DEFINITIONS

Architect Services, Engineer Services, Land Surveying Services, Assayer Services, Geologist Services and Landscape Architect Services: Those professional services within the scope of the practice of those services as provided in ARS § 32-101.

Branch Office: A geographically distinct place of business or subsidiary office of a firm that has a key role on the team.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Firm: Defined in ARS § 32-101(B.19.).

Key Personnel: Individuals who will have major contract responsibilities and/or provide unusual or unique expertise.

SPECIFIC INSTRUCTIONS:

1 . Complete this form for each branch office seeking work under this RFQ.

a . – e. **Firm (or Branch Office) Name and Address.** Self-explanatory.

f. **Year Established**. Enter the year the firm (or branch office, if appropriate) was established under the current name.

g. **Ownership**.

(g1). *Type*. Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).

(g2). *Small Business Status*. A firm is a small business if the firm has less than 100 employees **or** has gross revenues of $4 million or less.

h.-j. **Point of Contact**. Provide this information for a representative of the firm that the Customer can contact for additional information. The representative must be empowered to speak on contractual and policy matters.

k. **Name of Firm**. Enter the name of the firm.

2. **Employees by Discipline**.

a. Select disciplines from the List of Disciplines (Function Code) listed on Page 3 of 4 Instructions. For employees that do not qualify for any of the disciplines, select Other. *Note: The intended searchable database indicated in the RFQ will be populated from the Qualifications Form I Excel attachment only.*

b. Each person can be counted only twice; once for his/her primary function and once for his/her secondary function. Primary and secondary functions should be indicated by including a “P” or an “S” in column b after the Description Title is given.

c-d. If the form is completed for a firm (including all branch offices), enter the number of employees by disciplines in column c. If the form is completed for a branch office, enter the number of employees by discipline in column d and for the firm in column c.

3. **Profile of Firm's Experience and Annual Average Revenue for Last Year**.

a. Enter the approximate number of projects the firm (or branch) has done attributable by Profile Code listed on Page 3 of 4 Instructions over the last year.

b. Enter the appropriate Profile Codes from Instructions Pages 3 of 4 that represent the type of work the firm (or branch) has done over the last year.

c. Using the Revenue Index Number on Page 3 of 6 Form, indicate the approximate revenue the firm has

earned over the last year per Profile Code entered into the table.

4. **Resumes of Key Personnel Proposed for This Contract.** Complete this section for each key person who will participate in this contract.

    a. Self-explanatory.
    b. Self-explanatory
    c. Total years of relevant experience (block c1), and years of relevant experience with current firm, but not necessarily the same branch office (block c2).
    d. Name, City and State of the firm where the person currently works, which must correspond with one of the firms (or branch office or a firm, if appropriate) listed in Section 1.
    e. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.
    f. Provide information on current relevant professional registration(s) and in which State(s) they are current.
    g. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.
    h. Provide information on no more than five (5) projects in the last year which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section 5 for the project team if the person was not involved in any of those those projects or the person worked on other projects that were more relevant than the team projects in Section 5. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role.

5. **Example Projects Which Best Illustrate Firms Qualification for this contract.** Select project where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section 5 for each project. List no more than five (5) projects.

    a. Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
    b. Enter the year completed of the professional services (such as planning, engineering study, or design), and/or the year completed if construction. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block f).
    c. Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual.
    d. Provide the original budget or not to exceed dollar amount for the project.
    e. Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage compete and whether this project will be on budget, over or under budget.
    f. Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss the relevance of the example project to this contract.

6. **Additional Information**. Use this section to provide additional information you feel may be necessary to describe your firm's qualifications for this contract.

7. **Annual Average Professional Services Revenues of Firm for Last 3 Years**. Complete this block for the firm or branch office for which this form is completed. In column a, enter an approximate percentage of total work attributable to State, Federal or Municipal Work. In column b, enter an approximate percentage of total work attributable to Non-Government work. Percentages should take into consideration work completed over the last 3 years.

8. **Authorized Representative**. An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

List of Disciplines (Function Codes) for Question 7

Aeronautical Engineer
Agricultural Engineer
Archeologist
Architect
Architectural Engineering
Biologist
CADD Technician
Chemical Engineer
Civil Engineer
Construction Manager
Construction Inspector
Control Systems Engineer
Cost Engineer/Estimator
Ecologist
Electrical Engineer
Environmental Engineer
Environmental Scientist
Fire Protection Engineer
Geodetic Surveyor
Geographic Information System Specialist
Geological Engineer
Geologist
Hydrographic Surveyor
Hydraulic Engineer
Hydrologist
Industrial Engineer
Landscape Architect
Mechanical Engineer
Metallurgical Engineer
Mining Engineer
Nuclear Engineer
Petroleum Engineer
Photogrammetrist
Project Manager
Sanitary Engineer
Soils Engineer
Structural Engineer
Technician/Analyst
Transportation Engineer
Water Resources Engineer

List of Experience Categories (Profile Codes for Question 8)

