	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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:	Carollo Engineers, Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	4600 E. Washington Street, Suite 500
c.	FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85034
f.	YEAR ESTABLISHED:	1933

(g1).	OWNERSHIP - TYPE:	Corporation
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	N/A

h.	POINT OF CONTACT NAME AND TITLE:	John Doller, PE
i.	POINT OF CONTACT TELEPHONE NUMBER:	602-263-9500
j.	POINT OF CONTACT E-MAIL ADDRESS:	jdoller@carollo.com

k.	NAME OF FIRM *(If block 1a is a branch office)*:	Carollo Engineers, Inc.

2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Architects	P	3	3
CADD Technicians	P	69	9
Chemical Engineers	P	7	3
Civil Engineers	P	145	23
Construction Engineers	P	3	0
Construction Inspectors	P	23	1
Construction Managers	P	10	0
Control Systems Engineers	P	23	0
Electrical Engineers	P	25	2
Environmental Engineers	P	182	24
Mechanical Engineers	P	16	1
Sanitary Engineers	P	1	0
Structural Engineers	P	25	2
Other Employees	P	156	40
Total		688	108

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)*
520	**Water**	**9**
840	**Wastewater**	**10**
530	**Infrastructure**	**9**
113	**Integrated Resources**	**6**

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
John Doller, P.E.	Project Director	1. TOTAL 32	2. WITH CURRENT FIRM 30

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
MS Civil/Environmental Engineering BS Civil Engineering	Civil Engineer - AZ (#18672); WWTP Operator, Grade 2 - AZ

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
American Water Works Association, Water Environment Federation, AZ Water Association, Design-Build Institute of America, Water Design-Build Council, Construction Management Association of America

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Yuma, Tucson, Goodyear, Arizona

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-charge to expand the ASPC Yuma WWTP to 0.87 mgd to accommodate the addition of 2,000 beds and the total ASPC 4,000 beds. Expansion included new preliminary, secondary, and tertiary treatment systems. The project required an Aquifer Protection Permit to accommodate reject from the facility's reverse osmosis water treatment plant. Professional Services: $3,107,409; Construction: $12,418,527 (GMP)

2.

(1) TITLE AND LOCATION *(City and State)*
Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Facility Solids Dewatering Facility, Albuquerque, New Mexico

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-charge providing preliminary design for a new solids dewatering facility, preparing a Design Analysis Report (DAR), obtaining all of the necessary permits and site approvals, preparing a detailed design including construction bid documents, and providing engineering services during construction for a new solids dewatering facility. Professional Services: $369,957; Construction: $15,000,000

3.

(1) TITLE AND LOCATION *(City and State)*
City of Prescott Airport Water Reclamation Facility Expansion Design and Construction Administration, Prescott, Arizona

(2) YEAR COMPLETED 2014 (est)

Professional Services	Construction (if applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-charge for the Phase 1 Expansion of the Prescott Airport WRF. Assisting in approximately 65% of the design. for 3.75 mgd capacity, with the phased expansion planned for an ultimate capacity of 15 mgd. Because this Phase 1 expansion includes a process change (from the existing oxidation ditches to activated sludge BNR) this project is essentially the first phase of a new treatment facility. Professional Services: $2,279,710; Construction: $35,000,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Airport Water Reclamation Facility Expansion to 15 mgd CMAR Phase 2, Chandler, AZ

(2) YEAR COMPLETED 2009

Professional Services	Construction (if applicable)
	2009

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Technical advisor for Phase 2 that involved detailed design, permitting, and preparation of construction drawings for the expansion. Firm Cost: $1,139,910: Construction Cost: $76,700,000.

5.

(1) TITLE AND LOCATION *(City and State)*
City of Casa Grande Water Reclamation Facility Phase 3 Expansion, City of Casa Grande, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2009	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Technical advisor for the study, permitting, and design to increase the existing facility capacity of 12 mgd. Project elements included a new mechanical system, addition of a fourth anoxic/aeration basin, process optimization of the BNR system, four new secondary clarifiers, new liquid sodium bisulfite dechlorination system, four new aerobic digesters, new biosolids handling building, and new PLC programming. Firm Cost: $6,438,245; Construction: $52,460,000

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Andrew Gilmore, P.E.	Project Manager	17	8

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
MS Water Engineering BS Engineering Geology	Civil Engineer - AZ (# 41462)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
AZ Water Association, Arizona Public Works Association, Water Environment Federation

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA Lewis State Prison Complex (SPC) 500 Bed Maximum Custody Facility Expansion, Buckeye, AZ.

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Principal-in-charge providing design and construction administration services including preliminary budget estimates, programming, site planning, schematic design, design development, contract documents and contract administration/management for the construction of a 500 Bed Maximum Custody Unit. Professional Services: $179,987; Construction $500,000 (est)

2.

(1) TITLE AND LOCATION *(City and State)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Yuma, Tucson, Goodyear, AZ.

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager to expand the ASPC Yuma WWTP to 0.87 mgd to accommodate the addition of 2,000 beds and the total ASPC 4,000 beds. Expansion included new preliminary, secondary, and tertiary treatment systems. The project required an Aquifer Protection Permit to accommodate reject from the facility's reverse osmosis water treatment plant. Professional Services: $3,107,409; Construction: $12,418,527 (GMP)

3.

(1) TITLE AND LOCATION *(City and State)*
Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Facility Solids Dewatering Facility, Albuquerque, New Mexico

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer providing preliminary design for a new solids dewatering facility, preparing a Design Analysis Report (DAR), obtaining all of the necessary permits and site approvals, preparing a detailed design including construction bid documents, and providing engineering services during construction for a new solids dewatering facility. Professional Services: $369,957; Construction: $15,000,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler OWRF Expansion Design Phase, Chandler, AZ.

(2) YEAR COMPLETED 2015

Professional Services	Construction (if applicable)
2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager/engineer performing performing the permitting, public outreach, preliminary and detailed design documentation for the initial 5-mgd plant expansion. Work efforts also include modifications to the new Airport Lift Station to serve as a joint influent pump station, new joint headworks, membrane bioreactor treatment, disinfection, basin/tank covers, foul air ductwork, associated odor control systems, and solids handling facilities. Professional Services: $8,524,936; Construction: $110,000,000

5.

(1) TITLE AND LOCATION *(City and State)*
City of Casa Grande Water Reclamation Facility Phase 3 Expansion, City of Casa Grande, AZ.

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2009	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager for the study, permitting, and design to increase the existing facility capacity of 12 mgd. Project elements included a new mechanical system, addition of a fourth anoxic/aeration basin, process optimization of the BNR system, four new secondary clarifiers, new liquid sodium bisulfite dechlorination system, four new aerobic digesters, new biosolids handling building, and new PLC programming. Firm Cost: $6,438,245; Construction: $52,460,000

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Bryan Huey, P.E.	Project Engineer	1. TOTAL 20	2. WITH CURRENT FIRM 20

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
MS Environmental Engineering BS Chemical Engineering	Civil Engineer - AZ (# 33428)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
AZ Water Association, American Water Works Association, American Membrane Technology Association

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Tucson and Perryville, Arizona

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Water task leader to expand the ASPC Tucson and Perryville SPC to 4,000 beds. Design included a new water storage tank and a booster pump station at ASPC Perryville; a new waterline connection to Tucson Water, new well, new water storage tank, and a new booster pump station at ASPC Tucson. Both of these fast-tracked contracts utilized the Construction Manager at Risk (CMAR) project delivery method. Professional Services: $3,107,409; Construction: $12,418,527 (GMP)

2.

