



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: Speedie & Associates, Inc

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.

SPEEDIE & ASSOCIATES, INC.

Company Name

3331 EAST WOOD STREET

Address

PHOENIX

City

AZ

State

85040

Zip

BCREAER@SPEEDIE.NET

Contact Email Address

Signature of Person Authorized to Sign Offer

BRETT P. CREASER, P.E.

Printed Name

SR. VICE PRESIDENT / CFO

Title

Phone: (602) 997-6391

Fax: (602) 943-5508

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 26th day of February 20 16

Procurement Officer



ATTACHMENT I – General Qualifications
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912**

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	SPEEDIE & ASSOCIATES, INC.
b. FIRM (OR BRANCH OFFICE) STREET:	3331 E WOOD STREET
c. FIRM (OR BRANCH OFFICE) CITY:	PHOENIX
d. FIRM (OR BRANCH OFFICE) STATE:	ARIZONA
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85040

f. YEAR ESTABLISHED:	1980
----------------------	-------------

(g1). OWNERSHIP - TYPE:	S-Corp
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	NOT APPLICABLE

h. POINT OF CONTACT NAME AND TITLE:	BRETT P. CREASER, PE SR. VICE PRESIDENT/CFO
i. POINT OF CONTACT TELEPHONE NUMBER:	(602) 997-6391
j. POINT OF CONTACT E-MAIL ADDRESS:	BCREASER@SPEEDIE.NET

k. NAME OF FIRM (If block 1a is a branch office):	N/A
---	------------



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

2. EMPLOYEES BY DISCIPLINE (PHX)

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Construction Inspector	4 (P) / 7 (S)	11	7
Environmental Scientist	3 (P)	3	3
Geologist (Registered Geologists – R.G.)	2 (P) / 1 (S)	3	1
Project Manager	8 (P) / 1 (S)	9	6
Soils Engineer (Civil Engineering Registrants – P.E.)	2 (P) / 1 (S)	5	3
Materials Engineer (Civil Engineering Registrant – P.E.)	3 (P)	3	3
Technician/Analyst	66 (P) / 3 (S)	69	50
Other	21 (P)	21	18
Total		124	91



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

1. Annual Request for Qualifications

g. FIRM (OR BRANCH OFFICE) NAME:	SPEEDIE & ASSOCIATES, INC.
h. FIRM (OR BRANCH OFFICE) STREET:	4025 E. HUNTINGTON DRIVE, SUITE 140
i. FIRM (OR BRANCH OFFICE) CITY:	FLAGSTAFF
j. FIRM (OR BRANCH OFFICE) STATE:	ARIZONA
k. FIRM (OR BRANCH OFFICE) ZIP CODE:	86004

l. YEAR ESTABLISHED:	1994 (FLAGSTAFF OFFICE)
----------------------	--------------------------------

(g1). OWNERSHIP - TYPE:	S-CORP
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	NOT APPLICABLE

h. POINT OF CONTACT NAME AND TITLE:	CLAY SPENCER, R.G. / NORTHERN ARIZONA REGIONAL MANAGER
i. POINT OF CONTACT TELEPHONE NUMBER:	(928) 526-6681
j. POINT OF CONTACT E-MAIL ADDRESS:	CSPENCER@SPEEDIE.NET

k. NAME OF FIRM <i>(If block 1a is a branch office):</i>	SPEEDIE & ASSOCIATES, INC.
--	---------------------------------------



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Construction Inspector	4 (P) / 7 (S)	11	1
Environmental Scientist	3 (P)	3	0
Geologist (Registered Geologists – R.G.)	2 (P) / 1 (S)	3	1
Project Manager	8 (P) / 1 (S)	9	2
Soils Engineer (Civil Engineering Registrants – P.E.)	2 (P) / 1 (S)	5	1
Materials Engineer (Civil Engineering Registrant – P.E.)	3 (P)	3	0
Technician/Analyst	66 (P) / 3 (S)	69	10
Other	21 (P)	21	1
Total		124	16



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

1. Annual Request for Qualifications

m. FIRM (OR BRANCH OFFICE) NAME:	SPEEDIE & ASSOCIATES, INC.
n. FIRM (OR BRANCH OFFICE) STREET:	3125 E. 47 TH STREET
o. FIRM (OR BRANCH OFFICE) CITY:	TUCSON
p. FIRM (OR BRANCH OFFICE) STATE:	ARIZONA
q. FIRM (OR BRANCH OFFICE) ZIP CODE:	85713

r. YEAR ESTABLISHED:	1998 (TUCSON OFFICE)
----------------------	----------------------

(g1). OWNERSHIP - TYPE:	S-CORP
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	NOT APPLICABLE

h. POINT OF CONTACT NAME AND TITLE:	JUSTIN MANCHESTER / SOUTHERN ARIZONA REGIONAL MANAGER
i. POINT OF CONTACT TELEPHONE NUMBER:	(520) 514-9411
j. POINT OF CONTACT E-MAIL ADDRESS:	JMANCHESTER@SPEEDIE.NET

k. NAME OF FIRM (If block 1a is a branch office):	SPEEDIE & ASSOCIATES, INC.
---	----------------------------



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Construction Inspector	4 (P) / 7 (S)	11	3
Environmental Scientist	3 (P)	3	0
Geologist (Registered Geologists – R.G.)	2 (P) / 1 (S)	3	1
Project Manager	8 (P) / 1 (S)	9	1
Soils Engineer (Civil Engineering Registrants – P.E.)	2 (P) / 1 (S)	5	1
Materials Engineer (Civil Engineering Registrant – P.E.)	3 (P)	3	0
Technician/Analyst	66 (P) / 3 (S)	69	9
Other	21 (P)	21	2
Total		124	17