Acoustics, Noise Abatement
Aerial Photography; Airborne Data and Imagery Collection and Analysis
Activity Centers
Air Pollution Control
Airports; Navaids; Airport Lighting; Aircraft Fueling
Airports; Terminals and Hangars; Freight Handling
Agricultural Development; Grain Storage; Farm Mechanization
Animal Facilities
Anti-Terrorism/Force Protection
Area Master Planning
Auditoriums and Theaters
Automation; Controls; Instrumentation
Barracks; Dormitories
Bridge Design: Bridges
Cartography
Cemeteries *(Planning and Relocation)*
Chemical Processing and Storage
Child Care/Development Facilities
Codes; Standards; Ordinances
Cold Storage; Refrigeration and Fast Freeze
Commercial Building *(Low Rise)*; Shopping Centers
Community Facilities
Communications Systems; TV; Microwave
Computer Facilities
Conservation and Resource Management
Construction Management
Construction Surveying
Corrosion Control; Cathodic Protection Electrolysis
Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting
Cryogenic Facilities
Construction Materials Testing
Dams *(Concrete; Arch)*
Dams *(Earth; Rock)*; Dikes; Levees
Desalinization *(Process and Facilities)*
Design-Build - Preparation of Requests for Proposals
Digital Elevation and Terrain Model Development
Digital Orthophotography
Dining Halls; Clubs; Restaurants
Dredging Studies and Design
Design & Planning Structured Parking Facilities
Detention Security Systems
Disability / Special Needs
Ecological and Archeological Investigations
Educational Facilities; Classrooms
Electrical Studies and Design
Electronics
Elevators; Escalators; People-Movers
Energy / Water Auditing Savings
Energy Conservation; New Energy Sources
Environmental Impact Studies, Assessments or Statements
Fallout Shelters; Blast-Resistant Design
Fire Protection
Fisheries; Fish Ladders
Forensic Engineering
Garages; Vehicles Maintenance Facilities; Parking
Gas Systems *(Propane; Natural, Etc.)*
Geodetic Surveying: Ground and Airborne
Heating; Ventilating; Air Conditioning
Highways; Streets; Airfield Paving; Parking Lots
Historical Preservation
Hospital and Medical Facilities
Hotels; Motels
Housing (Residential, Multi-Family; Apartments; Condominiums)
Hotels; Motels
Hydraulics and Pneumatics
Hydrographic Surveying
Industrial Buildings; Manufacturing Plants
Industrial Processes; Quality Control
Industrial Waste Treatment
Intelligent Transportation Systems
Infrastructure
Irrigation; Drainage
Judicial and Courtroom Facilities
Laboratories; Medical Research Facilities
Land Surveying
Landscape Architecture
Libraries; Museums; Galleries

Lighting *(Interior; Display; Theater, Etc.)*
Lighting *(Exteriors; Streets; Memorials; Athletic Fields, Etc.)*
Labs - General
Labs – Research – Dry
Labs – Research – Wet
LEED Accredited A/E
LEED Independent 3rd Party Building Commissioning
Mapping Location/Addressing Systems
Materials Handling Systems; Conveyors; Sorters
Metallurgy
Materials Testing
Measurement / Verification / Conservation Water Consumption Savings
Mining and Mineralogy
Medical Related
Modular Systems Design; Fabricated Structures or Components
Mold Investigation
Museums
Nuclear Facilities; Nuclear Shielding
Office Buildings; Industrial Parks
Outdoor Recreation
Petroleum and Fuel *(Storage and Distribution)*
Photogrammetry
Pipelines *(Cross-Country - Liquid and Gas)*
Phase I Environmental
Prisons & Correctional Facilities
Plumbing and Piping Design
Prisons and Correctional Facilities
Product, Machine Equipment Design Pneumatic Structures, Air-Support Buildings Power Generation, Transmission, Distribution Public Safety Facilities
Radar; Sonar; Radio and Radar Telescopes
Radio Frequency Systems and Shielding's
Railroad; Rapid Transit
Recreation Facilities *(Parks, Marinas, Etc.)*
Refrigeration Plants/Systems
Rehabilitation *(Buildings; Structures; Facilities)*
Research Facilities
Resources Recovery; Recycling
Roof Infrared Imaging to Identify Water Leaks
Roofing
Safety Engineering; Accident Studies; OSHA Studies
Security Systems; Intruder and Smoke Detection
Seismic Designs and Studies
Sewage Collection, Treatment and Disposal
Soils and Geologic Studies; Foundations
Solar Energy Utilization
Solid Wastes; Incineration; Landfill
Special Environments; Clean Rooms, Etc.
Structural Design; Special Structures
Surveying; Platting; Mapping; Flood Plain Studies
Sustainable Design
Swimming Pools
Storm Water Handling and Facilities
Specifications Writing
Toxicology
Testing and Inspection Services
Traffic and Transportation Engineering
Topographic Surveying and Mapping
Towers *(Self-Supporting and Guyed Systems)*
Tunnels and Subways
Traffic Studies
Transportation
Urban renewals; Community Development
Utilities *(Gas and Steam)*
Value Analysis; Life-Cycle Costing
Warehouse and Depots
Water Resources; Hydrology; Ground Water
Water Supply; Treatment and Distribution
Wind Tunnels; Research/Testing Facilities Design
Waste Water Treatment Facility
Water Well Rehabilitation; Water Well Work
Zoning; Land Use Studies