(1) TITLE AND LOCATION *(City and State)*
City of Phoenix Union Hills Water Treatment Plant Solids Handling Improvement Design Services, Phoenix, Arizona

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Process design engineer for the design and construction administration and inspection services to increase solids treatment capacity and redundancy. The project involves an alternatives evaluation study, design of the selected improvements to enhance the solids treatment and removal from the water treatment process streams for final disposal. Professional Services: $1,925,146

3.

(1) TITLE AND LOCATION *(City and State)*
Ak-Chin Indian Community Surface Water Treatment Plant, Maricopa, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2011	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Start-up and commissioning engineer for the Ak-Chin Indian Community Surface Water Treatment Plant. Design included a raw water line, a raw water pump station, a 2.25 mgd surface water treatment facility, a canned pump station, and a new finished water pipeline. Firm Cost: $2,738,558; Construction: $15,710,719

4.

(1) TITLE AND LOCATION *(City and State)*
City of Yuma Main Street Water Treatment Plant Chlorine Scrubber Basin Rehabilitation, Yuma, Arizona

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Project manager to design a new dry chlorine scrubber system and rehabilitate two sedimentation basins. Project components were designed to enhance safety and provide critical rehabilitation of aging components to support continued, efficient operation. Professional Services: $989,950

5.

(1) TITLE AND LOCATION *(City and State)*
Town of Gilbert Riggs Road 2 MG Reservoir, Booster Pump Station, and Well Design-Build, Gilbert, Arizona

(2) YEAR COMPLETED 2008

Professional Services	Construction (if applicable)
2008	2008

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Project engineer for the Riggs Road Well, 2 MG Reservoir, and Pump Station project. Provided design engineering and construction services for a concrete hopper bottom reservoir with aluminum roof, vertical turbine pump station, road way and landscaping improvements, noise mitigation, and security features.
Firm Cost - $669,098; Construction: $6,890,040

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Nathan Nutter, P.E.	Civil / Sanitary Support	1. TOTAL 13	2. WITH CURRENT FIRM 8

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
BS Mechanical Engineering	Civil Engineer - AZ (#44720); Mechanical Engineer - AZ (#52220)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
AZ Water Association, American Society of Civil Engineers

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
City of Phoenix Deer Valley ASR Well Program Design Services (WS85010052), Phoenix, AZ.

(2) YEAR COMPLETED 2015 (est)

Professional Services	Construction (if applicable)
2015 (est)	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager providing design and permitting services for the infrastructure development at Deer Valley ASR-1. Professional Services: $410,000

2.

(1) TITLE AND LOCATION *(City and State)*
City of Phoenix Aquifer Storage and Recovery Well (ASR) Well 9A-Well 300 Construction Administration and Inspection, Phoenix, AZ.

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager/project engineer. Project includes a new aquifer storage and recovery well, a new site wall, installation and equipping of the well, new chemical feed systems, and a new below-ground temporary pump-to-waste reservoir. Firm Cost: $500,000; Construction: $2,943,000

3.

(1) TITLE AND LOCATION *(City and State)*
City of Phoenix Cave Creek Aquifer Storage and Recovery Well Design and Construction Administration and Inspection, Phoenix, AZ.

(2) YEAR COMPLETED 2015

Professional Services	Construction (if applicable)
2013	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for the conceptual design, site layout, and construction administration services for the Cave Creek WRP ASR Well-1. Conceptual design includes preparation of schematic drawings to determine the general scope, preliminary design, scale, and relationships among the components of the proposed ASR well. The scope of work includes attendance at meetings with City staff and ADWR and ADEQ staff. Firm Cost: $734,523; Construction: $1,980,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Prescott Airport Well No. 3 Arsenic Treatment Design and CA&I, Prescott, AZ.

(2) YEAR COMPLETED 2015 (est)

Professional Services	Construction (if applicable)
2013	2015

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer providing new well design, permitting, and construction administration for the City's Airport Well No. 3, which included an adsorptive media arsenic treatment system due to high arsenic levels detected during the permitting process. Professional Services: $219,936; Construction: $2,830,000

5.

(1) TITLE AND LOCATION *(City and State)*
City of Phoenix ASR Well No. 299 Equipping Infrastructure Design, Permitting, and Construction Administration, Phoenix, AZ.

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2008	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for design, permitting, civil, mechanical, electrical, and instrumentation and controls (I&C) services for the City's first ASR well (2,100 gpm recovery and 1,850 gpm recharge ASR well). The construction method used by the City was CMAR. Carollo also provided permitting services for Arizona Department of Water Resources (AWDR), Maricopa County Environmental Services Department (MCESD), and City permits. Professional Services: $654,482

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Eric McLeskey, P.E.	Civil/Sanitary Support	9	9

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
MS Civil/Environmental Engineering BS Conservation Biology	Civil Engineer - AZ (#51579)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
AZ Water Association, American Water Works Association

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA Lewis State Prison Complex (SPC) 500 Bed Maximum Custody Facility Expansion, Buckeye, Arizona

(2) YEAR COMPLETED 2013

Professional Services	Construction (if applicable)
2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project manager providing design and construction administration services including preliminary budget estimates, programming, site planning, schematic design, design development, contract documents and contract administration/management for the construction of a 500 Bed Maximum Custody Unit. Professional Services: $179,987; Construction $500,000 (est)

2.

(1) TITLE AND LOCATION *(City and State)*
Town of Gilbert 2 MG Reservoir and Pump Station at Ray and Recker Roads, Gilbert, Arizona

(2) YEAR COMPLETED 2013

Professional Services	Construction (if applicable)
2012	2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer providing design and construction services for a new concrete hopper bottom 2 MG reservoir with an aluminum roof and pump station near Ray and Recker Road in Gilbert. Professional Services: $684,554; Construction: $5,990,000

3.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Sewer Manhole Assessment Rehabilitation Odor Study and Design, Chandler, Arizona

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer providing manned entry inspection of sewer manholes, their evaluation for rehabilitation, design and construction services, as well as an odor study to address long-term mitigation of collection system odor problems. Professional Services: $371,597

4.

(1) TITLE AND LOCATION *(City and State)*
Town of Gilbert Integrated Water Resources Master Plan, Gilbert, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2012	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Modeling engineer to re-evaluate the Town's master plans and strategies to address unique requirements to plan potable water, wastewater, and reclaimed water systems in a way that considers the complex inter-relationships of costs, water supply, water quality, and customer service. Professional Services: $509,825

5.

(1) TITLE AND LOCATION *(City and State)*
City of Peoria Integrated Utility Master Plan, Peoria, Arizona

(2) YEAR COMPLETED 2015 (est)

Professional Services	Construction (if applicable)
2015 (est)	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

GIS lead for the comprehensive master plan update that takes into account continuous population and economic development growth, changes in water use and supply availability, reclaimed water use, and wastewater collection and treatment needs. Professional Services: $406,570

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Billy Altman, P.E.	Environmental / Sanitary Support	1. TOTAL 37	2. WITH CURRENT FIRM 37

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
BS Microbiology	Sanitary Engineer - AZ (#18199)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
Laughlin Lift Station No. 2 Force Main Rehabilitation Project for the Clark County Water Reclamation District, Nevada

(2) YEAR COMPLETED 2012 (Study/Design)

Professional Services	Construction (if applicable)
2012	2018 (est)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer for a hydraulic analysis was conducted to match the pump station, surge analysis, rehabilitation of existing manholes (gravity sewer) and 21-inch sewer, infrastructure installation and replacement, discharge piping (force mains), and valves through the existing metering facilities, odor control, gas monitoring, and compliance with current codes and regulations. Professional Services: $2,531,407

2.

