

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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

1. REVISED ADSPO13-00003465: Annual Request for Qualifications

a.	FIRM (OR BRANCH OFFICE) NAME:	WIDGET CREEK ENGINEERS
b.	FIRM (OR BRANCH OFFICE) STREET:	33309 GOLD NUGGET LN
c.	FIRM (OR BRANCH OFFICE) CITY:	WICKENBURG
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85390
f.	YEAR ESTABLISHED:2012	
(g1).	OWNERSHIP - TYPE:	LLC
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	YES
h.	POINT OF CONTACT NAME AND TITLE:	CAROLINA BAERTSCH, OWNER
i.	POINT OF CONTACT TELEPHONE NUMBER:	480-252-5295
j.	POINT OF CONTACT E-MAIL ADDRESS:	CABAER@GMAIL.COM
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
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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	S	1	
Construction Manager	S	1	
Construction Inspector	P	1	
Hydraulic Engineer	S	1	
Project Manager	P	1	
Sanitary Engineer	P	1	
Technician/Analyst	S	1	
Water Resources Engineer	P	1	
Total		4	

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
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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)
0	Area Master Planning	
2	Codes, Standards, Ordinances	1
1	Construction Management	1
1	Cost Estimating	1
0	Energy/Water Auditing Savings	
0	Irrigation/Drainage	
0	Pipelines	
1	Piping Design	1
3	Sewage Collection & Treatment	1
0	Storm Water	
0	Water Resources	
1	Water Supply, Treatment, Distribution	1
0	Zoning, Land Use Study	

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 Carolina Baertsch	b. ROLE IN THIS CONTRACT Owner/Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 8	2. WITH CURRENT FIRM 1
c. FIRM NAME AND LOCATION (City and State) Widget Creek Engineers, Wickenburg, AZ			
d. EDUCATION (DEGREE AND SPECIALIZATION) Masters in Civil/Environmental Engineering		e. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) AZ 49826, Civil Engineer	
f. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED AP, Publication in Applied and Environmental Microbiology, Member of NCEES Civil Engineering Exam Committee, Member of AZ Water			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) City of Phoenix Digester 11 Cover Replacement, 91st Avenue Treatment Plant. Design (City of Phoenix, AZ)	(2) Year Completed: 2013	
		Professional Services: Design	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 Project Manager/Design Engineer: Designed the replacement steel cover on Digester No. 11 at the 91 st Avenue Wastewater Treatment Plant. The project included design drawings and specifications for a new 90-ft. diameter cover, including an elastomeric coated insulated roofing system and a new radar level transmitter. Preliminary design included field verification work and identification of existing equipment to be transferred to the top of the new cover. Contract Cost: \$40,000. Construction Cost: \$1,150,000		
2)	(1) TITLE AND LOCATION (City and State) City of Phoenix Digester 11 Cover Replacement, 91st Avenue Treatment Plant. Construction Administration (City of Phoenix, AZ)	(2) Year Completed: Ongoing	
		Professional Services: Construction Administration	Construction (if applicable): Yes
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Manager responsible for construction administration services, and post-construction services to replace the steel cover on Digester No. 11 at the 91st Avenue Wastewater Treatment Plant including interior surface coating and launder repairs. Contract Cost: \$52,000.		
3)	(1) TITLE AND LOCATION (City and State) Meadow Hills Lift Station Improvements Study, Nogales, AZ	(2) Year Completed: 2013	
		Professional Services: Study	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 Project Manager/Project Engineer. The lift station experienced frequent issues with pump failures. An extensive on-site visit was conducted. Possible factors contributing to the pump failures were studied and modifications to resolve these issues at the existing lift station were recommended in a report to the City. Recommendations included changes to electrical supply, wet well equipment, alarm system, and other facility areas where additional problems were found. Contract Cost: \$2,000		
4)	(1) TITLE AND LOCATION (City and State) City of Phoenix Digester 10 Cover Replacement, 91st Avenue Treatment Plant. Design (City of Phoenix, AZ)	(2) Year Completed ongoing	
		Professional Services: Design	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 Project Manager/Design Engineer: Designed the replacement steel cover on Digester No. 10 at the 91 st Avenue Wastewater Treatment Plant. The project included design drawings and specifications for a new 90-ft. diameter cover, including an elastomeric coated insulated roofing system and a new radar level transmitter. Preliminary design included field verification work and identification of existing equipment to be transferred to the top of the new cover. Contract Cost: \$40,000. Construction Cost: \$1,150,000		
5)	(1) TITLE AND LOCATION (City and State) City of Phoenix Digester 9 Cover Replacement, 91st Avenue Treatment Plant. Construction Administration (City of Phoenix, AZ)	(2) Year Completed: 2013	
		Professional Services: Construction Administration	Construction (if applicable): Yes