(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:	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
Architect	P	2	2
CADD Technician	P	67	8
Chemical Engineer	P	6	2
Civil Engineer	P	129	19
Construction Engineer	P	4	0
Construction Inspector	P	19	1
Construction Manager	P	9	0
Control Systems Engineer	P	18	0
Electrical Engineers	P	21	1
Environmental Engineers	P	184	23
Mechanical Engineers	P	17	1
Sanitary Engineers	P	1	0
Structural Engineers	P	20	2
Other Employees	P	139	33
Total		636	92

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

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	
SEE SEPARATE PDF FILE FOR KEY PERSONNEL		1. TOTAL	2. WITH CURRENT FIRM

d. FIRM NAME AND LOCATION *(City and State)*

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

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

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction (*if applicable)*
1)	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐	
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction (*if applicable)*
2)	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
3)	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
4)	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
5)	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☐ Check if project performed with current firm	

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)*
SEE SEPARATE PDF FILE FOR EXAMPLE PROJECTS		

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT

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

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:	**2**
b.	Percentage of Total Work Attributable to Non-Government Work:	**10**

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

Signature: _____ Date: 12/12/13

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

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 31	2. WITH CURRENT FIRM 29

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
MS Civil/Environmental Engineering
BS Civil Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Civil Engineer - AZ, NV, TX, NM
Wastewater Treatment Plant Operator, Grade 2 - AZ

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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: 2010 | Construction *(if applicable)*: 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 (est
Professional Services: 2013 | Construction *(if applicable)*: 2014 (est)

(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 (est)

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: 2012 | Construction *(if applicable)*: 2014 (est)

(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 Las Vegas Downtown Interceptor Rehabilitation, Las Vegas, Nevada

(2) Year Completed: 2011 (est)
Professional Services: 2011 | Construction *(if applicable)*:

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
[X] Check if project performed with current firm

Project manager for this fast track rehabilitation of a major interceptor which includes 10,915 feet of 42 to 54-inch RCP CIPP rehabilitation. Firm Cost: $6,546,826: Construction Cost: $9,000,000 (est)

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: 2009 | Construction *(if applicable)*: 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

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	
Andrew Gilmore, P.E.	Project Manager	1. TOTAL 16	2. WITH CURRENT FIRM 7

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*	f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
MS Water Engineering BS Engineering Geology	Civil Engineer - AZ, CA Professional Engineer - NM

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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, Arizona

(2) Year Completed 2014

Professional Services	Construction *(if applicable)*
2013	2014 (est)

(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, 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 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 (est)

Professional Services	Construction *(if applicable)*
2013	2014 (est)

(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 (est)

4)

(1) TITLE AND LOCATION *(City and State)*
City of Chandler Ocotillo Water Reclamation Process Facility Assessment, Chandler, Arizona.

(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 manager performing an assessment of the condition and functionality of all key treatment process at the facility and recommending a prioritized list of improvements to align with the City's CIP budgets for the next five years. Professional Services: $260,470

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

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

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 19	2. WITH CURRENT FIRM 19

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
MS Environmental Engineering
BS Chemical Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Civil Engineer - AZ

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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: 2010 | Construction *(if applicable)*: 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: 2013 | Construction *(if applicable)*: 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: 2011 | Construction *(if applicable)*: 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: 2010 | Construction *(if applicable)*: 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: 2008 | Construction *(if applicable)*: 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

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	
Brad Tackett, P.E.	Civil / Sanitary Support	1. TOTAL 11	2. WITH CURRENT FIRM 8

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
MSE Civil / Environmental Engineering
BS Civil Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Civil Engineer - AZ

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

H. RELEVANT PROJECTS

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

(2) Year Completed: 2012
Professional Services: 2011
Construction *(if applicable)*: 2012

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
[X] Check if project performed with current firm

Project manager 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

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 (est)
Professional Services: 2013
Construction *(if applicable)*: 2014 (est)

(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 (est)

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: 2012
Construction *(if applicable)*: 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

4)
(1) TITLE AND LOCATION *(City and State)*
Quechan Indian Tribe Wastewater Treatment Options Study, Yuma, Arizona

(2) Year Completed: 2011
Professional Services: 2011
Construction *(if applicable)*: N/A

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
[X] Check if project performed with current firm

Project manager to investigate wastewater treatment options for the Fort Yuma Indian Reservation, which include whether to remove the Tribe's wastewater flows from the City's collection systems and treatment process so that they can beneficially utilize the effluent for the Tribe. Professional Services: $120,058

5)
(1) TITLE AND LOCATION *(City and State)*
Pascua Yaqui Tribe Water Reclamation Facility, Tucson, Arizona

(2) Year Completed: 2013
Professional Services: 2012
Construction *(if applicable)*: 2013

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE
[X] Check if project performed with current firm

Project engineer for design of a new 1.3-mgd water reclamation facility and a new Central Arizona Project (CAP) pipeline to deliver water to the Tribe's new golf course, as well as an influent pump station and pipeline to deliver flows to the water reclamation facility. Professional Services: $2,000,000; Construction: $20,000,000