(1) TITLE AND LOCATION *(City and State)*
2013 Integrated Facilities Master Plan, Clark County Water Reclamation District, Nevada

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Technical advisor on a master plan focused on maximizing the use of existing capital facilities despite reduced flows due to slow growth, considered process optimization, condition assessment, operations and maintenance manual updates, and phased planning for the District's major facilities. Firm Cost: $1,658,060

3.

(1) TITLE AND LOCATION *(City and State)*
Paradise Whitney Interceptor Package No.2 for Clark County Water Reclamation District - Design, Bid and ESDC, Las Vegas, Nevada

(2) YEAR COMPLETED 2014 (Design); 2016 (Const. est)

Professional Services	Construction (if applicable)
2014	2016 (est)

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Construction manager providing project administration, scheduling and progress reporting, meetings and technical workshops, construction cost estimating, quality management, environmental assessment, risk management, permitting and utility agency coordination, geotechnical investigation, dewatering design, construction sequencing, traffic control, underground utility location, detailed design, bid period services, and construction management services. Firm Cost: $7,492,699; Construction: $62,324,340

4.

(1) TITLE AND LOCATION *(City and State)*
Searchlight Collection System Rehabilitation and Groundwater Recharge Assessment for Clark County Water Reclamation District, Las Vegas, Nevada

(2) YEAR COMPLETED 2013

Professional Services	Construction (if applicable)
2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer performed condition assessment for a gravity collection system, lift station, and force main using CCTV survey and visual inspection. The evaluation included the existing collection system elements and terminated at the outfall of the existing 8-inch gravity influent line into the plant. Alternatives were recommended to address system deficiencies as well as repair/rehabilitation needs. Professional Services: $1,059,507

5.

(1) TITLE AND LOCATION *(City and State)*
Secondary Clarifier 1 - 8 Rehabilitation Additional Services for Clark County Water Reclamation District, Las Vegas, Nevada

(2) YEAR COMPLETED 2013

Professional Services	Construction (if applicable)
2013	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Project engineer, as a sub to CH2MHill, provided design history and technical review of specifications and drawings associated with the project. Professional Services: $12,000

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Kirk Gardiner, P.E.	Mechanical Engineer	1. TOTAL 30	2. WITH CURRENT FIRM 15

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
BS Mechanical Engineering	Mechanical Engineer - AZ (#22942)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
American Society of Mechanical Engineers

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Yuma, Tucson, Goodyear, Arizona

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Mechanical engineer to expand the ASPC Yuma WWTP to 0.87 mgd to accommodate the addition of 2,000 beds and the total ASPC 4,000 beds. Expansion included new preliminary, secondary, and tertiary treatment systems. The project required an Aquifer Protection Permit to accommodate reject from the facility's reverse osmosis water treatment plant. Professional Services: $3,107,409; Construction: $12,418,527 (GMP)

2.

(1) TITLE AND LOCATION *(City and State)*
Ak-Chin Indian Community Surface Water Treatment Plant, Maricopa, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2011	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Mechanical engineer for the Ak-Chin Indian Community Surface Water Treatment Plant. Design included a new raw water line, a new raw water pump station, a new 2.25 mgd surface water treatment facility, redesign of the proposed DYK finished water storage tank and canned pump station, and a new finished water pipeline. Firm Cost: $2,738,558; Construction: $15,710,719

3.

(1) TITLE AND LOCATION *(City and State)*
Town of Gilbert 2 MG Reservoir and Pump Station at Ray and Recker Roads, Gilbert, Arizona

(2) YEAR COMPLETED 2013

Professional Services	Construction (if applicable)
2012	2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Mechanical engineer providing design and construction services for a new concrete hopper bottom 2 MG reservoir with an aluminum roof and pump station near Ray and Recker Road in Gilbert. Professional Services: $684,554; Construction: $5,990,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Sewer Manhole Assessment Rehabilitation Odor Study and Design, Chandler, Arizona

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2014	

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Mechanical engineer providing manned entry inspection of sewer manholes, their evaluation for rehabilitation, design and construction services, as well as an odor study to address long-term mitigation of collection system odor problems. Professional Services: $371,597

5.

(1) TITLE AND LOCATION *(City and State)*
City of Casa Grande Water Reclamation Facility Phase 3 Expansion, City of Casa Grande, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2009	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Mechanical engineer for the study, permitting, and design to increase the existing facility capacity of 12 mgd. Project elements included a new mechanical system, addition of a fourth anoxic/aeration basin, process optimization of the BNR system, four new secondary clarifiers, new liquid sodium bisulfite dechlorination system, four new aerobic digesters, new biosolids handling building, and new PLC programming. Firm Cost: $6,438,245; Construction: $52,460,000

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Kevin Angle, P.E.	Electrical / I&C	1. TOTAL 13	2. WITH CURRENT FIRM 7

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
BS Electrical Engineering	Electrical Engineer - AZ (#53655)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Institute of Electrical and Electronics Engineers

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Facility Solids Dewatering Facility, Albuquerque, New Mexico

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2013	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Electrical engineer providing preliminary design for a new solids dewatering facility, preparing a Design Analysis Report (DAR), obtaining all of the necessary permits and site approvals, preparing a detailed design including construction bid documents, and providing engineering services during construction for a new solids dewatering facility. Professional Services: $369,957; Construction: $15,000,000 (est)

2.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Sewer Manhole Assessment Rehabilitation Odor Study and Design, Chandler, Arizona

(2) YEAR COMPLETED 2014 (est)

Professional Services	Construction (if applicable)
2014	N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Electrical engineer providing manned entry inspection of sewer manholes, their evaluation for rehabilitation, design and construction services, as well as an odor study to address long-term mitigation of collection system odor problems. Professional Services: $371,597

3.

(1) TITLE AND LOCATION *(City and State)*
City of Prescott Airport Water Reclamation Facility Expansion Design and Construction, Prescott, Arizona

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Electrical engineer assisting in approximately 65% of the design for 3.75 mgd capacity, with the phased expansion planned for an ultimate capacity of 15 mgd. Because this Phase 1 expansion includes a process change (from the existing oxidation ditches to activated sludge BNR) this project is essentially the first phase of a new treatment facility. Professional Services: $2,279,710; Construction: $35,000,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Laredo Booster Station Improvements and Elevated Storage Tank, Laredo, Texas

(2) YEAR COMPLETED 2011

Professional Services	Construction (if applicable)
2010	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[X] Check if project performed with current firm

Electrical engineer under a design-build contract for E/I&C engineering services for the City of Laredo Water Distribution System, including water booster pump station and elevated storage tanks. LNV Engineering is the prime consultant. Professional Services: $7,598,115

5.