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Brett P. Creaser, P.E.	b. ROLE IN THIS CONTRACT Principal in Charge, Construction Materials Testing	c. YEARS EXPERIENCE	
		1. TOTAL 35	2. WITH CURRENT FIRM 33
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Civil Engineering Arizona State University, 1984		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #20900, CA #67296	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Concrete Institute, (ACI); American Society of Civil Engineers, (ASCE); Arizona Rock Products Association, (ARPA); American Society for Testing and Materials, (ASTM); Associated General Contractors, (AGC)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Marina Heights - Tempe, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Largest mixed-use office development in Arizona History featuring over 2 million square feet space within five multi-story office towers and approximately 8,600 parking spaces. The project sits on 20 acres along the south side of Tempe Town Lake. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$600 million Size: Approximately 2 million SF	Professional Services Active Construction (if applicable) Est. 2017
2.	(1) TITLE AND LOCATION <i>(City and State)</i> MCSO Vehicle Storage Facility - Phoenix, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This 41,000 SF facility, known by the County as the "SWAT Barn," contains vehicle space for the Maricopa County Sheriff's Department SWAT Team. Geotechnical investigation, construction materials testing provided. Role: Principal-in-Charge Cost: \$2,393,363 Size: 41,000 SF	Professional Services November 2013 Construction (if applicable) December 2013
3.	(1) TITLE AND LOCATION <i>(City and State)</i> University House, Phase II - Tempe, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE University House Communities has opened the second phase of University House, a 16-story, 148,680-square-foot building with 242 beds near Arizona State University's campus. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$18.5 million Size: 127,930 SF	Professional Services July 2015 Construction (if applicable) July 2015
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MCSO Headquarters - Phoenix, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$46 million Size: 128,000 SF	Professional Services November 2013 Construction (if applicable) January 2014
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa County South Court Tower - Phoenix, Arizona	(2) YEAR COMPLETED
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 695,000 sf, 16-story courthouse building; highly sustainable energy and water efficient; houses 32 courtroom sets and includes central juror assembly for the entire court campus, secure central underground parking for county court judges, central in-custody holding and vehicular sally port for in-custody transfers, underground connection tunnel to the existing tunnel system and pedestrian bridge connecting the new court tower to the existing central court tower, clerk of the court and office support, and judicial chambers. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$250 million Size: 725,000 SF	Professional Services October 2012 Construction (if applicable) June 2013



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Gregg A. Creaser, P.E., R.L.S.	b. ROLE IN THIS CONTRACT Principal in Charge, Geotechnical Services	c. YEARS EXPERIENCE	
		1. TOTAL 37	2. WITH CURRENT FIRM 35
d. LOCATION (<i>City and State</i>) Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.S., Civil Engineering Arizona State University, 1975		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #14388, NM #14003 Registered Land Surveyor – AZ #17161	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) American Concrete Institute, (ACI); American Society of Civil Engineers, (ASCE); President, American Council of Engineering Companies of AZ (ACEC-AZ); American Society of Highway Engineers (ASHE); Board Member, Southwest Business Finance Corporation (SBFC)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Sky Harbor International Airport, T3 Modernization - Phoenix, Arizona	Active	2020
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project includes the modernization of Terminal 3 including a new concourse with gates on the south side and additions to the existing concourse on the north side. The structure is two-level steel/concrete reusing the existing bridge connections over Sky Harbor Blvd. to the Terminal Bridge. Geotechnical investigation provided; construction materials testing and special inspections Role: Principal-in-Charge Cost: Est. \$590 million Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	ASU Interdisciplinary Science and Technology Building VI - Tempe, Arizona	November 2015	Est. December 2017
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project includes a four-story laboratory and classroom building with basement on ASU's Main Campus. Geotechnical investigation provided. Role: Principal-in-Charge Cost: Est. \$84 million Size: Est. 168,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	University House, Phase II - Tempe, Arizona	July 2015	July 2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE University House Communities has opened the second phase of University House, a 16-story, 148,680-square-foot building with 242 beds near Arizona State University's campus. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$18.5 million Size: 127,930 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	MCSO Headquarters - Phoenix, Arizona	November 2013	January 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$46 million Size: 128,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Taxiway 'A' Reconstruction - Scottsdale, Arizona	October 2015	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Pavement evaluation and recommendations for the reconstruction of Taxiway A at the Scottsdale Municipal Airport. The improvements will strengthen the taxiway to handle jets up to 100,000 lbs. Geotechnical investigation provided. Role: Principal-in-Charge Cost: \$9 million Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Brian Lingnau, Ph.D., P.E.	b. ROLE IN THIS CONTRACT Sr. Geotechnical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Ph.D., Civil Engineering, University of Manitoba, Canada, 1993 M.Eng., Geotechnical Engineering, University of Alberta, Canada, 1985 BSc., Civil Engineering, University of Alberta, Canada, 1981		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #38785	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)* ASCE Instrumentation & Monitoring Bootcamp, 2009
ASCE Micropile Design & Construction Short Course, 2008; ASCE Earthquake Induced Ground Motion Short Course, 2007; Erosion Control and Gabion Systems Short Course, 2007; NTI LRFD for Highway Bridges, Substructures, and Earth; Retaining Structures 2006, 2007 MS Excel Advanced Functions Course, 2007; Unsaturated Soils Conference, 2006; NTI Design and Construction of MSE Walls, 2003; Maccaferri flood and erosion control seminar, 2003; GeoPier Foundation Workshop, 2002; NTI Driven Pile Design and Construction, 2001; Helical & Pier Technology Services, 2007