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
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(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Engineer responsible for construction administration services, and post-construction services to replace the steel cover on Digester No. 9 at the 91st Avenue Wastewater Treatment Plant including interior surface coating and launder repairs. Contract Cost: \$52,000.	<input type="checkbox"/> Check if project performed with current firm
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a. NAME Fred E. Goldman	b. ROLE IN THIS CONTRACT Consulting Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 40	2. WITH CURRENT FIRM 1
c. FIRM NAME AND LOCATION (<i>City and State</i>) Widget Creek Engineers, Wickenburg, AZ			
d. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) Ph.D. in Civil Engineering		e. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>) Professional Civil Engineer, Arizona and California; Arizona State Board of Technical Registration Enforcement Committee; Registered Land Surveyor, Arizona	
f. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Affiliations: NCEES Civil Engineering Exam Committee, American Society of Civil Engineers National Society of Professional Engineers (Past President of Central Chapter, Arizona Society of Professional Engineers), Water Environmental Federation Arizona, Water and Pollution Control Federation, Rotary International, American Water Works Association; Multiple Publications Awards: Grand Award – American Council of Engineering Companies of Arizona: 16th Street Pervious Pavement Project, 2008. Grand Award - American Council of Engineering Companies of Arizona: Arrowhead Effluent Recharge Project, 2002 Arizona Society of Professional Engineers Outstanding Engineering Project: Pinnacle Peak Sewer and Tunnel Project City of Phoenix, 1990 Arizona Society of Professional Engineers Water Policy Award: In recognition for contributions to the water policy for Maricopa County, 1983 Arizona Society of Professional Engineers Outstanding Engineering Project: Coordination Chandler Effluent Reuse Project, 1982 Professional Committee Work: Maricopa County Swimming Pool Advisory Committee Dr. Goldman is an Adjunct Faculty Member at Arizona State University			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (<i>City and State</i>) City of Tolleson Discharge Study and Permitting Assistance	(2) Year Completed: ongoing	
		Professional Services: Study, permitting assistance	Construction (<i>if applicable</i>)
1)	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WCE is completing a study using equipotentials and streamlines to calculate the seepage pattern of discharge as it disperses in the soil zone from the pond bottom of wetlands or the canal. This approach will provide convincing evidence to the permitting authority that the intermittent discharges by Tolleson will not adversely affect the groundwater water quality in the vicinity of the discharge. Dr. Goldman is the project engineer completing the study with calculations. \$10,000 Contract.		
	(1) TITLE AND LOCATION (<i>City and State</i>) Consulting Services for a Waste Treatment, Storage, and Disposal Facility, Coolidge, AZ	(2) Year Completed: 2013	
		Professional Services: Consultation	Construction (<i>if applicable</i>)
2)	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A Hazardous Waste Treatment, Storage and Disposal Facility in Arizona hired WCE to aid in completing a lengthy and complicated permit renewal process. The facility had been trying to renew their permit for a number of years. WCE was able to suggest a new approach with several changes to the existing efforts that ultimately allowed the client to renew their permit. The facility typically receives wastes via commercial hazardous waste transporters. Solid hazardous wastes are received in roll-off bins, drums, pails, and other miscellaneous-sized containers meeting Department of Transportation (DOT) standards. Liquid hazardous wastes are received in drums, pails, totes, miscellaneous-sized containers meeting DOT standards, and tanker trucks. Dr. Goldman Was the Project Engineer consulting with the client to help with the permitting process. \$18,200.		