(1) TITLE AND LOCATION *(City and State)*
City of Lubbock Digesters 8 and 9 Improvements, Lubbock, Texas

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

[ ] Check if project performed with current firm

Electrical engineer for the a planning, design, and construction services for Digester 8 and 9 Improvements at the City of Lubbock's Southeast WRP. The project goal was to increase the digester performance, provide process redundancy and reliability, and bring the existing facilities up to code. Project elements included the installation of new pump mixing system, hot water system, sludge heating and recirculation system, digester feed, fixed domes, and open flare burners. Professional Services: 8,713,900; Construction: $14,931,109

	ATTACHMENT I – General Qualifications **ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO: ADSPO15-00004729**	**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	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
David Geisler, P.E.	Structural Engineer	1. TOTAL 16	2. WITH CURRENT FIRM 13

d. LOCATION *(City and State)*
Carollo Engineers, Inc., Phoenix, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. PROFESSIONAL TRAINING - REGISTRATIONS
BS Chemical Engineering BS Civil Engineering	Structural Engineer - AZ (#41080)

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
American Society of Civil Engineers, American Concrete Institute
Confined Space Entry Training

H. RELEVANT PROJECTS

1.

(1) TITLE AND LOCATION *(City and State)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Yuma, Tucson, Perryville, Arizona

(2) YEAR COMPLETED 2010

Professional Services	Construction (if applicable)
2010	2010

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Structural engineer to expand the ASPC Yuma WWTP to 0.87 mgd to accommodate the addition of 2,000 beds; a new water storage tank and a booster pump station at ASPC Perryville; a new waterline connection to Tucson Water; new well, water storage tank, and booster pump station at ASPC Tucson. These fast-tracked contracts utilized the Construction Manager at Risk (CMAR) project delivery method. Professional Services: $3,107,409; Construction: $12,418,527 (GMP)

2.

(1) TITLE AND LOCATION *(City and State)*
City of Casa Grande Water Reclamation Facility Phase 3 Expansion, City of Casa Grande, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2009	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Structural engineer for the study, permitting, and design to increase the existing facility capacity of 12 mgd.
Project elements included a new mechanical system, addition of a fourth anoxic/aeration basin, process optimization of the BNR system, four new secondary clarifiers, new liquid sodium bisulfite dechlorination system, four new aerobic digesters, new biosolids handling building, and new PLC programming.
Firm Cost: $6,438,245; Construction: $52,460,000

3.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Airport Water Reclamation Facility Expansion, Chandler, Arizona

(2) YEAR COMPLETED 2014

Professional Services	Construction (if applicable)
2012	2014

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Structural engineer for the 22 mgd expansion including a new cast-in-place pre-stage basin, aeration basins, secondary clarifier basins, flocculation basins, solids storage tanks, reservoir, and support facilities. All equipment, piping, electrical, and controls for a functional facility were also included. Professional Services: $8,909,250; Construction: $120,000,000

4.

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Collection System Facility Improvements Lift Station Rehabilitation, Chandler, Arizona

(2) YEAR COMPLETED 2012

Professional Services	Construction (if applicable)
2011	2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Structural engineer for the design and construction services related to the rehabilitation of seven collection system lift stations and one division structure. Professional Services: $376,519; Construction: $774,258

5.

(1) TITLE AND LOCATION *(City and State)*
Arizona Water Company Oasis Arsenic Treatment Facility Expansion

(2) YEAR COMPLETED 2011

Professional Services	Construction (if applicable)
2010	2011

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

X Check if project performed with current firm

Structural engineer providing engineering design, construction administration and field inspections, and bidding assistance for AWC's 7.2 mgd Oasis Arsenic Treatment Facility. The project consisted of an expanded 5,400 gpm wellhead arsenic treatment facility design that utilizes coagulation and filtration processes. Professional Services: $308,607; Construction: $2,100,000

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
ADOA Lewis State Prison Complex (SPC) 500 Bed Maximum Custody Facility Expansion, Buckeye, Arizona	2013	2014

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Arizona Department of Administration	Firm Cost: $179,987	Construction: $500,000

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

As a subconsultant to DLR Group, Carollo assisted with the ADOA Lewis SPC expansion in Buckeye, Arizona.

This project expansion consisted of the design of a 1-mgd plant, which included a raw sewage grinder, influent pump station, fine static screens, aeration basins with biological nutrient removal, clarifiers, traveling bridge filter, UV disinfection, effluent storage pond, effluent pump station, aerobic digester, sludge and scum drying beds, pumping stations for RAS/WAS scum, recycle, and digested sludge, blower building, and operations building.

Work tasks include permitting, developing preliminary budget estimates, programming, site planning, schematic design, preparing contract documents, and providing construction administration for improvements to the facility.

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
ADOA State Prison Complex (SPC) 4,000 Prison Bed Facilities Expansion Yuma, Tucson, Goodyear, Arizona	2010	2010

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Arizona Department of Administration	Firm Cost: $3,107,409	Construction: $12,418,527 (GMP)

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

As a subconsultant to Arrington Watkins Architects, Carollo provided design and construction administration services.

The Arizona Department of Administration (ADOA) expanded three prison facilities by as much as 4,000 beds. Carollo, in association with Arrington Watkins Architects, provided preliminary design, detailed design, construction administration, and permitting services for the water and wastewater systems to support the expansions of the Yuma, Perryville/Goodyear, and Tucson Arizona State Prison Complexes (ASPC).

ASPC Yuma WWTP $12.3 million expansion to 0.87 mgd (a 2,000 bed prison facility) project included a 1-mgd plant expansion with a new process train. New installations included headworks with mechanically cleaned screens, new extended aeration activated sludge process, new disinfection system, new digestion facilities, and new chemical storage and pumping facilities. In order to meet the fast track nature of the ASPC Yuma WWTP expansion, Carollo used the CAMP® process, an early project activity that applies the combined experience of key personnel over a concentrated period to accelerate the development of a project by employing facilitated team management.

ASPC Perryville (a 1,000 bed prison) expansion to the existing water system included new water storage tanks, a new booster pump station, pump skid replacements, water line re-routing, and generator and electric building modifications.

ASPC Tucson (a 1,000 bed prison) expansion to the existing water system included a new waterline to Tucson Water, new water storage tanks, pump skid replacements, water line re-routing, rehabilitation of an existing groundwater well, new booster pump station, generator and electric building modifications, and improvements to the control system.

The expansions used the Construction Manager at Risk alternative project delivery method. The facility has been in operation 4 years with no unplanned shutdowns.

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Ak-Chin Indian Community Surface Water Treatment Plant, Maricopa, Arizona	2011	2012

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Ak-Chin Indian Community	Firm Cost: $2,738,558	Construction: $15,710,719

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

The Ak-Chin Indian Community (Community) has historically utilized groundwater as their primary source of potable water. However, continued deterioration of groundwater quality, recent struggles associated with identifying and obtaining a new high quality groundwater source, and the availability of a robust Central Arizona Project (CAP) surface water supply, have prompted the Community to design and construct a new 2.25 mgd surface water treatment plant. In only 20 months, the design team and the Community transformed an agricultural field into a critical 2.25-mgd (3.15-mgd ultimate) membrane filtration Surface Water Treatment Plant (SWTP). The SWTP process provides high quality potable water and the flexibility to easily and cost effectively expand future treatment capacity. The team provided expansion of the Community's existing infrastructure including almost 10,000 linear feet (LF) of raw water transmission piping, 1,000 LF of wastewater collection piping, as well as modifications to an existing potable water pump station. The design team and the Community spent significant time, money, and effort to assure the facility would be another showcase for the Community and surrounding area.

