phoenix for On-Call Soils and Materials Testing Services for capital improvement projects. From December 2009 to Present, provided observation and testing during the placement of all native subgrade material, bedding material, Aggregate Base Course, concrete and asphalt for various projects throughout the city..   |  |                              |
| 2. | (1) TITLE AND LOCATION <i>(City and State)</i>   | (2) YEAR COMPLETED   |                              |
|    | Goodyear Airport Runway Rehabilitation, Goodyear, AZ   | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | This project consisted of 35,000 tons of a 3-inch mill and overlay of the existing asphaltic concrete runway, protection of existing signage and lighting and remarking the runway. ATC performed Quality Control for the Contractor. This was a federally funded project. This project will utilized federal funds and was subject to the requirements of 49 Code of Federal Regulations Part 26 and the U.S. Department of Transportation DBE Program.                             |  |                              |
| 3. | (1) TITLE AND LOCATION <i>(City and State)</i>   | (2) YEAR COMPLETED   |                              |
|    | Show Low Holbrook Highway (SR77) – US60 to Milepost 352  | Professional Services<br>2015  | 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            |                              |
|    | ATC performed Contractor Quality Control on this project is located in Navajo County on SR77 between Junction US 60 and milepost 352. This pavement rehabilitation project removes and replaces 46,181 tons of old asphalt surface with Superpave Hot-Mix Asphalt, shoulder build up both earthen and milled AC, structural concrete, concrete slab, guard rail, embankment curbing and other related work.  |  |                              |
| 4. | (1) TITLE AND LOCATION <i>(City and State)</i>   | (2) YEAR COMPLETED   |                              |
|    | Ehrenberg Phoenix Highway (I-10) – Milepost 42 to Hovatter Road  | Professional Services<br>2015  | Construction (if applicable) |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE   | <input checked="" type="checkbox"/> Check if project performed with current firm |                              |
|    | ATC performed Contractor Quality Control on this pavement preservation work, which is located in La Paz County on Interstate 10 (I-10), beginning at milepost 41.94 and extending east to milepost 52. The work consists of milling, placing 68,686 ton of Asphaltic Concrete (End Product), 9,445 tons of Asphaltic Concrete Friction Coarse (Asphalt-Rubber), crack sealing, guardrail, shoulder build-up, placing fog coat on shoulders, pavement marking and other related work. |  |                              |



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

|   |                          |  |                      |
|---|--------------------------|--|----------------------|
| e. NAME   | b. ROLE IN THIS CONTRACT | c. YEARS EXPERIENCE                      |                      |
|   |                          | 5. TOTAL                                 | 2. WITH CURRENT FIRM |
| Phillip A. Schneider, P.E.  | Mechanical Engineer      | 29                                       | 5                    |
| d. LOCATION (City and State)  |                          |  |                      |
| Tempe, Arizona  |                          |  |                      |
| e. EDUCATION (DEGREE AND SPECIALIZATION)  |                          | f. PROFESSIONAL TRAINING - REGISTRATIONS |                      |
| B.S., Mechanic Engineering<br>M.B.A., Management  |                          | Registered Mechanical Engineer (AZ)      |                      |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)  |                          |  |                      |
| American Society of Mechanical Engineers, Environmental Professionals of Arizona, Arizona Association of Economic Development, Valley Partnership |                          |  |                      |

**H. RELEVANT PROJECTS**

|    | (1) TITLE AND LOCATION (City and State)   | (2) YEAR COMPLETED                  |  |
|----|---|-------------------------------------|--|
|    |   | Professional Services               | Construction (if applicable)                 |
| 1. | Morton Salt, Inc.   |                                     |  |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>Ongoing. ATC designed the box culverts and the provided construction management/oversight associated with the replacement of the geosynthetic liner for a 10-acre evaporation pond for the production of salt.   | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 2. | Morton Salt, Inc.   | 2015                                |  |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>ATC removed the existing wet stockpile sump; installed one new catch basin with grated cover; installed new 6-inch diameter HDPE pipe; manifolded catch basins with new 6-inch diameter HDPE pipe, existing 18-inch diameter culvert and 8-inch diameter HDPE pipe for drainage into an adjacent pond. | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 3. | Morton Salt, Inc.   | 2015                                |  |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE<br>ATC provided construction management/oversight associated with the replacement of a geosynthetic liner for a 2.2-acre evaporation pond for the production of salt  | <input checked="" type="checkbox"/> | Check if project performed with current firm |
| 4. |   |                                     |  |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE   | <input checked="" type="checkbox"/> | Check if project performed with current firm |