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a. NAME Ron Frey	b. ROLE IN THIS CONTRACT Permitting/Client Service Manager	c. YEARS EXPERIENCE	
		1. TOTAL 40	2. WITH CURRENT FIRM 1
c. FIRM NAME AND LOCATION (<i>City and State</i>) Widget Creek Engineers, Wickenburg, AZ			
d. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.A., Education, University of Northern Colorado		e. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>)	
OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Managed the Wastewater Facility Planning Program for the federally funded construction grants program in AZ. Air Quality Program and Water Quality Programs at the Arizona Department of Health Services. Project Manager for evaluating and approving innovative and alternative wastewater technologies for the State of Arizona. Managed the ADEQ Wastewater Compliance Section Specialized in Aquifer Protection Permits (APP), Arizona Pollution Discharge Elimination System (AZPDES), Air Quality Permitting, 208 Plan Amendments, Recharge Permitting, Reuse/Reclamation Permitting Life Long Member of Water Environment Federation, Life Long Member of AZ Water			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (<i>City and State</i>) City of Tolleson Discharge Study and Permitting Assistance	(2) Year Completed: ongoing	
		Professional Services: Study, permitting assistance	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WCE is completing a study using equipotentials and streamlines to calculate the seepage pattern of discharge as it disperses in the soil zone from the pond bottom of wetlands or the canal. This approach will provide convincing evidence to the permitting authority that the intermittent discharges by Tolleson will not adversely affect the groundwater water quality in the vicinity of the discharge. Ron Frey is the client services manager and permitting specialist on this project.		
2)	(1) TITLE AND LOCATION (<i>City and State</i>) Consulting Services for a Waste Treatment, Storage, and Disposal Facility, Coolidge, AZ	(2) Year Completed: 2013	
		Professional Services: Consultation	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A Hazardous Waste Treatment, Storage and Disposal Facility in Arizona hired WCE to aid in completing a lengthy and complicated permit renewal process. The facility had been trying to renew their permit for a number of years. WCE was able to suggest a new approach with several changes to the existing efforts that ultimately allowed the client to renew their permit. The facility typically receives wastes via commercial hazardous waste transporters. Solid hazardous wastes are received in roll-off bins, drums, pails, and other miscellaneous-sized containers meeting Department of Transportation (DOT) standards. Liquid hazardous wastes are received in drums, pails, totes, miscellaneous-sized containers meeting DOT standards, and tanker trucks. Ron Frey was the permitting specialist for this project.		
3)	(1) TITLE AND LOCATION (<i>City and State</i>) City of Phoenix Digester 11 Cover Replacement, 91st Avenue Treatment Plant. Design (City of Phoenix, AZ)	(2) Year Completed: 2013	
		Professional Services: Design	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Client Services Manager:</i> Designed the replacement steel cover on Digester No. 11 at the 91 st Avenue Wastewater Treatment Plant. The project included design drawings and specifications for a new 90-ft. diameter cover, including an elastomeric coated insulated roofing system and a new radar level transmitter. Preliminary design included field verification work and identification of existing equipment to be transferred to the top of the new cover. Contract Cost: \$40,000. Construction Cost: \$1,150,000		
4)	(1) TITLE AND LOCATION (<i>City and State</i>) City of Phoenix Digester 11 Cover Replacement, 91st Avenue Treatment Plant. Construction Administration (City of Phoenix, AZ)	(2) Year Completed: Ongoing	
		Professional Services: Construction Administration	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <i>Client Services Manager and On-Site Safety Representative.</i> WCE provides construction administration services, and post-construction services to replace the steel cover on Digester No. 11 at the 91st Avenue Wastewater Treatment Plant including interior surface coating and launder repairs. Contract Cost: \$52,000.		
5)	(1) TITLE AND LOCATION (<i>City and State</i>) Meadow Hills Lift Station Improvements Study, Nogales, AZ	(2) Year Completed: 2013	
		Professional Services: Study	