With the multitude of challenges the team faced during design and construction of the new SWTP, this project would not have been a success without the efforts of all team members working together to find creative solutions. Based on the aggressive design and construction schedule, communication was critical. The project was located in the heart of the Community's development district and was being constructed to, and simultaneously with, the Community's Central Cooling Facility and new entertainment complex. Consequently, communication was critical. The team met regularly with all stakeholders through weekly meetings and dedicated workshops designed to present information in a format that was easily understood by the participants and promoted critical decision making. Every team member was vested in making the Community's vision a reality from the start.

The Community's expectations were exceeded and delivered under budget; in addition, received the AZ Water Association Water Treatment Project of the Year (2013).

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Albuquerque Bernalillo County Water Utility Authority (ABCWUA) Southside Water Reclamation Facility Solids Dewatering Facility	2013	2015 (est)

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
ABCWUA, New Mexico	Firm Cost: $369,957	Construction: $15,000,000

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

Carollo is designing a new solids dewatering facility (SDF) at the Southside Water Reclamation Plant (SWRP). The SWRP has a nominal capacity of 76 mgd and uses anaerobic digestion to stabilize the sludge. Dewatering is performed using centrifuges with solids transported from the centrifuges to existing holding bins via an outdated conveyor system. The existing SDF does not provide reliable service, requires significant annual maintenance, is at the end of its useful life, and needs to be replaced with a new, modern facility. Work efforts include preliminary design, preparing a Design Analysis Report (DAR), obtaining all of the necessary permits and site approvals, preparing a detailed design including construction bid documents, and providing engineering services during construction.

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
City of Casa Grande Water Reclamation Facility Phase 3 Expansion	2010	2012

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
City of Casa Grande, Arizona	Firm Cost: $6,438,245	Construction: $48,085,500

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

The City's WRF was originally constructed as a mechanical plant in the early 1990s and later expanded to 4 mgd (average daily flow) in 2005, with both expansions designed by Carollo Engineers. In 2006, the City engaged Carollo to start planning the next expansion to 12 mgd, and in 2008, the planning and design phases were completed. In late 2007 and early 2008, the City and Carollo obtained funding from the Water Infrastructure Finance Authority (WIFA), which allowed the project to be bid by contractors in the fall of 2008. Construction commenced in April of 2009 with completion in 2012. The total funding provided by WIFA was $62.5M and the lowest responsive bidder (Hunter Contracting) was under $49M.

The design included several cost savings measures to optimize existing infrastructure including modification of the existing aeration basins to increase each basin capacity to 3 mgd and the addition of a new fourth basin to bring the capacity to 12 mgd. This approach saved approximately $20M in capital costs. The design included new disinfection facilities to replace the existing gas chlorine system with the largest on-site sodium hypochlorite generation system for a wastewater facility within Arizona. The project has won several accolades in the recent past including the 2008 Bentley Be Inspired Award for Innovation in for using 3D design tools to tackle challenges problems. The project was also awarded the WIFA Project of the Year Award in 2012.

The Phase 3 Expansion included some challenging aspects that were overcome by the entire project team. The major challenges entailed maintaining the existing WRF during construction activities. The design took into account these challenges and provided additional compartments and valves at key transition areas such as splitter boxes upstream of the aeration basins and the secondary clarifiers. Extensive workshops and coordination meetings were held to coordinate activities with the City operations staff and engineer to make sure that the permit limits were met at all times during construction. The City's expectations were exceeded and the final construction project came in under budget. The City, Hunter, and Carollo also worked together during the construction phase to improve other areas not in the original design. The low bid, as a result of the economic slowdown, allowed the team to rehabilitate areas that would have otherwise been slotted for future rehabilitation, which will result in lower operation costs.

6. ADDITIONAL INFORMATION

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

SEE SEPARATE PDF FILE FOR STATEMENT OF QUALIFICATIONS

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:	**90**
b.	Percentage of Total Work Attributable to Non-Government Work:	**10**

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

Signature: _____ Date: 12/30/2014

Name: John Doller, P.E. Title: Senior Vice President

statement of qualifications

ARIZONA DEPARTMENT OF ADMINISTRATION
STATE PROCUREMENT OFFICE

ANNUAL Professional Services List

Solicitation Number: ADSPO15-00004729

carollo
Engineers...Working Wonders With Water®




December 2014

carollo
Engineers...Working Wonders With Water®

WATER
OUR FOCUS
OUR BUSINESS
OUR PASSION

December 30, 2014

Arizona Department of Administration
State Procurement Office
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

Attention: Ms. Melissa Bauer, Procurement Officer

Subject: Statement of Qualifications and Experience for Annual Professional Services List
Solicitation Number: ADSPO15-00004729

Dear Ms. Bauer and Selection Committee:

The Arizona Department of Administration (ADOA) State Procurement Office requires the right resources, in the right place, at the right time to assist with important, on-call projects that demand a broad array of services. The proposed Carollo team is well suited to deliver these services to assist you in overcoming any of your water and wastewater challenges.

As a leading expert in the planning, design, permitting, and construction management for public agencies, municipalities, and private industrial firms throughout the United States, Carollo excels in the following areas of water, wastewater, and reclaimed water:

- Water and Wastewater Treatment
- Advanced Water Treatment - Membranes
- Water and Wastewater Infrastructure
- Biosolids Management
- Construction Management
- Information Management
- Operational Assistance
- Permitting
- Water Reuse

This team of experts has significant experience in serving the ADOA and the Department of Corrections on previous water and wastewater related work, as well as other municipal agencies throughout Arizona. Project specific experience includes the 500 Bed Maximum Custody Facility Design and the 4,000 Prison Bed Facilities Expansion, both projects utilizing the Construction Manager at Risk (CMAR) delivery method; the Arizona State Prison Complex (ASPC) Lewis Water and Wastewater System Improvements; Florence West Jail Facility Design-Build project, the Florence Wastewater Treatment Plant Design; and the ASPC Tucson Wastewater Treatment Plant.

We are committing John Doller, as project director, and Andrew Gilmore, as project manager (both have served in similar roles for ADOA), and a full range of Carollo engineers and specialists that will bring innovative ideas to address your water and wastewater concerns.

We are ready to deliver. By selecting Carollo, you are engaging a team that is experienced and qualified in providing sound planning, design, and construction management expertise to serve ADOA on multiple on-call projects. That is our commitment.

Sincerely,

CAROLLO ENGINEERS, INC.