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

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

|  |                               |                                     |
|--|-------------------------------|-------------------------------------|
| a. TITLE AND LOCATION <i>(City and State)</i><br>Buckhorn Baths Motel and Wildlife Museum Phase I and II, Mesa, AZ | b. YEAR COMPLETED             |                                     |
|  | PROFESSIONAL SERVICES<br>2015 | CONSTRUCTION <i>(If applicable)</i> |

**23. PROJECT OWNER'S INFORMATION**

|                                  |  |                                      |
|----------------------------------|--|--------------------------------------|
| c. PROJECT OWNER<br>City of Mesa | d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT<br>\$27,100 | e. TOTAL COST OF PROJECT<br>\$27,100 |
|----------------------------------|--|--------------------------------------|

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

ATC Group Services LLC (ATC) was contracted by the City of Mesa to perform Phase I and II Environmental Site Assessments (ESA) at the historic Buckhorn Baths Motel and Wildlife Museum. This work was funded by a Brownfields grant from the Arizona Department of Environmental Quality. ATC prepared an updated Phase I ESA Report that included a detailed inspection and inventory of a building believed to have been used previously as a taxidermy shop. ATC also prepared a Sampling and Analysis Plan that was approved by the U.S. Environmental Protection Agency Region IX. The Phase II ESA included a geophysical survey and excavation and sampling of the area formerly occupied by a service station and exploratory excavation and sampling of a septic tank that has serviced a former service station and auto repair business on the site for approximately 40 years.



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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.)*

|  |                               |                                     |
|--|-------------------------------|-------------------------------------|
| b. TITLE AND LOCATION <i>(City and State)</i><br>Phase I and II ESA's for Arizona Oil Holdings, Throughout Arizona, Florida, and Georgia | b. YEAR COMPLETED             |                                     |
|  | PROFESSIONAL SERVICES<br>2015 | CONSTRUCTION <i>(If applicable)</i> |

**23. PROJECT OWNER'S INFORMATION**

|  |  |                          |
|--|--|--------------------------|
| c. PROJECT OWNER<br>Arizona Oil Holdings | d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT |
|--|--|--------------------------|

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

ATC has conducted 76 Phase I Environmental Site Assessments (ESAs), five Phase II ESAs, five Natural Attenuation Monitoring (NAM) projects, three Site Assessment Reports (SARs) and one well abandonment project for active convenience store fueling facilities in Arizona, Florida and Georgia. This work was performed over four years. The Phase I and Phase II ESAs included client and lender conference calls regarding project findings and recommendations. The Phase I ESA scopes typically included following the ASTM 05, AAI standard and lender requirements. The Phase II ESAs typically included performing baseline assessments due to the age of USTs at the property or adjoining off-site leaking USTs or historical dry-cleaning facilities. Typically, the Phase I ESAs were delivered within three weeks and fast track projects have been delivered in two weeks. Results from Phase II ESAs were used by the client to negotiate responsible party obligations for remediation activities, if needed. SARs were completed for Leaking Underground Storage Tanks (LUSTs) or spill buckets. A well abandonment project was completed for a facility that recorded case closure.



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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.)*

|  |                               |                                     |
|--|-------------------------------|-------------------------------------|
| c. TITLE AND LOCATION <i>(City and State)</i><br>Wal-Mart Store #7320-00, Yuma, AZ | b. YEAR COMPLETED             |                                     |
|  | PROFESSIONAL SERVICES<br>2015 | CONSTRUCTION <i>(If applicable)</i> |

**23. PROJECT OWNER'S INFORMATION**

|  |   |                                       |
|--|---|---------------------------------------|
| c. PROJECT OWNER<br>Walmart Stores, Inc. | d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT<br>68,954.00 | e. TOTAL COST OF PROJECT<br>87,527.50 |
|--|---|---------------------------------------|