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Client Services Manager. The lift station experienced frequent issues with pump failures. An extensive on-site visit was conducted. Possible factors contributing to the pump failures were studied and modifications to resolve these issues at the existing lift station were recommended in a report to the City. Recommendations included changes to electrical supply, wet well equipment, alarm system, and other facility areas where additional problems were found. Contract Cost: \$2,000	<input checked="" type="checkbox"/> Check if project performed with current firm
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a. NAME Jerry Miller	b. ROLE IN THIS CONTRACT Construction Inspection/Administration	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 1
c. FIRM NAME AND LOCATION (<i>City and State</i>) Widget Creek Engineers, Wickenburg, AZ			
d. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>)		e. CURRENT PROFESSIONAL REGISTRATION (<i>STATE AND DISCIPLINE</i>)	
f. OTHER PROFESSIONAL QUALIFICATIONS (<i>Publications, Organizations, Training, Awards, etc.</i>) Certified Concrete Tester, American Concrete Institute Construction Management Association of America 19 years with Pima County, Arizona, at the Planning and Development Services Department and the Field Engineering Department of the Pima County Wastewater Management Department.			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (<i>City and State</i>) City of Phoenix Digester 11 Cover Replacement, 91st Avenue Treatment Plant. Construction Administration (City of Phoenix, AZ)	(2) Year Completed: Ongoing	
		Professional Services: Construction Administration	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Inspector responsible for on-site construction inspection and observation services to replace the steel cover on Digester No. 11 at the 91st Avenue Wastewater Treatment Plant including interior surface coating and launder repairs. Contract Cost: \$52,000.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
2)	(1) TITLE AND LOCATION (<i>City and State</i>) City of Phoenix Digester 9 Cover Replacement, 91st Avenue Treatment Plant. Construction Administration (City of Phoenix, AZ)	(2) Year Completed: 2013	
		Professional Services: Construction Administration	
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Construction Inspector responsible for on-site construction inspection and observation services to replace the steel cover on Digester No. 9 at the 91st Avenue Wastewater Treatment Plant including interior surface coating and launder repairs. Contract Cost: \$52,000.		
	<input type="checkbox"/> Check if project performed with current firm		
3)	(1) TITLE AND LOCATION (<i>City and State</i>)	(2) Year Completed	
		Professional Services	Construction (<i>if applicable</i>)
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		
	<input type="checkbox"/> Check if project performed with current firm		
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE		
	<input type="checkbox"/> Check if project performed with current firm		

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i> City of Coolidge Effluent Pipeline Design, City of Coolidge, AZ		b. YEAR COMPLETED: 2010
		PROFESSIONAL SERVICES: Design CONSTRUCTION <i>(If applicable)</i> :
PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of Coolidge	d. DOLLAR AMOUNT OF PROJECT \$254,000.	f. TOTAL COST OF PROJECT \$254,000
g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project) Designed approximately 24,300 linear feet of 16" pressure effluent pipeline in La Palma Road between Randolph Road and the Florence-Casa Grande Canal. The design included 16" gate valves with valve boxes and covers, combination air valves with manholes and vent pipe, traffic control, concrete pipe encasements, thrust blocking and restrained joints, pavement removal and replacement, jacking and boring, and stubouts at irrigation canals for future connection by others. The effluent pipeline was built to expand the reuse possibilities of the Class A+ effluent from the mechanical treatment plants.		

Example 2		
a. TITLE AND LOCATION <i>(City and State)</i> McDowell Road and 99th Avenue Relief Sewer, Phoenix, AZ		b. YEAR COMPLETED: 2013
		PROFESSIONAL SERVICES: Design CONSTRUCTION <i>(If applicable)</i>
PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of Phoenix	d. DOLLAR AMOUNT OF PROJECT: \$180,000	e. TOTAL COST OF PROJECT
f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project) Design of approximately 1,735 ft of 24-inch sewer line in McDowell Road between 95th and 99th Avenues. This project included abandoning 1,630 ft of existing 10-inch sewer in McDowell Road and connecting the upstream portion of the existing surcharging 18-inch sewer to the 66-inch 99th Avenue Interceptor at an existing manhole in 99th Avenue with a new 27-inch sewer. The project challenges included alignment of the relief sewer under the Roosevelt Irrigation District (RID) Canal and crossing an Arizona Department of Transportation (ADOT) drainage box culvert, in addition to constructing underneath an ADOT highway embankment. Trenchless and/or tunneling techniques will be used for constructing several segments of this 27-inch sewer.		