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 12	2. WITH CURRENT FIRM 7

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
BS Mechanical Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Civil Engineer - AZ, CA
Mechanical Engineer - AZ

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

H. RELEVANT PROJECTS

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

(2) Year Completed: Professional Services 2014; Construction *(if applicable)* 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

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, Arizona

(2) Year Completed: Professional Services 2012; Construction *(if applicable)* 2013

(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: $2,800,000

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, Arizona

(2) Year Completed: Professional Services 2013; Construction *(if applicable)* 2014 (est)

(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: $2,000,000 (est)

4)
(1) TITLE AND LOCATION *(City and State)*
City of Prescott Airport Well No. 3 Arsenic Treatment Design and CA&I, Prescott, Arizona

(2) Year Completed: Professional Services 2013; Construction *(if applicable)* N/A

(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

5)
(1) TITLE AND LOCATION *(City and State)*
City of Phoenix Western Canal Well Field Phase 1, Phoenix, Arizona

(2) Year Completed: Professional Services 2012; Construction *(if applicable)* 2013

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

[X] Check if project performed with current firm

Project engineer for the Phase 1 Western Canal Well Field Feasibility Study, City of Phoenix, Arizona. Project involved obtaining site specific water quality and hydrogeologic data; performing field subsurface evaluations; evaluating the sustainability and economics of various groundwater pumping scenarios; assessing real-estate/land acquisition issues for the proposed well sites and water pipeline corridor alternatives; assessing associated right-of-way issues; developing conceptual centralized treatment system final report. Professional Services: $1,235,401

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	
Eric McLeskey, P.E.	Civil/Sanitary Support	1. TOTAL 8	2. WITH CURRENT FIRM 8

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
MS Civil/Environmental Engineering
BS Conservation Biology

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Civil Engineer - AZ

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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: 2013 | Construction *(if applicable)*: 2014 (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 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: 2012 | Construction *(if applicable)*: 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 (est)
Professional Services: 2014 | Construction *(if applicable)*: 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: 2012 | Construction *(if applicable)*: 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: 2015 (est) | 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

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 29	2. WITH CURRENT FIRM 14

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
BS Mechanical Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Mechanical Engineer - AZ

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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: 2010 | Construction *(if applicable)*: 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: 2011 | Construction *(if applicable)*: 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: 2012 | Construction *(if applicable)*: 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 (est)
Professional Services: 2014 | Construction *(if applicable)*: N/A

(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: 2009 | Construction *(if applicable)*: 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

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 6

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
BS Electrical Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Electrical Engineer - AZ, CA
Professional Engineer - NM, CO

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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 (est)
Professional Services: 2013
Construction *(if applicable)*: 2014 (est)

(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: 2014
Construction *(if applicable)*: 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 (est)
Professional Services: 2012
Construction *(if applicable)*: 2014 (est)

(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: 2010
Construction *(if applicable)*: 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: 2010
Construction *(if applicable)*: 2010

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

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 15	2. WITH CURRENT FIRM 12

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
BS Chemical Engineering
BS Civil Engineering

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*
Structural Engineer - AZ, NV; CIvil Engineer - WA
Professional Engineer - CO

g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, 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: 2010
Construction *(if applicable)*: 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: 2009
Construction *(if applicable)*: 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 (est)
Professional Services: 2012
Construction *(if applicable)*: 2014 (est)

(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: 2011
Construction *(if applicable)*: 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: 2010
Construction *(if applicable)*: 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 (est)

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Arizona Department of Administration	Firm Cost: $179,987	Construction: $500,000 (est)

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

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

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's wastewater percolation basins.

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 .DOLLAR 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 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 the system to Tucson Water, new water storage tanks, pump skid replacements, water line re-routing, a new 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, with McCarthy Building Company as the selected CMAR. The facility was completed, including start-up, in January 2010 and has been in operation since for approximately 3.5 years of total service. The facility has had 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 .DOLLAR 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 hart 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 in that the project was delivered under budget and prior to the opening of the Community's family entertainment complex. The Ak-Chin Indian Community is very proud of its recent growth and prosperity. Many Community members vividly recall using outhouses and hauling their drinking water from wells. Community development has rapidly changed the way of life at Ak-Chin, and today, the Community proudly owns and operates a new state-of-the-art surface water treatment plant. Project received the Water Treatment Project of the Year (2013) AZ Water Association.

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 .DOLLAR 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 of Casa Grande (City) experienced rapid growth in early 2000, and despite the economic slowdown that started in 2007, the City has emerged as a center of economic growth within Pinal County Arizona. To accommodate the past and future growth potential, the City foresaw the need to have treatment and water reuse capacity to handle both current flows and the future growth, and recognized the need to expand their only Wastewater Reclamation Facility (WRF).

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 by Hunter to coordinate the 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.