John Doller, P.E.
Senior Vice President
Email: jdoller@carollo.com

Andrew Gilmore, P.E.
Associate Vice President
Email: agilmore@carollo.com

Introduction

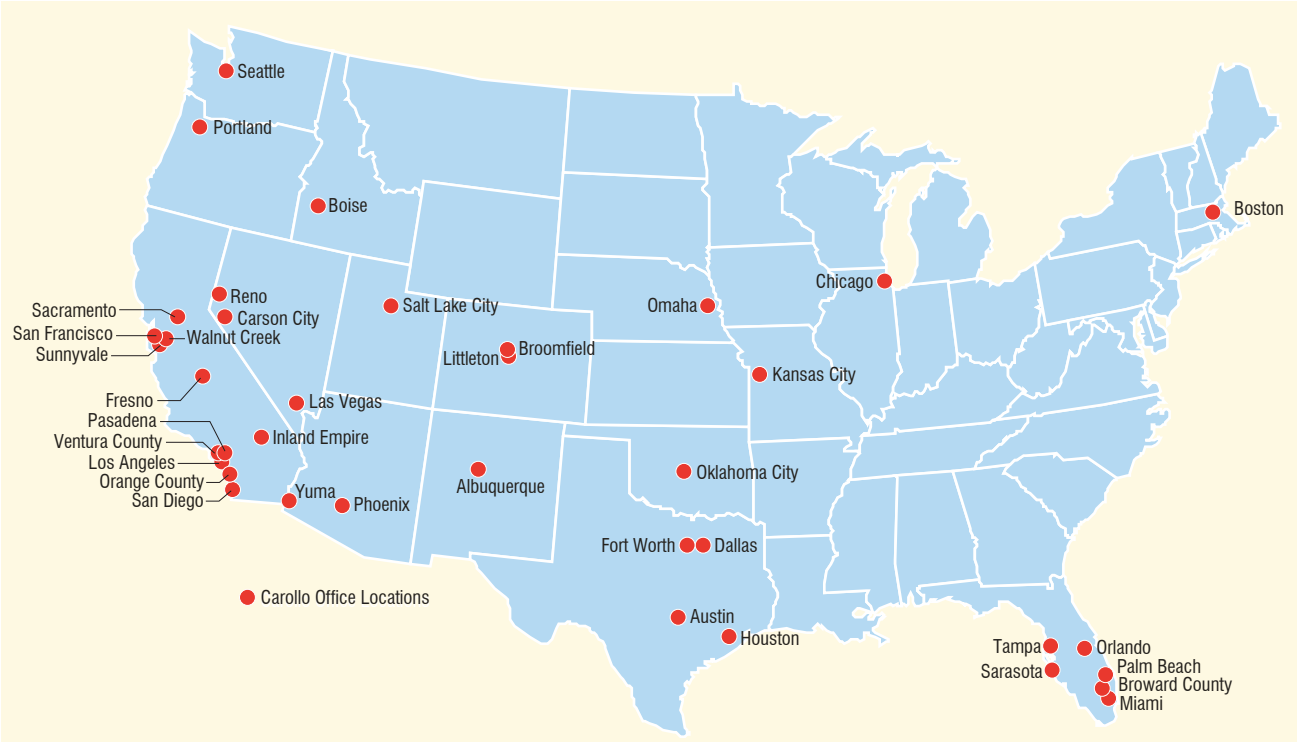
Carollo Engineers, Inc. (Carollo) is an environmental engineering firm specializing in the planning, design, permitting, and construction of water, wastewater, and reclaimed water and infrastructure and facilities. We currently maintain 38 offices in 16 states and have 689 employees nation-wide, with 45 registered engineers located in our Phoenix and Yuma offices. We are one of the largest firms in Engineering News Record's (ENR) Top 500 that dedicates itself exclusively to water, wastewater, and reuse work. In fact, ENR Southwest ranks Carollo No. 1 in civil engineering, sewer/solid waste (wastewater), and water supply.

WATER
OUR FOCUS
OUR BUSINESS
OUR PASSION

This benefits you as our staff are industry leaders, allowing us to focus on providing the optimum and most cost-effective solutions for your water and wastewater challenges. Our local staff is full-service, providing you with immediate access to civil, sanitary, environmental, electrical, mechanical, chemical, structural, and control systems engineers, as well as architects, planners, and other specialists.

Carollo's Reputation and Service Capabilities

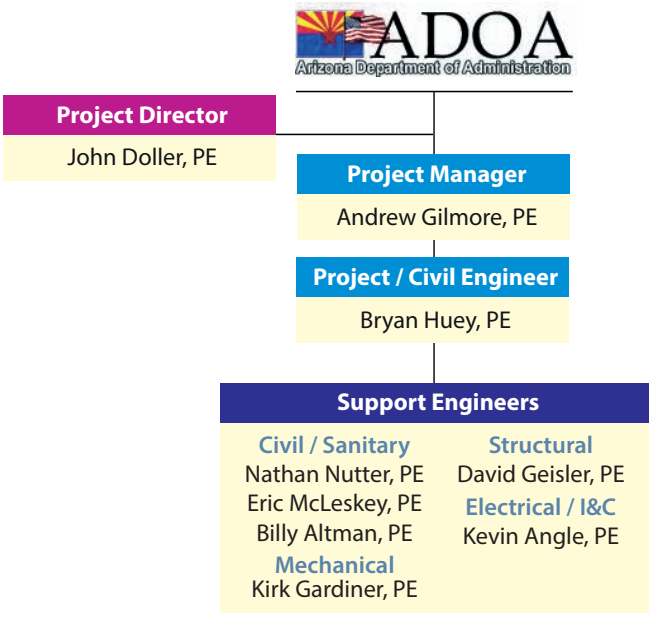
Carollo has earned a reputation in our industry for technical innovation coupled with practical, value-laden solutions that meet our clients' needs over the long-term. Our national reputation is built on 81 years of service in water and wastewater engineering. We take great pride in the number of clients with whom we have maintained continuing working relationships, some since our establishment in 1933—a clear indication of our work quality, our control of costs, and our ability to meet schedules. We strive to emulate our mission statement, ***"Dedicated to creative, responsive, quality solutions to those we serve."*** Each project incorporates a detailed program for quality with the goal to provide high-quality engineering services, consistent with the standards of the Arizona Department of Administration (ADOA), the Arizona Department of Corrections (ADC), and Carollo.



Team Experience and Qualifications

The success of your projects depends on the sound technical capabilities, project management skills, and commitment of key project team members. Carollo has carefully assembled an experienced, local team who are familiar with the ADOA and ADC, having completed several projects for the Arizona State Prison Complexes (ASPC) located in Yuma, Florence, Tucson, and Goodyear. These projects include the 500 Bed Maximum Custody Facility Design, the 4,000 Prison Bed Facilities Expansion, both completed under the Construction Manager at Risk (CMAR) delivery method; the ASPC Lewis Water and Wastewater System Improvements, Florence West Jail Facility Design-Build project and Wastewater Treatment Plant Design; and the ASPC Tucson Facility Assessment Report on Water Storage Tanks.

Our core project team, John Doller (Project director), Andrew Gilmore (Project manager), and Bryan Huey (Project/civil engineer) have served in similar roles assisting other utilities and are familiar to the ADOA. Our team offers a unique combination of local understanding and experience, technical innovation, and fresh perspectives that are well suited to address any of your water and wastewater project needs.



The organization chart above highlights key individuals and their roles.

Firm Qualifications

Water and Wastewater Infrastructure

Carollo has provided planning, design, and construction management services for water and wastewater agencies serving populations ranging from less than 10,000 to more than 2 million. Our qualifications include engineering services for new construction, expansions, rehabilitation, and other improvements or modifications for water and wastewater treatment facilities, water and wastewater pipelines, lift stations, odor control facilities, well sites, wastewater structures, water delivery structures, and water metering facilities with their associated utility lines, buildings, off-site improvements, utility line extensions, and street improvements.

Carollo has designed numerous water / wastewater treatment plants, including facilities serving ASPC Yuma, Lewis, Perryville, and Tucson.