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

This projects consists of building a new 41,921 SQF Neighborhood Market. The structure has masonry walls, steel roof frame, conventional concrete slab-on-grade, and is supported on shallow spread foundations bearing on 8 feet of engineered fill. Cardno is serving as the Construction Testing Laboratory (CTL) for the owner, Walmart. Quality assurance testing and inspection is being provided for earthwork placement and compaction, concrete placement, reinforcing steel placement, masonry wall construction, structural steel and welding, epoxy bolt installations, and asphalt placement. We are also measuring floor flatness and floor gloss. In addition to documenting deficient items, we are on site monitoring and reporting on corrective action taken by the contractor so we can report to the structural engineer for their sign off.



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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.)

Construction Materials Testing

The ATC Tempe office has provided Construction Materials Testing (CMT) and Geotechnical services to private and public sector clients throughout Arizona since 1997. Our CMT/Geotechnical department provides systematic testing and inspection services to assure materials utilized during construction meet project specifications and sustainability goals. Whether your project is simple or complex, ATC has the Quality Assurance/Quality Control (QA/QC) expertise to meet your needs. ATC can provide in-house field, laboratory and project management personnel for your projects.

ATC currently employs a Division Manager, an Operations Manager and an Asphalt Materials Engineer, along with seventeen field and laboratory technicians, who are certified by the American Concrete Industry (ACI) and the Arizona Technical Testing Institute (ATTI). ATC technicians have at least three years of experience in sampling, testing and documenting construction projects. Their experience incorporates many facets of the CMT industry, including concrete, concrete mix designs, masonry, grout, soils, aggregates, asphalt and asphalt mix designs. Each ATC technician is equipped with a laptop computer and high speed wireless internet service to facilitate prompt daily and weekly reports and allow laboratory data to be transmitted to the field where timely decisions can be made. This facilitates keeping projects on schedule, which translates into cost savings for our client.

ATC's materials testing laboratory satisfies all American Association of State Highway and Transportation Officials (AASHTO) accreditation requirements and is listed as an Arizona Department of Transportation (ADOT) approved laboratory for materials testing and asphalt mix designs. ATC's fully equipped Tempe laboratory holds AASHTO Materials Reference Laboratory (AMRL), Cement and Concrete Reference Laboratory (CCRL) and ADOT accreditations and participates in all proficiency sampling programs.

Phase I and Phase II's

Each year ATC conducts thousands of Phase I Environmental Site Assessments (ESAs) to help clients identify, analyze and resolve property environmental conditions. This service typically includes research and review of reasonably available federal, state and local agency records and online databases, site history and ownership records review, physical site inspection, interviews, and interpretation of previous studies.

When the likelihood of serious environmental issues are indicated, ATC's scientists, engineers and technicians can help you conduct Phase II ESAs to determine if contamination is present, delineate its extent and estimate the cost of remediation. Based upon your needs, our professionals can prepare and implement a program to meet your strategic goals.

With ATC, you have access to resources to help you design a sampling plan or remedial program, select a clean-up technology, prepare a comprehensive findings report, manage the permitting process, or provide expert witness testimony. ATC's professionals will work closely with you to ensure that the work is done efficiently, cost effectively and in compliance with applicable federal, state and local regulations.



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**Phase I services include:**

- > Evaluating historical and current usage
- > Identifying recognized environmental conditions

**Phase II services (if necessary)**

- > Involving limited intrusive investigation
- > Determining level of contamination (if any)
- > Potential for regulatory notification, additional investigation and/or remediation

**Phase I ESA – Basic Elements**

- > Visual onsite assessment
- > Document review
- > Historical information/aerial photographs, etc.
- > Interviews
- > Environmental database review

**Phase II ESA – Basic Elements**

- > Collection and analysis of soil and groundwater samples
- > Comparison of analytical results to state and federal standards
- > Delineation of potential contamination
- > Development of remedial strategies if necessary
- > Environmental Protection Plan

**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: | 44% |
| b. Percentage of Total Work Attributable to Non-Government Work:                          | 56% |

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

Signature: Phillip Schneider

Date: December 21, 2015

Name: Phillip Schneider, P.E.

Title: Branch Manager