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	2014

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
ABCWUA, New Mexico	Firm Cost: $369,957	Construction: $15,000,000 (est)

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.

carollo
Engineers...Working Wonders With Water®

80 YEARS
Working Wonders

WATER
OUR FOCUS
OUR BUSINESS
OUR PASSION

December 12, 2013

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: ADSPO14-00003465

Dear Ms. Bauer:

The Arizona Department of Administration (ADOA) State Procurement Office requires an integrated team of professionals to assist with important upcoming projects. On-call projects that require a broad array of services demand a team with the right resources, in the right place, at the right time. The proposed Carollo team meets these requirements to help you overcome your water and wastewater challenges.

Carollo is a leading expert in the planning, design, permitting, and construction management of water, wastewater, and reclaimed water projects for public agencies, municipalities, and private industrial firms throughout the United States. Areas of expertise include:

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

We have assembled a team of individuals who have significant experience in serving the ADOA and the Department of Corrections on previous water and wastewater related work, including the Arizona State Prison Complexes located in Yuma, Tucson, Goodyear, and Buckeye. These projects include the 500 Bed Maximum Custody Facility Design and the 4,000 Prison Bed Facilities Expansion, both of which used 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, and the Wastewater Treatment Plant Design; and the ASPC Tucson Wastewater Treatment Plant.

We are committing John Doller as the team's project director and Andrew Gilmore as the team's project manager. They have served in similar roles assisting other utilities and Andrew is a familiar face to the ADOA. They both understand the importance of visionary leadership and communication for all projects. John and Andrew will be supported by a full range of other Carollo engineers and specialists who are industry leaders in their chosen area of specialty. They bring innovative ideas to address today's water and wastewater issues that will stand the test of time.

We are ready to go. Our Statement of Qualifications and supporting information is formatted to present information as requested. It is brief, but nonetheless, supported by a depth and wealth of experience, skill, and 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

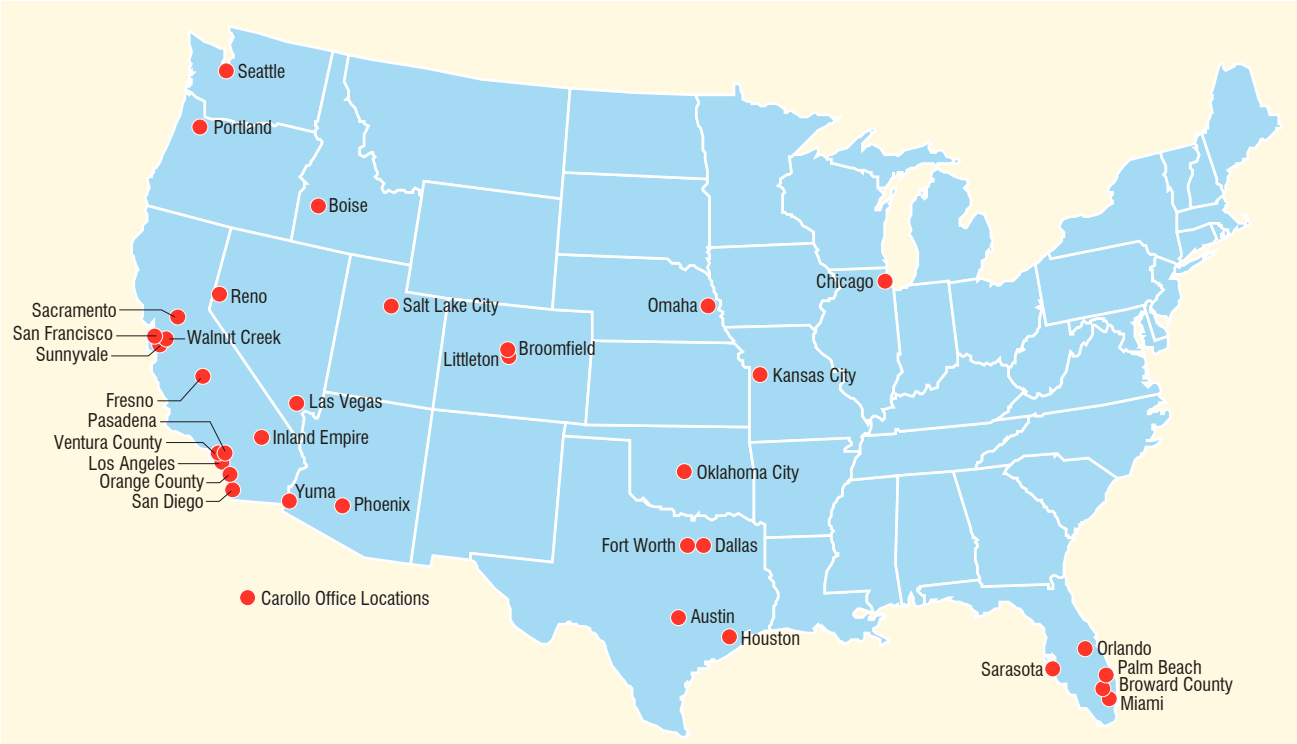
Introduction

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 serving clients in Arizona since 1933. We currently maintain 34 offices in 14 states and have 660 employees nationwide, with 156 employees and 46 registered engineers located in our Phoenix office. 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.

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 80 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 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."*** Therefore, each of our projects incorporates a detailed program for quality with the goal being 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.