Water / Wastewater Treatment Systems

Carollo's water treatment experience includes more than 100 treatment plants ranging in size from less than 1 mgd to more than 600 mgd in capacity with a total capacity of more than 3.5 billion gallons per day. We have also designed new or improved facilities for over 200 wastewater treatment plants ranging in size from less than 1 mgd to over 300 mgd.

Water Pipelines

Carollo has provided design and construction management services for more than 700 miles of water pipeline ranging in size from 6 to 108 inches in diameter. Our designs reflect the attention we give to site considerations, environmental impacts, and the individual and unique needs of each client. We coordinate public awareness programs and provide transportation planning and control to minimize disruption to residents and businesses during construction. We also maintain close communications with all parties involved during project phases to minimize potential conflicts

Carollo's pipeline designs reflect the attention we give to site considerations, environmental impacts, and the unique needs of each client, including the new water main serving ASPC Tucson.

and maximize project delivery. Our role often involves identifying, evaluating, and recommending alternative pipeline routes based on cost-effectiveness, hydraulic considerations, easement requirements, and constructability. We are also experienced in the latest water system modeling programs.

Water Pump Stations and Reservoirs

Carollo has provided design and construction management services for over 150 water pumping facilities. Our designs serve raw water delivery to treatment plants, irrigation pumping, well water pumping, treated water delivery to distribution systems, intermediate transmission line boosting, and inter pressure zone transfers.

Carollo has designed numerous water pumping stations including those now serving ASPC Perryville and Tucson and reservoirs now serving ASPC Tucson, Perryville, and Lewis.

Our reservoir designs range in size from 0.5 million gallons to 120 million gallons to provide raw water, recycled water, and potable water storage. We have designed reservoirs of all types, materials, and construction methods. Carollo's services also include storage tank inspection and rehabilitation measures such as leak repairs, flow regime improvements, reservoir mixing systems, and chlorine booster systems.

Well Drilling and Optimization

For the past decade, Carollo's Phoenix office has been designing and providing construction administration services for aquifer storage and recovery (ASR) wells optimization, well head treatment, and potable production well projects from small, individual well installations to multiple well developments capable of delivering several million gallons per day. Treatment processes have included electrodialysis reversal, air stripping, conventional granular activated carbon (GAC) adsorption, biologically enhanced activated carbon (BAC), ion exchange, membrane filtration processes, reverse osmosis, and oxidation / filtration. We have extensive experience in master planning, water resources planning, capacity studies, and evaluations directed toward enhancing water quality, permitting, and compliance with emerging regulations.

Carollo's well experience includes rehabilitating existing groundwater systems, including the system serving ASPC Tucson.

ADOA, ASPC Lewis Complex Electrodialysis Reversal System.

Wastewater Collection / Sewer Systems

Carollo has provided engineering services for more than 2 million linear feet of wastewater pipelines, and has positioned ourselves at the forefront of trenchless technologies that allow pipe replacement and rehabilitation with minimal impacts. Carollo's conveyance projects have included important considerations such as alternative alignments, utility research, encroachment permits, roadways / paving replacement, pipe selection, challenging crossings, and coordinating with impacted parties. We also have extensive experience in sanitary sewer master planning, having completed over 70 master plans in the last 15 years, each customized to our clients' individual needs.

Lift Stations

Carollo has designed and/or assisted in the construction of over 500 wastewater pump stations involving collection systems, influent, effluent, return activated sludge (RAS), waste activated sludge (WAS), combined sewer overflow, and storm water. Many of our lift station designs involved special considerations for minimizing community and environmental impacts such as special architectural treatments and odor and noise control measures.

Carollo provided design and construction services for the Town of Gilbert's Riparian Preserve at Water Ranch. The preserve consists of approximately 70 acres of recharge basins and marsh areas designed to recharge 4-mgd of treated effluent or Central Arizona Project (CAP) Water.

Effluent Management and Water Reuse

Carollo's design of the ASPC Lewis Complex produces Class A+ effluent and can be reused for wetlands, landscaping, or an on-site State nursery.

Water reuse is a sustainable approach to maximizing water resources, but managing effluent management must be carefully planned to avoid the obstacles that can impede project development—water quality issues, regulatory compliance, public perception, and watershed protection. Water reuse is one of Carollo's core service areas, which includes planning, permitting, and design. We have provided these services for more than 50 water reclamation and reuse project for clients throughout Arizona including the Town of Gilbert, the City of Sedona, and the City of Chandler to investigate potential effluent management strategies (i.e., landscape / golf course irrigation, agricultural irrigation, industrial reuse, wetlands / stream enhancement, and groundwater recharge) and to address effluent disposal limitations.

Biosolids Management

Carollo has provided planning and/or design of facilities to accommodate more than 750,000 tons of biosolids per year, and our experience includes extensive involvement in biosolids application sites permitting. We are committed to encouraging biosolids beneficial reuse as a valuable resource.

Advanced Treatment - Membranes

Carollo has completed several facility optimization projects that involve the use of new, energy-efficient membrane systems and alternative chemical pretreatments. We recently completed design and construction of the SPA 2 MBR WRF for the City of Surprise, Arizona. The use of a membrane bioreactor eliminated the need for conventional sedimentation, filtration, and disinfection facilities, thus minimizing excavation, concrete, and electrical construction costs. Carollo also recently completed design and construction of a new 0.9-mgd MBR WRF and a new 2.25-mgd surface WTP designed for membrane technology for the Ak-Chin Indian Community in Maricopa, Arizona, as part of the Water and Wastewater Capital Improvements project. These projects won numerous awards including the 2012 Wastewater Treatment Project of the Year (AZ Water Association); 2011 Small WateReuse Project of the Year (honorable Mention); and the 2010 Innovations in Water and Wastewater Treatment Grand Award (Bentley Be Inspired Award).

The new 0.6-mgd Ak-Chin WRF employs an MBR process followed by UV disinfection, which provides consistent, high-quality reclaimed water for non-potable use at the facility and throughout the Community.

These examples illustrate Carollo's dedication to providing our clients with the most advanced and practical solutions to improve the safety, operation, and economics of membrane treatment processes.

Electrical and Instrumentation

Carollo has completed over 40 electrical and controls design projects in the past five years, tailored to water and wastewater treatment facilities ranging from less than 1 mgd to more than 600 mgd in capacity. Our projects cover every aspect of water and wastewater control systems including radio telemetry, SCADA, distributed control systems (DCS), PLC systems, PC-based computer systems, operator interface software, local area networks, information management systems, and the full range of physical and analytical instruments.

Automation and optimization have become an increasingly important part of our firm's services. Recent projects have increasingly focused on greater levels of automation for enhanced operational efficiency, process control standardization, unattended operation, and integration of computer control systems

data with overall utility information management systems.

Construction Management

Over the past nine years, Carollo has participated in the delivery of more than 20 alternative delivery projects including design-build, design-build-operate, and CMAR (several for the ADOA). In the past three years alone, we have performed alternative projects for the cities of Phoenix, Yuma, Mesa, Chandler, Goodyear, and the towns of Gilbert and Queen Creek.

We have provided construction management services for over $1 billion in municipal water and wastewater facilities in the last 10 years. Nearly one-third of our revenue is attributable to construction-related services.

Our staff includes construction managers, resident engineers, and resident and specialty inspectors. We also provide professional training and staff development in the ever-changing areas of safety, risk management, and claims consulting. Our resources include document tracking and scheduling capabilities, and specialty testing equipment.