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Sky Harbor International Airport, T3 Modernization - Phoenix, Arizona	Active	2020
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes the modernization of Terminal 3 including a new concourse with gates on the south side and additions to the existing concourse on the north side. The structure is two-level steel/concrete reusing the existing bridge connections over Sky Harbor Blvd. to the Terminal Bridge. Geotechnical investigation provided; construction materials testing and special inspections Role: Geotechnical Engineer Cost: Est. \$590 million Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	I-17 and Cactus Road Widening - Phoenix, Arizona	2007	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Investigation of existing roadway and retaining wall along Cactus Road for improvements at the Cactus Road/I-17 Interchange. Project to involve widening of Cactus Road to accommodate additional turn lanes. Geotechnical investigation provided. Role: Geotechnical Engineer Cost: \$40,000 (S&A) Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Valley Metro Light Rail, Gilbert Road Extension - Mesa, Arizona	Active	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 1 – 1/2 mile extension of the light rail track from Hobson to Gilbert Road with a park and ride lot at Gilbert Rd. Project may include two stations and two roundabouts. Geotechnical investigation underway. Role: Geotechnical Engineer Cost: Est. \$161 million Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	MCSO Headquarters - Phoenix, Arizona	November 2013	January 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Geotechnical Engineer Cost: \$46 million Size: 128,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Taxiway 'A' Reconstruction - Scottsdale, Arizona	October 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Pavement evaluation and recommendations for the reconstruction of Taxiway A at the Scottsdale Municipal Airport. The improvements will strengthen the taxiway to handle jets up to 100,000 lbs. Geotechnical investigation provided. Role: Geotechnical Engineer Cost: \$9 million Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Donald L. Cornelison, P.E.	b. ROLE IN THIS CONTRACT Principal in Charge, Laboratory Services	c. YEARS EXPERIENCE	
		1. TOTAL 37	2. WITH CURRENT FIRM 20
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #23216, CO #28673, NV #10181	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Association of Asphalt Paving Technologies (AAPT), Arizona Rock Products Association (ARPA), Associated General Contractors (AGC), Arizona Technical Testing Institutes (ATTI) – Technical Advisory Board, American Concrete Institute (ACI), American Society for Testing and Materials (ASTM), NICET – Level IV Asphalt, Concrete, Geotech Lab			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Marina Heights - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Largest mixed-use office development in Arizona History featuring over 2 million square feet space within five multi-story office towers and approximately 8,600 parking spaces. The project sits on 20 acres along the south side of Tempe Town Lake. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$600 million Size: Approximately 2 million SF	Professional Services Active	Construction (if applicable) Est. 2017
<input checked="" type="checkbox"/>		Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> ASU Interdisciplinary Science and Technology Building VI - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project includes a four-story laboratory and classroom building with basement on ASU's Main Campus. Geotechnical investigation provided. Role: Principal-in-Charge Cost: Est. \$84 million Size: Est. 168,000 SF	Professional Services November 2015	Construction (if applicable) Est. December 2017
<input checked="" type="checkbox"/>		Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> University House, Phase II - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE University House Communities has opened the second phase of University House, a 16-story, 148,680-square-foot building with 242 beds near Arizona State University's campus. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$18.5 million Size: 127,930 SF	Professional Services July 2015	Construction (if applicable) July 2015
<input checked="" type="checkbox"/>		Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MCSO Headquarters - Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$46 million Size: 128,000 SF	Professional Services November 2013	Construction (if applicable) January 2014
<input checked="" type="checkbox"/>		Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Maricopa County South Court Tower - Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 695,000 sf, 16-story courthouse building; highly sustainable energy and water efficient; houses 32 courtroom sets and includes central juror assembly for the entire court campus, secure central underground parking for county court judges, central in-custody holding and vehicular sally port for in-custody transfers, underground connection tunnel to the existing tunnel system and pedestrian bridge connecting the new court tower to the existing central court tower, clerk of the court and office support, and judicial chambers. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$250 million Size: 725,000 SF	Professional Services October 2012	Construction (if applicable) June 2013
<input checked="" type="checkbox"/>		Check if project performed with current firm	



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Jason C. Wells, P.E.	b. ROLE IN THIS CONTRACT Division Manager/Project Manager Construction Materials Testing	c. YEARS EXPERIENCE	
		1. TOTAL 19	2. WITH CURRENT FIRM 19
d. LOCATION (<i>City and State</i>) Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.S., Civil Engineering Arizona State University, 1998		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #37893	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) American Society of Civil Engineers (ASCE)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) Marina Heights - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Largest mixed-use office development in Arizona History featuring over 2 million square feet space within five multi-story office towers and approximately 8,600 parking spaces. The project sits on 20 acres along the south side of Tempe Town Lake. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$600 million Size: Approximately 2 million SF	Professional Services Active	Construction (if applicable) Est. 2017
<input checked="" type="checkbox"/>		Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (<i>City and State</i>) ASU Interdisciplinary Science and Technology Building VI - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project includes a four-story laboratory and classroom building with basement on ASU's Main Campus. Geotechnical investigation provided. Role: Principal-in-Charge Cost: Est. \$84 million Size: Est. 168,000 SF	Professional Services November 2015	Construction (if applicable) Est. December 2017
<input checked="" type="checkbox"/>		Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (<i>City and State</i>) University House, Phase II - Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE University House Communities has opened the second phase of University House, a 16-story, 148,680-square-foot building with 242 beds near Arizona State University's campus. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$18.5 million Size: 127,930 SF	Professional Services July 2015	Construction (if applicable) July 2015
<input checked="" type="checkbox"/>		Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (<i>City and State</i>) MCSO Headquarters - Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$46 million Size: 128,000 SF	Professional Services November 2013	Construction (if applicable) January 2014
<input checked="" type="checkbox"/>		Check if project performed with current firm	
5.	(1) TITLE AND LOCATION (<i>City and State</i>) Maricopa County South Court Tower - Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE 695,000 sf, 16-story courthouse building; highly sustainable energy and water efficient; houses 32 courtroom sets and includes central juror assembly for the entire court campus, secure central underground parking for county court judges, central in-custody holding and vehicular sally port for in-custody transfers, underground connection tunnel to the existing tunnel system and pedestrian bridge connecting the new court tower to the existing central court tower, clerk of the court and office support, and judicial chambers. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$250 million Size: 725,000 SF	Professional Services October 2012	Construction (if applicable) June 2013
<input checked="" type="checkbox"/>		Check if project performed with current firm	