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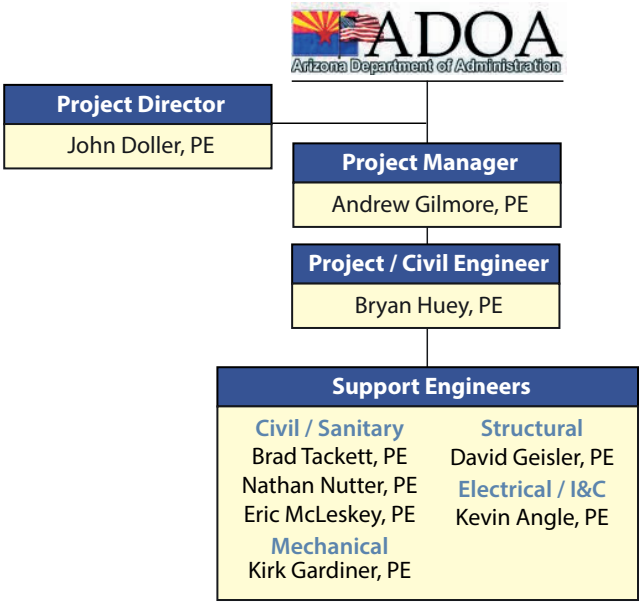
Team Experience and Qualifications

The success of your projects hinges on the 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 the Wastewater Treatment Plant Design; and the ASPC Tucson Wastewater Treatment Plant.

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 both Andrew and Bryan are familiar faces to the ADOA. Our team



offers a unique combination of local understanding, experience, commitment to service, technical innovation, and fresh perspectives that are well suited to address any of your water and wastewater project needs.

The organization chart highlights key individuals and their role in your projects. Brief biographies are presented on the following pages.

TABLE TITLE OF QUALIFICATIONS OF KEY TEAM MEMBERS

Key Team Member	Qualifications / Experience
John Doller, PE **Project Director** Education MS Civil/Environmental Eng. BS Civil Engineering Registration Civil Engineer, AZ (18672), NM (19101), NV (17446), TX (111964) Certification Wastewater Treatment Plant Operator, Grade 2, AZ Professional Affiliations American Water Works Assoc. Water Environment Federation AZ Water Association Design-Build Institute of America Water Design-Build Council Construction Management Association of America	John is a senior vice president with Carollo and had 31 years of experience managing and completing projects from preliminary studies through construction. He has functioned in this capacity on numerous water / wastewater projects throughout Arizona and the Southwest. John has a thorough understanding of the technologies, stakeholders, and drivers that shape our industry, having extensive experience in project management, and adherence to schedules and budgets. John currently serves as Carollo's national director of project delivery overseeing all program management, construction management, operations, and alternative delivery projects for the company. Project experience includes: ▶ **Principal-in-charge for the ADOA 4,000 Prison Bed Expansion CMAR project, which included the ASPC Yuma WWTP Expansion, ASPC Perryville Water System Expansion, and ASPC Tucson Water System Expansion.** ▶ Principal-in-charge for the Albuquerque Bernalillo County Water Utility Authority Southside Water Reclamation Facility Solids Dewatering Facility, Albuquerque, NM. ▶ Principal-in-charge for the City of Prescott Airport Water Reclamation Facility Expansion Design and Construction Administration, Prescott, AZ. ▶ Technical advisor for the City of Casa Grande Water Reclamation Facility Phase 3 Expansion, City of Casa Grande, AZ. ▶ Project manager for the City of Las Vegas Downtown Interceptor Rehabilitation, Las Vegas, NV ▶ Principal-in-charge for the City of Goodyear Water and Sewer Pipelines Design-Build project, Goodyear, AZ.