Example 3		
a. TITLE AND LOCATION <i>(City and State)</i> Wastewater Management Study for the COG Airport and Southern Development Area, City of Coolidge, AZ		b. YEAR COMPLETED: 2010
		PROFESSIONAL SERVICES: Master Planning CONSTRUCTION <i>(If applicable)</i>
PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER City of Coolidge	d. DOLLAR AMOUNT OF PROJECT: \$35,000	e. TOTAL COST OF PROJECT: \$35,000
f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project) Prepared a conceptual level Wastewater Management study for the Coolidge Airport and surrounding area. The study included residential, commercial, and industrial expansion at the airport and in the immediate area of the airport. The Study identified potential sites for a regional wastewater treatment plant and proposed a plan for effluent management. Consideration was also given as to whether a joint wastewater management facility serving both Coolidge and the Town of Florence would be feasible.		

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
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Example 4

a. TITLE AND LOCATION <i>(City and State)</i> Water System Improvements Study and Design, Town of Mammoth, AZ			b. YEAR COMPLETED: 2010	
			PROFESSIONAL SERVICES Study and Design	CONSTRUCTION <i>(If applicable)</i>
PROJECT OWNER'S INFORMATION				
c. PROJECT OWNER Town of Mammoth		d. DOLLAR AMOUNT OF PROJECT Study: \$42,150 Design: \$99,000		e. TOTAL COST OF PROJECT Study: \$45,762 Design: \$99,000
f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project) A hydraulic model of the Town of Mammoth water system was developed using an EPANET version 2.0. Service is provided to approximately 563 residential and commercial customers. <i>The Water System Evaluation for the Town of Mammoth won the Water Infrastructure Finance Authority of Arizona (WIFA) "Best Technical Assistance Project" award.</i> Design included improvements to the existing water distribution system throughout the Town of Mammoth, AZ. The project scope included several areas of the distribution system where new pipes and valves were designed, or existing pipes were replaced or upgraded. The design will improve system wide water pressures and availability of fire flows, based on previously modeled improvements completed. Funding for this project included Grant money provided by the Water Infrastructure and Finance Authority (WIFA) of Arizona.				

Example 5

a. TITLE AND LOCATION <i>(City and State)</i> Lift Station No. 40 Odor Control Improvements, Phoenix, AZ			b. YEAR COMPLETED: 2010	
			PROFESSIONAL SERVICES: Design	CONSTRUCTION <i>(If applicable)</i>
PROJECT OWNER'S INFORMATION				
c. PROJECT OWNER: City of Phoenix		d. DOLLAR AMOUNT OF PROJECT \$89,417		e. TOTAL COST OF PROJECT \$89,417
f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project) Design of lift station odor control improvements. A feasibility study was prepared to determine if a biofilter could be constructed in parallel with the existing chemical scrubber. The analysis determined that installation of a biofilter would be beneficial and a Bohn biofilter system with soil media was selected. Consequently Construction Documents and an Opinion of Probable Construction Costs were completed. This innovative design allowed operations to utilize a new technology in parallel with existing chemical based odor control system. The biological filter requires much lower maintenance and provides huge savings due to lower energy costs and elimination of hazardous chemicals. The new system was integrated seamlessly and allowed to utilize the existing (chemical) system as a back-up.				

6. ADDITIONAL INFORMATION

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

Widget Creek Engineers is a relatively new Engineering Consulting Company. All of our Employees have worked together for many years under Kennedy/Jenks Consultants (K/J). When K/J left the Arizona market, we formed Widget Creek Engineers to continue serving our long standing clients in Arizona.

We have a website at: www.WidgetCreekEngineers.com

The projects listed under 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT, were performed by the Widget Creek Engineers Team but under the then employee Kennedy/Jenks Consultants.

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:	95%
b.	Percentage of Total Work Attributable to Non-Government Work:	5%

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

Signature:  Date: 11/26/13

Name: Carolina Baertsch Title: Owner/Engineer