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Tim Rheinschmidt, R.G.	b. ROLE IN THIS CONTRACT Division Manager, Sr. Project Manager, Environmental Services	c. YEARS EXPERIENCE	
		1. TOTAL 34	2. WITH CURRENT FIRM 25
d. LOCATION (<i>City and State</i>) Speedie & Associates, Inc. – Phoenix, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.S., Geology San Jose State University, CA, 1980	f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Geologist – AZ #32166, CA #6292 Certified Remediation Specialist - #34768 EPA Certified, AHERA Asbestos Contractor Supervisor - #F3994		
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) American Society of Civil Engineers (ASCE)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) Marina Heights - Tempe, Arizona	(2) YEAR COMPLETED	
		Professional Services Active	Construction (if applicable) Est. 2017
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Largest mixed-use office development in Arizona History featuring over 2 million square feet space within five multi-story office towers and approximately 8,600 parking spaces. The project sits on 20 acres along the south side of Tempe Town Lake. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$600 million Size: Approximately 2 million SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (<i>City and State</i>) ASU Interdisciplinary Science and Technology Building VI - Tempe, Arizona	(2) YEAR COMPLETED	
		Professional Services November 2015	Construction (if applicable) Est. December 2017
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Project includes a four-story laboratory and classroom building with basement on ASU's Main Campus. Geotechnical investigation provided. Role: Principal-in-Charge Cost: Est. \$84 million Size: Est. 168,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (<i>City and State</i>) University House, Phase II - Tempe, Arizona	(2) YEAR COMPLETED	
		Professional Services July 2015	Construction (if applicable) July 2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE University House Communities has opened the second phase of University House, a 16-story, 148,680-square-foot building with 242 beds near Arizona State University's campus. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: Est. \$18.5 million Size: 127,930 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>) MCSO Headquarters - Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services November 2013	Construction (if applicable) January 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE The five-story headquarters building is 128,000 SF and designed to house up to 300 employees, features underground parking for an additional 75 vehicles. The building also has an updated 911 call center, a data center, new information technology staff, a new computer-aided dispatch system and an upgraded records management system. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$46 million Size: 128,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) Maricopa County South Court Tower - Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services October 2012	Construction (if applicable) June 2013
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE 695,000 sf, 16-story courthouse building; highly sustainable energy and water efficient; houses 32 courtroom sets and includes central juror assembly for the entire court campus, secure central underground parking for county court judges, central in-custody holding and vehicular sally port for in-custody transfers, underground connection tunnel to the existing tunnel system and pedestrian bridge connecting the new court tower to the existing central court tower, clerk of the court and office support, and judicial chambers. Geotechnical investigation, construction materials testing and special inspections provided. Role: Principal-in-Charge Cost: \$250 million Size: 725,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Justin Manchester, CSI/CWI	b. ROLE IN THIS CONTRACT Southern Arizona Regional Manager, Sr. Project Manager/Special Inspector	c. YEARS EXPERIENCE	
		1. TOTAL 43	2. WITH CURRENT FIRM 29
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>		f. PROFESSIONAL TRAINING - REGISTRATIONS ICBO Certified; NICET Certified; ACI Certified	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> ICC Certification- Reinforced Concrete Certificate #0869649-88 ; ICC Certification- Structural Masonry Certificate #0869649-84 ; ICC Certification- Structural Steel& Welding Certificate #0869649-85 ; AWS Certified Welding Inspector Certificate #05060311; AWSI Certified EIFS Inspector, Certificate #800807; ASNT ACCP Level II; American Concrete Institute (ACI) Certified Level I Concrete; NICET Certified Level IV Concrete and Asphalt; Level III, Soils			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Green Valley Hospital – Green Valley, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Two story plus basement, cast in place reinforced concrete structure, incorporating a total of 173,500 SF, including medical offices, a rehabilitation center, four operating rooms, labs, 26 in-patient rooms, six-bed ICU, and an elevated helipad on an approximate six-acre site. Project also includes additional five future medical office buildings. Geotechnical investigation, construction materials testing and special inspections provided. Role: Sr. Project Manager/Special Inspector Cost: Est. \$72 million Size: 173,500 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	University of Arizona South Stadium Parking Structure - Tucson, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This \$14.5 million design-build project consists of a multi-level parking structure to accommodate approximately 900 vehicles. The new garage was constructed with slab on grade and four levels above grade. Construction was precast concrete with spread footings or caisson foundations with the first level at grade. Geotechnical investigation provided. Role: Sr. Project Manager Cost: Est. \$14.5 million Size: 900 spaces	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	One East Broadway - Tucson, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This recently completed project consisted of a multi-story, 134,000 SF mid-rise building constructed of reinforced concrete, post-tensioned elevated deck slabs, and exterior masonry walls, including final EIFS system. This mixed-use facility includes 26,434 SF of office space, 4,115 SF of retail space, 36 apartment units and a 119-space parking garage. Geotechnical investigation, construction materials testing and special inspections provided. Role: Sr. Project Manager/Special Inspector Cost: Est. \$18 million Size: 134,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Tucson Premium Outlets - Tucson, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New retail shopping center to be constructed on Parcel 7, a 46.5-acre parcel that is part of the retail center. Buildings are concrete tilt panels with steel roof framing - 9 buildings total with approximately 650,000 SF of under roof shopping space. Geotechnical investigation, construction materials testing and special inspections provided. Role: Sr. Project Manager/Special Inspector Cost: \$90 million Size: 650,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	The Hub at First, Ph II - Tucson, Arizona	2013/14	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 13-story mixed-use residential building. The bottom two levels will consist of retail along Tyndall and two levels of parking throughout the remainder of the property. The building will be slab on grade. Geotechnical investigation provided. Role: Sr. Project Manager/Special Inspector Cost: N/A Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Lyle Tweet, P.E.	b. ROLE IN THIS CONTRACT Southern Arizona Regional Geotechnical Manager	c. YEARS EXPERIENCE	
		1. TOTAL 47	2. WITH CURRENT FIRM 2
d. LOCATION (<i>City and State</i>) Speedie & Associates, Inc. – Tucson, Arizona			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.S., Civil Engineering, University of California, Berkeley, 1966 M.S., Geotechnical Engineering, Arizona State University, 1974		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #9674	
g. OTHER PROFESSIONAL QUALIFICATIONS (<i>Organizations, Awards, etc.</i>) Association of Firms Practicing in the Geosciences (ASFE); American Council of Independent Laboratories (ACIL)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) Green Valley Hospital – Green Valley, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Two story plus basement, cast in place reinforced concrete structure, incorporating a total of 173,500 SF, including medical offices, a rehabilitation center, four operating rooms, labs, 26 in-patient rooms, six-bed ICU, and an elevated helipad on an approximate six-acre site. Project also includes additional five future medical office buildings. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Manager Cost: Est. \$72 million Size: 173,500 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (<i>City and State</i>) Tucson Premium Outlets - Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE New retail shopping center to be constructed on Parcel 7, a 46.5-acre parcel that is part of the retail center. Buildings are concrete tilt panels with steel roof framing - 9 buildings total with approximately 650,000 SF of under roof shopping space. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Manager Cost: \$90 million Size: 650,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (<i>City and State</i>) Fort Huachuca Miscellaneous Infrastructure Projects - Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Role: Project Manager Cost: N/A Size: Various	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (<i>City and State</i>) Tucson Residence Inn by Marriott – Main Gate Square - Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE The 14-story Tucson Residence Inn by Marriott Hotel will be located on the corner of 2nd Street and Tyndall Ave in Tucson, Arizona. The site is located in Main Gate Square, a pedestrian-friendly dining and shopping destination featuring over 20 retailers and 30 restaurants near the University of Arizona and Tucson's historic neighborhoods. Geotechnical investigation provided. Role: Project Manager Cost: N/A Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (<i>City and State</i>) Swan Industrial Park - Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2007	Construction (if applicable) 2008
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Principal Engineer for geotechnical engineering and materials testing for new 10-lot warehouse development. Role: Principal Engineer Cost: N/A Size: N/A	<input type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Ken Karaba, R.G.	b. ROLE IN THIS CONTRACT Southern Arizona Regional Geotechnical Manager	c. YEARS EXPERIENCE	
		1. TOTAL 37	2. WITH CURRENT FIRM 2
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Geology, University of Wisconsin - Superior		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Geologist – AZ #25062	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Green Valley Hospital – Green Valley, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Two story plus basement, cast in place reinforced concrete structure, incorporating a total of 173,500 SF, including medical offices, a rehabilitation center, four operating rooms, labs, 26 in-patient rooms, six-bed ICU, and an elevated helipad on an approximate six-acre site. Project also includes additional five future medical office buildings. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Engineer Cost: Est. \$72 million Size: 173,500 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Tucson Premium Outlets - Tucson, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New retail shopping center to be constructed on Parcel 7, a 46.5-acre parcel that is part of the retail center. Buildings are concrete tilt panels with steel roof framing - 9 buildings total with approximately 650,000 SF of under roof shopping space. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Engineer Cost: \$90 million Size: 650,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Fort Huachuca Miscellaneous Infrastructure Projects - Tucson, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Role: Project Engineer Cost: N/A Size: Various	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Tucson Residence Inn by Marriott – Main Gate Square - Tucson, Arizona	2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The 14-story Tucson Residence Inn by Marriott Hotel will be located on the corner of 2nd Street and Tyndall Ave in Tucson, Arizona. The site is located in Main Gate Square, a pedestrian-friendly dining and shopping destination featuring over 20 retailers and 30 restaurants near the University of Arizona and Tucson's historic neighborhoods. Geotechnical investigation provided. Role: Project Engineer Cost: N/A Size: N/A	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Diamond Mountain Community Building - Bowie, Arizona	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New community building. Construction Materials Testing and inspection provided. Role: Project Engineer Cost: N/A Size: 5,962 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Clay Spencer, R.G.	b. ROLE IN THIS CONTRACT Northern Arizona Regional Manager, Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 28
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Flagstaff, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Earth Science Emporia State University, KS, 1986		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Geologist – AZ #50535	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Nat. Highway Inst. Geotech. Foundation Engineering, Rock Slopes, 16 hrs; Rockfall Hazard-Mitigation Methods, 8hrs, Rating System, 16 hrs; Rock Blasting and Overbreak Control, 24 hrs; Hazardous Waste Site Activities Safety Course, 40 hrs (OSHA29CFR 1910.120); A.C.I. Certified, Field Testing Technician Radiation Safety Course, 8 hrs; Troxler Course, 8 hrs			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	City of Flagstaff, A&E On-call Professional Services – Flagstaff, Arizona	2011 - 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Various geotechnical projects for the City of Flagstaff including: Flagstaff Rec Center Tennis Court Reconstruction, Wildcat Hill WWTP Pump Station, Leroux Utility and Pavement Placement, Bushmaster Park Booster Pump Station, Mountain View Utilities Upgrade, Cinder Lake Landfill South Borrow Pit. Served as prime directly contract by the City. Role: Project Manager Cost: Range \$2,600 - \$24,000 Size: Various <input checked="" type="checkbox"/> Check if project performed with current firm		
2.	Innovation Mesa Business Accelerator - Flagstaff, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Phase I of a three-phase project for the Innovation Mesa Campus. Phase I involved the design and construction of a 25,000 SF single-story, masonry and steel facility housing office space, wet and dry laboratory space, light manufacturing areas, and a secondary Emergency Operations Center (EOC). Site developed included LID basins, sewer lift station, and associate infrastructure including parking and sidewalks. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: \$8.2 million Size: 25,000 SF <input checked="" type="checkbox"/> Check if project performed with current firm		
3.	Northern Arizona University Student and Academic Services Building - Flagstaff, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New 80,000 SF academic building that will include a One Stop Students Service Center, Undergraduate Admissions Center, an auditorium, mathematics computer lab, classrooms, department offices, faculty offices, conference rooms, restrooms, circulation, support facilities, and interior mechanical spaces. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Manager Cost: Est. \$34 million Size: 84,000 SF <input checked="" type="checkbox"/> Check if project performed with current firm		
4.	The Trax Phase I - Flagstaff, Arizona	2013; 2014; Active	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The first phase incorporates about five acres west of Fourth Street and Route 66 with the two major retail buildings, convenience store, care wash, three eateries and 7,000 SF for individual shops. About 50,000 SF in retail space is also planned as part of this phase. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: N/A Size: 57,000 SF <input checked="" type="checkbox"/> Check if project performed with current firm		
5.	Northern Arizona University, International Student Pavilion – Flagstaff, Arizona	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new two-story, 9800 SF building, for international students is a central gathering and learning space featuring an auditorium, class rooms, activity room, community and catering kitchens, offices and open meeting areas. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: \$4.3 million Size: 9,800 SF <input checked="" type="checkbox"/> Check if project performed with current firm		