TABLE TITLE OF QUALIFICATIONS OF KEY TEAM MEMBERS

Key Team Member	Qualifications / Experience
Andrew Gilmore, PE **Project Manager** Education MS Water Engineering BS Engineering Geology Registration Civil Engineer, AZ (41462), CA (66158) Professional Engineer, NM (21245) Professional Affiliations Water Environment Federation (Professional Development Committee) AZ Water Association (Wastewater Treatment Committee) Arizona Public Works Association	Andrew is an associate vice president with Carollo and has 16 years of experience in project management, water / wastewater process and design, civil site design, environmental remediation and investigations / delineations, and hydrologic investigations and interpretations. Andrew's experience also includes permitting for a wide range of water and wastewater projects. Project experience includes: ▶ **Principal-in-charge for the ADOA SPC 500 Bed Maximum Facility Custody Expansion, Buckeye, AZ.** ▶ **Project manager for the ADOA 4,000 Prison Bed Expansion CMAR project, which included the ASPC Yuma WWTP Expansion, ASPC Perryville Water System Expansion, and ASPC Tucson Water System Expansion.** ▶ Project engineer for the Albuquerque Bernalillo County Water Utility Authority, Albuquerque, NM - Southside Water Reclamation Facility Solids Dewatering Facility. ▶ Project manager for the City of Chandler, AZ - Ocotillo Water Reclamation Process Facility Assessment. ▶ Project manager for the City of Casa Grande, AZ - Phase 3 Expansion design, construction administration, and inspection. ▶ Process engineer for the Ak-Chin Indian Community, Maricopa, AZ - Membrane WRF planning and design. ▶ Process engineer for the City of Surprise, AZ - SPA 2 2.0-mgd Membrane WRF permitting, design, and construction administration services. ▶ Project manager for the City of Eloy, AZ - Phase 1 Expansion Headworks Replacement design and construction projects.
Bryan Huey, PE **Project / Lead Civil Engineer** Education MS Environmental Engineering BS Chemical Engineering Registration Civil Engineer, AZ (33428) Professional Affiliations American Water Works Assoc. AZ Water Association American Membrane Technology Association	Bryan is an associate with Carollo and has 19 years of experience including the design and construction of municipal water, wastewater, and associated infrastructure facilities. His experience includes conducting pilot plant studies as a design engineer, project engineer, project manager, and in the field as a resident engineer. Project experience includes: ▶ **Water task leader for the ADOA 4,000 Prison Bed Expansion CMAR project, which included the ASPC Perryville Water System Expansion, and ASPC Tucson Water System Expansion.** ▶ Process engineer for the City of Phoenix, AZ Union Hills Water Treatment Plant (WTP) Solids Handling Improvement Design Services. ▶ Start-up and commissioning engineer for the Ak-Chin Indian Community, Maricopa, AZ - Membrane WRF and Surface WTP. ▶ Project manager for the City of Yuma, AZ - Main Street WTP Chlorine Scrubber and Sedimentation Basin Rehabilitation. ▶ Project manager for the Town of Gilbert, AZ - Riggs Road 2-MG Reservoir, Booster Pump Station, and Well Design-Build project. ▶ Project engineer for the Town of Gilbert, AZ - North WTP Phase 3 Expansion to 45-mgd Design-Build project.

TABLE TITLE OF QUALIFICATIONS OF KEY TEAM MEMBERS

Key Team Member	Qualifications / Experience
Brad Tackett, PE **Civil / Sanitary Support Engineer** Education MSE Civil/Environ. Engineering BS Civil Engineering Registration Civil Engineer, AZ (42635) Professional Affiliations AZ Water Association ASCE, AWWA	Brad is a senior engineer with Carollo and has 11 years of experience in water main design, land development, sanitary sewer design, pump stations, and water treatment plant projects. Project experience includes: ▶ Project manager for the Ak-Chin Indian Community, Maricopa, AZ - Surface WTP design and construction project. ▶ Security lead for the Albuquerque Bernalillo County Water Utility Authority, Alubquerque, NM - Southside Water Reclamation Facility Solids Dewatering Facility. ▶ Project engineer for the Town of Gilbert, AZ 2 MG Reservoir and Pump Station at Ray and Recker Roads. ▶ Project manager for the Quechan Indian Tribe Wastewater Treatment Options Study, Yuma, Arizona ▶ Project engineer for the Pascua Yaqui Tribe Water Reclamation Facility Design, Tucson, Arizona.
Nathan Nutter, PE **Civil / Sanitary Support Engineer** Education BS Mechanical Engineering Registration Civil Engineer, AZ (44720) Mechanical Engineer, AZ (52220) Professional Affiliations AZ Water Association American Public Works Assoc.	Nathan has more than 12 years of experience in planning and design of water supply, wastewater collection and treatment, and reclamation systems; project coordination, including schedule development, progress and status reporting, and quality control; district engineering; and modeling experience. Nathan also has recent and relevant design experience with groundwater well rehabilitation and Aquifer Storage and Recovery (ASR) wells. Project experience includes: ▶ Project engineer for the City of Chandler, AZ Sewer Manhole Assessment Rehabilitation Odor Study and Design. ▶ Project manager / project engineer for the City of Phoenix, AZ - ASR Well 9A-Well 300 CA&I. ▶ Project engineer for the City of Phoenix, AZ - Cave Creek ASR Well Design and CA&I. ▶ Project engineer for the City of Prescott, AZ - Airport Well No. 3 Arsenic Treatment Design and CA&I. ▶ Project engineer for the City of Phoenix, AZ - Western Canal Well Field Phase 1.
Eric McLeskey, PE **Civil / Sanitary Support Engineer** Education MS Civil/Environ. Engineering BS Conservation Biology Registration Civil Engineer, AZ (51579) Professional Affiliations AZ Water Association American Water Works Assoc.	Eric has more than eight years of experience in civil infrastructure projects and water, wastewater, reclaimed water, and integrated water resources master planning studies. These projects included conducting pipe hydraulic analyses, developing water demand and wastewater load projections, asset management, sanitary sewer condition assessments, water resources planning, and permitting. His technical skills include hydraulic model development and calibration, designing field test plans for water and wastewater projects, and GIS spatial analysis. He is proficient with H2OMap Water / Sewer / SWMM, Water / Sewer GEMS, PCSWMM, EPANet, and ArcGIS. Project experience includes: ▶ **Project manager for the ADOA SPC 500 Bed Maximum Facility Custody Expansion, Buckeye, AZ.** ▶ Project engineer for the Town of Gilbert, AZ - 2 MG Reservoir and Pump Station at Ray and Recker Roads. ▶ Project engineer for the City of Chandler, AZ - Sewer Manhole Assessment Rehabilitation Odor Study and Design. ▶ Modeling lead for the Town of Gilbert, AZ - Integrated Water Resources Master Plan. ▶ GIS lead for the City of Peoria, AZ - Integrated Utility Master Plan.