References & Experience

The tables on the following pages highlight our company-wide correctional facility water and wastewater experience, as well as our local water and wastewater experience.

CAROLLO'S WATER AND WASTEWATER PRISON EXPERIENCE

Facility Owner	Project Name	Permitting	Planning	Design	Infrastructure	Water	Wastewater	Construction Method
ADOA	ADC 500 Bed Maximum Custody Facility Design	●	●	●	●	●	●	CMAR
ADOA	ASPC Yuma, Tucson, and Goodyear 4,000 Prison Bed Facilities	●	●	●	●	●	●	CMAR
ADOA	ASPC Lewis Water and Wastewater System Improvements	●		●		●	●	Design-Bid-Build
ADOA	ASPC Florence West Jail Facility	●		●	●	●	●	Design-Build
ADOA	ASPC Florence WWTP Design			●				Design-Build
ADOA	ASPC Tucson Facility Assessment Report on Water Storage Tanks		●		●	●		N/A
Correctional Services Corporation	Eloy, AZ Juvenile Correctional Facility	●		●	●	●	●	Design-Build
Dominion Correctional Properties, LLC	Mohave County, AZ - Sacramento Road WWTP			●			●	N/A
California Department of Corrections & Rehabilitation	Chuckawalla Valley State Prison WWTP Improvements	●	●	●	●		●	Design-Bid-Build
California Department of Corrections & Rehabilitation	Corcoran State Prison WWTP Improvements			●	●		●	Design-Bid-Build
California Department of Corrections & Rehabilitation	Men's Colony WWTP and Trunk Sewer Replacement		●		●		●	Design-Bid-Build
California Department of Corrections & Rehabilitation	California Statewide Wastewater Treatment Facilities Assessments		●		●		●	N/A
Sacramento Regional County Sanitation District	Rio Cosumnes Correctional Center Facilities Plan Update / Wastewater Master Plan	●	●		●		●	N/A
Sacramento Regional County Sanitation District	Rio Cosumnes Correctional Center Facilities Water and Wastewater Improvements		●	●		●	●	N/A
California Department of Corrections and Rehabilitation	Deuel Vocational Institution RO Water Treatment Plant and Brine Disposal System Design		●	●		●	●	N/A

OTHER CAROLLO EXPERIENCE

Project Name	Reference	Specialty Category				
		Water Distribution System	Wastewater Systems	Electrical & Controls	Construction Management	Membrane Treatment
ADC 500 Bed Maximum Custody Facility Design	Tony Zelenak, AZ Dept. of Corrections – 602-364-4294	●	●	●	●	
ADOA 4,000 Prison Bed Facilities CMAR Expansion project (ASPC Yuma WWTP expansion, ASPC Perryville water system expansion, and ASPC Tucson water system expansion)	Tony Zelenak, AZ Dept. of Corrections – 602-364-4294	●	●	●	●	
ADOA ASPC Lewis - Water & Wastewater System Improvements	David Watkins – 602-279-4373	●	●			●
ADOA ASPC Tucson - Water Production, Storage, and Pumping Facilities Assessment Report	Tony Zelenak, AZ Dept. of Corrections – 602-364-4294	●			●	
Ak-Chin Indian Community Water and Wastewater Capital Improvements	Jayne Long – 602-329-2121	●	●	●	●	●
Central Arizona Project Brackish Groundwater Treatment Feasibility Study	Chuck Cullom – 623-869-2665					●
City of Phoenix / SROG USBR Salinity Research on Concentrate Management Pilot Demonstration	Brandy Kelso – 602-495-7676		●			●
City of Phoenix / USBR Reverse Osmosis Recovery Maximization	Steve Dundorf – 303-445-2263					●
City of Surprise SPA 2 2.0-mgd Membrane WRF (CMAR)	Gene Leap – 602-216-7200 (Former PM w/Surprise)		●	●	●	●
Avondale WWTP Expansion, 3rd Party Construction Management	David Fitzhugh – 623-333-4400		●	●	●	
Central Arizona Project Tonopah Desert Groundwater Recharge	Chuck Cullom – 623-869-2333	●		●		
Chandler Heights Recharge Project	Bob Fortier – 480-782-3591		●	●	●	
Chandler Tumbleweed Park Recharge Facility Phases 1 and 2 Expansion, Phase 3 Aquifer Storage & Recovery Well Expansion	David Siegel – 480-782-3800		●	●	●	
Mesa Warner Road Lift Station and Associated Piping	William Fick – 480-644-2515		●	●		
Mesa, Gilbert, and Queen Creek Greenfield WRP Phase II Expansion	William Fick – 480-644-2515		●	●		
Peoria Greenway WTP Design and Construction Phase 1	Bill Mattingly – 623-773-5151	●		●	●	
Phoenix Hayden Road Crossover Pump Station Construction Management	Rick Shane – 602-534-6849	●		●	●	
Tempe Johnny G. Martinez WTP Water Quality Improvements	Mark Weber – 480-350-8526	●		●		
Yuma Agua Viva Water Treatment Facility Design and Construction Management	Jay Simonton – 928-373-4507	●		●	●	
Gilbert Lindsay-Road 4-MG Reservoir and Pump Station (Design-Build)	Mark Horn - 480-503-6420	●		●	●	
Gilbert Riparian Preserve at Water Ranch	Mark Horn – 480-503-6420	●	●	●	●	
Gilbert Riggs Road 2-MG Reservoir, Booster Pump Station, and Well (Design-Build)	Patrick Slusser – 480-632-6962 (Former Gilbert PM)	●		●	●	
City of Phoenix Well 299 Design, Permitting, and Optimization	Gary Gin – 602-262-6251	●		●		
City of Chandler Alamosa Wells Equipping	Bob Fortier – 480-782-3591	●		●	●	
City of Phoenix / SROG 91st Avenue Wastewater Treatment Plant Primary Sludge Booster Pump Station	Jeff Cowee – 602-262-6811		●		●	

Required Statements

Licenses

Carollo Engineers, Inc. (Carollo) is licensed in the State of Arizona and is also registered as a member of the State of Arizona Board of Technical Registration (No. 10099). Arizona Professional Engineers' registration numbers for proposed team members are provided in the team tables on pages 1-2 through 1-5.

Tax Identification Number

Carollo Engineers, Inc. FEIN No.: 86-0899222

Change in Key Personnel

Carollo has structured a team of professionals with a strong desire to continue to work with the ADOA and are committed to making your projects successful. We will not substitute any individual on our team (illustrated in the organization chart on page 1-2) without the direct consent of the ADOA.

Terms and Conditions

Carollo has no exceptions to the State of Arizona's Uniform Terms and Conditions. We will conform to the terms, conditions, and scope of work developed for each specific project, understanding that all parties involved in the specific contract will review prior to execution of the contract.

Subconsultants

Carollo is a fully, multi-disciplined firm that will efficiently complete your projects. However, should the need arise, we will utilize specialty subconsultants (geotechnical, survey, environmental, landscape, hydrogeologic, public relations, etc). Carollo endeavors to utilize minority and women-owned (M/WBE) firms, local to the communities, to support our projects.

Disclosure

Carollo has never been debarred, suspended, or otherwise lawfully precluded from participating in any public procurement activity, including being disapproved as a subcontractor with any Federal, state, or local government.