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

a. NAME Adam Arp-Romero, P.E.	b. ROLE IN THIS CONTRACT Project Manager, Geotechnical Services	c. YEARS EXPERIENCE	
		1. TOTAL 9	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Speedie & Associates, Inc. – Flagstaff, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Civil Engineering University of Arizona, 2006		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer (Civil) – AZ #52297	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> I.C.C. Certified, Structural Steel & Bolting; I.C.C. Structural Welding; A.T.T.I. Certified, Field Technician; A.C.I. Certified, Field Testing Technician; Nuclear Radiation Safety Engineering Course, Certified			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	City of Flagstaff, A&E On-call Professional Services – Flagstaff, Arizona	2011 - 2015	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Various geotechnical projects for the City of Flagstaff including: Flagstaff Rec Center Tennis Court Reconstruction, Wildcat Hill WWTP Pump Station, Leroux Utility and Pavement Placement, Bushmaster Park Booster Pump Station, Mountain View Utilities Upgrade, Cinder Lake Landfill South Borrow Pit. Served as prime directly contract by the City. Role: Project Manager Cost: Range \$2,600 - \$24,000 Size: Various	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Innovation Mesa Business Accelerator - Flagstaff, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Phase I of a three-phase project for the Innovation Mesa Campus. Phase I involved the design and construction of a 25,000 SF single-story, masonry and steel facility housing office space, wet and dry laboratory space, light manufacturing areas, and a secondary Emergency Operations Center (EOC). Site developed included LID basins, sewer lift station, and associate infrastructure including parking and sidewalks. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: \$8.2 million Size: 25,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Northern Arizona University Student and Academic Services Building - Flagstaff, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New 80,000 SF academic building that will include a One Stop Students Service Center, Undergraduate Admissions Center, an auditorium, mathematics computer lab, classrooms, department offices, faculty offices, conference rooms, restrooms, circulation, support facilities, and interior mechanical spaces. Geotechnical investigation, construction materials testing and special inspections provided. Role: Project Manager Cost: Est. \$34 million Size: 84,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	The Trax Phase I - Flagstaff, Arizona	2013; 2014; Active	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The first phase incorporates about five acres west of Fourth Street and Route 66 with the two major retail buildings, convenience store, care wash, three eateries and 7,000 SF for individual shops. About 50,000 SF in retail space is also planned as part of this phase. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: N/A Size: 57,000 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Northern Arizona University, International Student Pavilion – Flagstaff, Arizona	2014	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new two-story, 9800 SF building, for international students is a central gathering and learning space featuring an auditorium, class rooms, activity room, community and catering kitchens, offices and open meeting areas. Geotechnical investigation, construction materials testing provided. Role: Project Manager Cost: \$4.3 million Size: 9,800 SF	<input checked="" type="checkbox"/>	Check if project performed with current firm