TABLE TITLE OF QUALIFICATIONS OF KEY TEAM MEMBERS

Key Team Member	Qualifications / Experience
Kirk Gardiner, PE **Mechanical Engineer** Education BS Mechanical Engineering Registration Mechanical Engineer, AZ (22942) Professional Affiliations AZ Water Association American Public Works Assoc.	Kirk is an associate with Carollo and has 29 years of experience in mechanical design, plant operations and maintenance (O&M) work, specification development, equipment acquisition, and contract administration. Project experience includes: ▶ **Mechanical engineer for the ADOA 4,000 Prison Bed Expansion CMAR project, which included the ASPC Yuma WWTP Expansion, ASPC Perryville Water System Expansion, and ASPC Tucson Water System Expansion.** ▶ Mechanical engineer for the Ak-Chin Indian Community, Maricopa, AZ - Membrane WRF and Surface WTP design and construction. ▶ Mechanical engineer for the Town of Gilbert, AZ - 2 MG Reservoir and Pump Station at Ray and Recker Roads. ▶ Mechanical engineer for the City of Chandler, AZ - Sewer Manhole Assessment Rehabilitation Odor Study and Design. ▶ Mechanical engineer for the City of Casa Grande, AZ - Phase 3 Expansion design, construction administration, and inspection.
Kevin Angle, PE **Electrical / I&C Engineer** Education BS Electrical Engineering Registration Electrical Engineer, AZ (53655), CA (19994), NM (Pending), Professional Engineer, CO (42632) Professional Affiliations Institute of Electrical and Electronics Engineers (IEEE)	Kevin has six years of experience in the design of electrical power distribution systems and controls for water and wastewater projects. He is also experienced in the coordination of electrical work with civil, structural, and mechanical work, during both design and construction phases of a project. Project experience includes: ▶ E/I&C engineer for the Albuquerque Bernalillo County Water Utility Authority, Albuquerque, NM - Southside Water Reclamation Facility Solids Dewatering Facility. ▶ E/I&C engineer for the City of Chandler, AZ - Sewer Manhole Assessment Rehabilitation Odor Study and Design. ▶ E/I&C engineer for the City of Prescott, AZ - Airport WRF Expansion design and construction administration. ▶ E/I&C engineer for the City of Laredo, TX - Booster Station Improvements and 3-MG Elevated Storage Tank Design-Build project. ▶ E/I&C engineer for the City of Lubbock, TX - Digesters 8 and 9 Improvements.
David Geisler, PE **Structural Engineer** Education BS Civil Engineering BS Chemical Engineering Registration Structural Engineer, AZ (41080), NV (20450) Professional Affiliations ASCE, American Concrete Instit.	Davis is a senior structural engineer with Carollo, having more than 15 years of experience in structural analysis and design for water, wastewater and storm water facilities. He has also provide resident engineering services for environmental construction projects. Project experience includes: ▶ **Structural engineer for the ADOA 4,000 Prison Bed Expansion CMAR project, which included the ASPC Yuma WWTP Expansion, ASPC Perryville Water System Expansion, and ASPC Tucson Water System Expansion.** ▶ Structural engineer for the City of Casa Grande, AZ - Phase 3 Expansion design, construction administration, and inspection. ▶ Structural engineer for the City of Chandler, AZ - Airport Water Reclamation Facility Expansion. ▶ Structural engineer for the City of Chandler, AZ - Collection System Facility Improvements Lift Station Rehabilitation. ▶ Structural engineer for the Arizona Water Company Oasis Arsenic Treatment Facility Expansion.

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.

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.

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

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 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.

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.

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.

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 regimes improvements, reservoir mixing systems, and chlorine booster systems.

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

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

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.

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.

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 project 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

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.

in Water and Wastewater Treatment Grand Award (Bentley Be Inspired Award).

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 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 eight years, Carollo has participated in more than 20 alternative delivery projects including design-build, design-build-operate, and CMAR. 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 page highlight our company-wide correctional facility water and wastewater experience, as well as our local water and wastewater experience including references.

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 WWTP	●	●			●	●	Design-Bid-Build
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	Corocoran 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

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 – 520-568-1122	●	●	●	●	●
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	Troy Hayes – 602-262-4961	●		●	●	
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 – 480-503-6371	●		●	●	
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	Tom Walz – 602-262-1857		●		●	

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

Terms and Conditions

Carollo takes 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 has a fully, multi-disciplined staff to effectively and efficiently complete your projects. However, we will utilize specialty subconsultants (geotechnical, survey, environmental, landscape, hydrogeologic, public relations, etc.), when required. We are also committed to utilizing minority and women-owned (M/WBE) firms 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.