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Active	CONSTRUCTION <i>(If applicable)</i> 2017

MARINA HEIGHTS – TEMPE, ARIZONA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Ryan Companies	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT N/A	e. TOTAL COST OF PROJECT Est. \$600 million
---	---	---

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

Speedie & Associates, Inc. (S&A) has extensive history on the site chosen by State Farm to relocate their corporate headquarters. S&A was originally contracted by a different developer in 2007 to perform soils investigations and recommendations for a potentially difficult site along the Salt River, a site that borders what is now Tempe Town Lake. Plans were for a large mixed-use development with office, retail, parking and residential. The project was tabled at the onset of the recession. Then, in 2013, S&A was contracted by Ryan Companies for geotechnical services and an update to the site for the new primary client – State Farm as part of the Marina Heights development in Tempe, Arizona.

Size: 2 million SF

Duration: 2013 -2017

Cost: \$600 million

Owner: State Farm

Architect: DAVIS

Contractor: Ryan Companies

What is now known as the largest office development in Arizona history, the design-build team of Ryan Companies and DAVIS, in collaboration with Sunbelt Holdings, has produced a "LEED Silver" design concept that covers an area of approximately 20 acres. This 2 million square feet project includes five office towers of varying heights, three to four stand-alone retail buildings, and two below grade parking garage levels. A large mid-western insurance company will lease approximately 1.9 million square feet in the development.

S&A Team: Gregg Creaser, Brett Creaser, Don Cornelison, Brian Lingnau, Ken Euge, Brian Evraets

Construction costs are estimated at \$600 million. Retail amenities, approximately 40,000 square feet, will complement the transit-oriented development and includes food service, coffee shops, restaurants, business services, and fitness facilities. The site will also feature an approximately 10-acre lakeside plaza, which will be open to the public. In addition, the project will include 8,600 parking spaces.

S&A has also been contracted to perform construction materials testing and special inspections during the construction phase of the project. The project is on-schedule and construction is anticipated to be complete in the fall of 2017.





ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015

INNOVATION MESA BUSINESS ACCELERATOR AND EOC – FLAGSTAFF, ARIZONA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Flagstaff	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Est. \$8,262,500	e. TOTAL COST OF PROJECT N/A
--	---	--

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

Speedie & Associates was contracted by the design team, APMI, to provide both geotechnical investigation and construction materials testing. This was Phase I of a three-phase project for the Innovation Mesa Campus. Phase I involved the design and construction of a 25,000 SF single-story, masonry and steel facility housing office space, wet and dry laboratory space, light manufacturing areas, and a secondary Emergency Operations Center (EOC). Project was design to meet LEED Silver requirements. Site developed included LID basins, sewer lift station, and associate infrastructure including parking and sidewalks. The project will encompass 75,000 SF upon build-out.

Size: Phase I – 25,000 SF

Duration: 2013 - 2015

Total Project Cost: Est. \$8,262,500
Construction Cost: Est. \$5.9 million

Owner: City of Flagstaff

Architect: APMI, Inc.

Contractor: Kinney Construction

Value Added: Multiple options were provided to the design team to evaluate. Although our preference was to remove the fill from under the building and new pavement areas, we recognized the cost impact. We offered the team recommendations that would reduce cost impact in terms of foundation and fill options.

S&A Team: Clay Spencer, Adam Arp-Romero, Shawn Huffman, Weston Powell, Gregg Creaser, Brett Creaser, Don Cornelison

Key Issues: Variable subsoil conditions and deterioration of parts of existing parking lot. Field and laboratory testing deemed the site not suitable for the support of the proposed structure as designed. Shallow spread footings and would require significant remedial earthwork. The same concern is valid for slab-on-grade performance. Our recommendation was to support all foundation loads on the underlying basalt bedrock. Perched water was also a concern. We recommended pumping the water from the foundation excavations.





ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

MARICOPA COUNTY SOUTH COURT TOWER – PHOENIX, ARIZONA

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Maricopa County	N/A	\$340 million

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

The extensive project resulted in a new 695,000 SF, 16-story courthouse building; highly sustainable energy and water efficient; houses 32 courtroom sets and includes central juror assembly for the entire court campus, secure central underground parking for county court judges, central in-custody holding and vehicular sally port for in-custody transfers, underground connection tunnel to the existing tunnel system and pedestrian bridge connecting the new court tower to the existing central court tower, clerk of the court and office support, and judicial chambers.

Speedie & Associates, Inc. was contracted to provide geotechnical investigation on the site as well as CMT and Special Structural and Architectural Inspection including Structural Steel and Welding, Steel Framing Fireproofing and Fire Stopping, Water Proofing, Roofing and Curtain Wall installation.

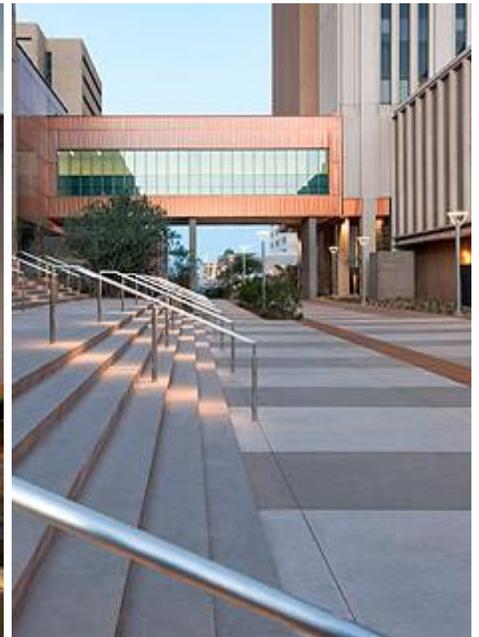
Size: 395,000 SF

Duration: 2008 - 2013

Total Project Cost: \$340 million
Construction Cost: \$250 million

Owner: Maricopa County
Architect: Gould Evans/AECOM
Contractor: Ryan/Gilbane

S&A Team: Gregg Creaser, Brett Creaser, Don Cornelison, Jason Wells, Todd Phelps, Neil Gustafson, Martin Dominguez, John Wells, Sean Hashagen





ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

BROADWAY COORIDOR STUDY – PHOENIX, ARIZONA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Phoenix	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$18,000 (S&A)	e. TOTAL COST OF PROJECT N/A
--	---	--

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

Speedie & Associates was retained by the City of Phoenix (COP) Public Works Department to perform a Phase I Environmental Site Assessment (ESA) for the Avenida Rio Salado – Broadway Road – 19th Avenue to 23rd Avenue Project, which consisted of Right-of-Ways (ROWs), Temporary Construction Easements (TCEs), and Fee Title Encumbered (FTE) Areas located along the north and south sides of Broadway Road from 17th Avenue to 19th Avenue in Phoenix, Maricopa County, Arizona (Property). The subject Property is located within 16 Maricopa County Assessor's Parcel Numbers (APN), as shown below. The Phase I ESA included a site reconnaissance, records review, interviews, and report of the findings.

Size: N/A

Duration: 2012 - 2014

Total Project Cost: N/A

Construction Cost: N/A

Owner: City of Phoenix

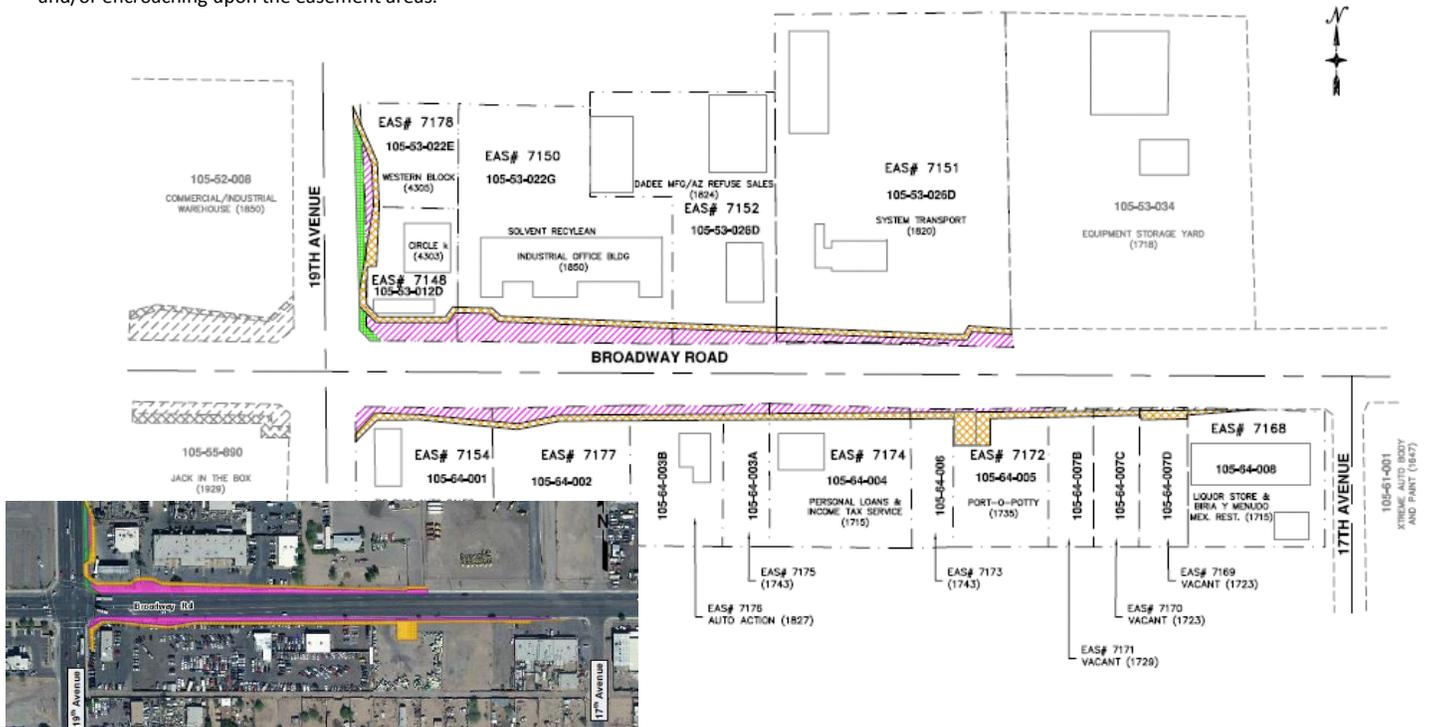
Architect: N/A

Contractor: N/A

S&A Team: Tim Rheinschmidt, Connie Jiron, Joel DuBose

The project included four partial-take right-of-ways, temporary construction easements, and fee title encumbered areas on 15 parcels located along the north and south sides of Broadway Road from 17th Avenue to 19th Avenue for the Avenida Rio Salado – Broadway Road widening project. The scope of work included Phase I and II ESAs, a Phase I ESA Update, and a search of archaeological sites within the project area from the City of Phoenix Archaeology Section of the Pueblo Grande Museum.

Based on the findings of the Phase I ESA, recognized environmental conditions were identified on three (3) of the parcels that included former USTs that were previously contained gasoline service stations in the 1950s and a port-o-potty storage facility. The Phase II investigation included a geophysical survey, advancing hand auger borings, and site sampling and testing activities at the three (3) locations of potential environmental concerns associated with the former USTs that were historically identified on the parcels and/or encroaching upon the easement areas.





ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i> 2015

GREEN VALLEY HOSPITAL – GREEN VALLEY, ARIZONA

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
McDowell Enterprises (Developer) Green Valley Hospital LLC (Operator)	N/A	\$72 million

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

Project details about the \$72 million project include a two-story plus basement, cast in place reinforced concrete structure, incorporating a total of 180,000 SF. The recently complete first phase of the hospital features a 49-bed general acute care hospital. The site at build-out will include five additional medication office buildings, a rehabilitation center, and an elevated helipad on the 21.5-acre site.

Speedie & Associates provided geotechnical analysis and foundation design (Lyle Tweet & Ken Karaba), including field density testing of all associated subgrade, aggregate base course, and retaining wall backfill. Monitoring and testing of all structural concrete and sidewalks, PCCP, curb & gutter, and asphaltic concrete for the entire building structure and all associated site access roadways and parking lots. Special structural inspections performed on all reinforced concrete decks, roof structure, and slab on grade; including foundation bearing conditions review, masonry, retaining wall construction, field welding, and high strength bolting, and epoxy/ wedge anchor bolt installation.

Size: 180,000 SF

Duration: 2013 - 2015

Total Project Cost: \$72 million
Construction Cost: \$72 million

Owner: McDowell Enterprises
Architect: Swaim
Contractor: Okland

S&A Team: Justin Manchester, Dugan Hoeflinger, Lyle Tweet, Ken Karaba, James Bedford, Brett Creaser, Gregg Creaser, Don Cornelison





ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

6. ADDITIONAL INFORMATION

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

Speedie & Associates, Inc. is a consulting engineering firm specializing in geotechnical and environmental engineering as well as construction monitoring and materials testing. Our firm has extensive experience in Arizona and the Southwest and has operated in Phoenix since 1980. Speedie's main office and laboratory facility is based in Phoenix, Arizona and we currently operate branch facilities in Tucson and Flagstaff, Arizona. Each of our offices are fully staffed and equipped to provide the following services:

- Geotechnical Investigations and Site Development Reports
- Construction Monitoring and Materials Testing
- Special Structural and Architectural Inspection
- Floor Surface Analysis
- Roofing Inspection
- Environmental Engineering and Site Assessments
- Forensic Analyses of Problem Sites
- Asbestos Inspections, Management Plans and Abatement Oversight
- Ground Penetrating Radar for Concrete and Masonry Scanning

Speedie & Associates provides innovative consulting engineering services for a broad range of markets in both the public and private sectors. From major highway and aviation projects to small retail pad buildings, our experienced staff can provide specific technical expertise to address the unique concerns and issues of each individual client and/or project. Speedie & Associates and members of our multi-disciplined staff offer their specialized experience to the following market sectors:

- Commercial Development – Office, Retail, Light and Heavy Industrial/Distribution, Multi-family/Condominium, Resorts/Hotels and Healthcare
- Public Sector - Municipalities, County Agencies, State Agencies and Federal Agencies
- Education - K-12 and Colleges/Universities
- Transportation – Airport, Roadways/Highways and Light Rail
- Mining
- Water/Wastewater/Treatment Plants
- Power Generation/Solar/Alternative Energy
- Pipelines/Transmission Lines
- Recreational Facilities/Parks

Speedie & Associates is known for working with owners and design teams to provide sound, economical solutions. Our size and experienced staff allows us to commit quality individuals and resources to any project in a timely and cost efficient manner. At the present time we have a shared statewide staff of 119 including 11 professional engineers and geologists. Our field and laboratory staff of over 63 technicians and inspectors participate in certification programs administered by the Arizona Technical Testing Institute (**ATTI**) and the American Concrete Institute (**ACI**). Additionally, the International Code Council (**ICC**), Association of the Wall & Ceiling Industry (**AWCI**), American Welding Society (**AWS**) and (**RCI**) formerly known as the Roofing Consultants Industry certifies our special inspectors.

To support our geotechnical/testing functions, our Phoenix laboratory has been inspected by the Cement and Concrete Reference Laboratory (**CCRL**), the AASHTO Materials Reference Laboratory (**AMRL**) and the Arizona Department of Transportation (**ADOT**) where we also participate in their reference sample and quality assurance programs. We have also been inspected and approved by the U.S. Army Corps of Engineers. Furthermore, we have been inspected and approved by the City of Phoenix with which we have a current testing contract and are approved by the City of Phoenix for conducting testing services within the right of way. Finally, Speedie & Associates maintains an internal quality control program to ensure that all test results generated by our branch laboratory/offices are accurate and within specified parameters.

Speedie & Associates' construction materials testing and inspection department is fully equipped to monitor all phases of construction. Communications are enhanced by means of the latest technology to provide timely reporting of site activities. Portable on-site laboratory trailers are also available for those projects that warrant a dedicated facility.

Speedie & Associates' environmental staff has completed over 3,500 site assessments (Phases I, II and III) statewide ranging in scope from reconnaissance-level characterization to comprehensive detailed studies involving facility audits, subsurface explorations and sampling, asbestos surveys and remediation planning and monitoring. Staff members are very familiar with environmental regulations and the application of EPA analytical test requirements, ADEQ field investigation and remediation requirements and procedures.

ORGANIZATION:

Date of Incorporation: 1980
 State of Incorporation: Arizona
 President/CEO: Gregg A. Creaser, P.E., R.L.S. (Principal Geotechnical/Environmental Division)
 Sr. VP/CFO/Secretary/Treasurer: Brett P. Creaser, P.E. (Principal CMT Field Services Division)
 Vice-President: Donald L. Cornelison, P.E. (Principal Laboratory Division)
 Regional Manager: Lyle M. Tweet, P.E. (Geotechnical – Southern Arizona)
 Division/Branch Managers: Timothy Rheinschmidt, R.G. (Environmental Division)
 Jason C. Wells, P.E. (CMT Field Services Division)
 Clay Spencer, R.G. (Northern Arizona Branch Office)
 Justin Manchester (Southern Arizona Branch Office)



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

Corporate office:	Northern Arizona Branch:	Southern Arizona Branch:
3331 E. Wood St.	4025 E. Huntington Dr., #140	3125 E. 47 th St.
Phoenix, AZ 85040	Flagstaff, AZ 86004	Tucson, AZ 85713
602.997.6391 phone	928.526.6681 phone	520.514.9411 phone
602.943.5508 fax	928.526.6685 fax	520.514.9474 fax
President: Gregg A. Creaser, P.E.	Branch Manager: Clay Spencer, R.G.	Branch Manager: Justin Manchester

REGISTRATIONS:

We have current registrations for Professional Engineers in five states in addition to Arizona: California, Nevada, New Mexico, Utah, and Colorado.

PROFESSIONAL ORGANIZATIONS:

We actively participate in the following professional organizations: American Society of Civil Engineers (**ASCE**), American Consulting Engineers Council (**ACEC**), American Concrete Institute (**ACI**), International Code Council (**ICC**), Arizona Rock Products Association (**ARPA**), American Welding Society (**AWS**), American Society of Testing Materials (**ASTM**), Arizona Consulting Engineers Association (**ACEA**), Geological Society of America (**GSA**), National Society of Professional Engineers (**NSPE**), American Public Works Association (**APWA**) and American Society of Highway Engineers (**ASHE**).

STAFF CONTINUING EDUCATION:

Speedie & Associates routinely sends staff to continuing education classes. Key personnel are also being sent to the Arizona Consulting Engineers Association Leadership in Engineering Administration Program (**LEAP**). Field technicians receive mentoring by engineers/senior technicians and are routinely encouraged to obtain **ATTI** and/or **ACI** certifications.

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:	18%
b.	Percentage of Total Work Attributable to Non-Government Work:	82%

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

Signature: 

Date: 12/21/15

Name: Brett P. Creaser, P.E.

Title: Sr. Vice President/CFO