

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

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

**1. REVISED ADSP013-00003465: Annual Request for Qualifications**

a.	FIRM (OR BRANCH OFFICE) NAME:	<b>RITTOCH-POWELL &amp; Associates</b>
b.	FIRM (OR BRANCH OFFICE) STREET:	5727 N. 7 <sup>th</sup> Street, Suite 120
c.	FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85014
f.	YEAR ESTABLISHED:	1978
(g1).	OWNERSHIP - TYPE:	C-Corporation
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	SBA
h.	POINT OF CONTACT NAME AND TITLE:	Karl Obergh, PE President / Chief Executive Officer
i.	POINT OF CONTACT TELEPHONE NUMBER:	602.263.1177
j.	POINT OF CONTACT E-MAIL ADDRESS:	kobergh@ritochpowell.com
k.	NAME OF FIRM (If block 1a is a branch office):	N/A

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<b>2. EMPLOYEES BY DISCIPLINE</b>			
a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Architect	P	1	
CADD Technician	P	7	
CADD Technician	S	1	
Civil Engineer	P	12	
Civil Engineer	S	2	
Construction Manager	P	1	
Construction Inspector	P	2	
Geodetic Surveyor	P	4	
Geographic Information System	S	1	
Hydraulic Engineer	S	1	
Hydrologist	S	2	
Project Manager	S	8	
Sanitary Engineer	S	1	
Technician / Analyst	P	7	
Technician / Analyst	S	10	
Transportation Engineer	P	1	
Water Resources Engineer	P	2	
Other	P	8	
Other	S	9	
<b>Total</b>		<b>80</b>	

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<b>3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR</b>		
a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
2	Bridge Design; Bridges	1
7	Construction Management	3
4	Construction Surveying	3
1	Design-Build – Preparation of Request for Proposal	5
48	Highways; Streets; Airfield Paving; Parking Lots	6
1	Hospital and Medical Facilities	1
9	Housing (Residential; Multi-Family; Apartments; Condominiums)	3
18	Land Surveying	4
5	Mining and Mineralogy	1
2	Photogrammetry	1
2	Power Generation, Transmission, Distribution	1
8	Recreation Facilities (Parks, Marinas, Etc.)	3
11	Surveying; Platting; Mapping; Flood Plain Studies	1
20	Traffic and Transportation Engineering	4
15	Topographic Surveying and Mapping	3
12	Water Resources; Hydrology; Ground Water	3

**PROFESSIONAL SERVICES REVENUE INDEX NUMBER**

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

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**4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section 4 for each key person.)*

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
<b>KARL OBERGH, PE</b>	<b>Project Principal and Quality Assurance / Quality Control</b>	<b>23</b>	<b>9</b>

d. FIRM NAME AND LOCATION *(City and State)*  
**RITTOCH-POWELL & Associates** (Phoenix, Arizona)

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>BS, Civil Engineering</b>	f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>PE #34008, AZ - Civil Engineering; NM, CO, UT (Pending)</b>
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc)*  
**Publications:** 3-D Scanning, Railroad Electrification Project, San Jose CA, Whitepaper; MCDOT Design, Drafting & Production Manual, Phx, AZ 1999; **Organizations:** AZ Society of Professional Engineers; AZ Council of Engineering Companies; AZ Society of Civil Engineers; American Public Works Association

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> Project Principal & QA/QC		
2.	<b>ACOE #J1011-3-04 IFT Road Construction, Renovation &amp; Civil Site Work, Southern AZ</b>	<b>2013</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed surveying and construction staking for 27 civil site and roadways (SAR) for the Army Corps of Engineers along the Arizona border. <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$75,000; <b>Role:</b> Project Principal		
3.	<b>Lone Pine Dam and Bridge Design and Design Concept Report, Holbrook, AZ</b>	<b>2006</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided pre-design, final design, and post design services for the Lone Pine Dam Road and Bridge project, thus successfully taking the project from “cradle to grave”. <b>Size:</b> 1.25 miles rural roadway and 3 span bridge; <b>Cost:</b> \$1.1M; <b>Role:</b> Project Principal		
4.	<b>SR 95 and Mohave Rd Intersection (MP 142) – Colorado River Indian Tribe, Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Project Principal & QA/QC		
5.	<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided construction management services including construction inspection, construction survey staking, construction management and construction administration services for this federally funded Congestion Management Air Quality (CMAQ) project to widen and upgrade this freeway traffic interchange. <b>Size:</b> 1.4 miles of major urban arterial widening; <b>Cost:</b> \$649,000; <b>Role:</b> Project Principal		

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**4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section 4 for each key person.)*

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
<b>Peter H. Hemingway, PE</b>	<b>Project Manager</b>	1. TOTAL <b>30</b>	2. WITH CURRENT FIRM <b>&gt;1</b>

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

**RITTOCH-POWELL & Associates** (Phoenix, Arizona)

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

**BS, Civil Engineering**

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

**PE #23232, AZ Civil Engineering**

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

**American Society of Civil Engineers, Society of American Military Engineers, APWA, National Society of Professional Engineers, City of Phoenix-Development Services Advisory Board Chairperson 2001-2003, Arizona Minority Contractors Association Board of Directors, Southeast Valley Pop-Warner Football Coach, Board Member and VP; Arizona Town Hall**

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>Southern Arizona Veterans Memorial Cemetery, Sierra Vista, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Provided land survey, civil engineering, and construction management services for the Phase 2 Expansion and Enhancement of the Southern Arizona Veterans' Memorial Cemetery in Sierra Vista, Arizona. Project components included an additional columbaria plaza with two above-grade structures, additional hardscape, parking, private roadway paving, curb, and drainage improvements. <b>Cost: \$1.5M; Role: Project Principal</b>		
2.	<b>Emergency Department Facility at the Bob Stump Veterans Administration Medical Center, Prescott, AZ</b>	<b>2011</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm A new emergency department facility originally planned to be an expansion, this project has grown into a freestanding 2-story building. Work includes major utility relocations, new utility services, a new ambulance drop off area, and parking lot and drive isle reconfigurations/revisions. <b>Cost: \$3.5M; Role: Project Principal</b>		
3.	<b>Southern Arizona State Veterans Home, Tucson, AZ</b>	<b>2008</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Produced the 35% civil "bridging documents" for the eight-acre site, including one administrative building, four clustered residential buildings, parking areas, and drive isles. Civil challenges included the design tight utility corridor for domestic water, fire sanitary, and gas services to multiple buildings without crossing the enclosed building walkway system. <b>Cost: \$27M; Role: Project Principal</b>		
4.	<b>Phoenix Sky Harbor Rental Car Center, Phoenix, AZ</b>	<b>2008</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm As a part of the ABACUS Program Management team for this 135-acre development Pete was responsible for the civil services portion of the Scope of Work. He was responsible for the conceptual plan and/or design for grading and drainage; roadway, interior and offsite; plan reviews; utility removal and relocation; and traffic design. <b>Cost: \$150M; Role: Project Manager</b>		
5.	<b>McDowell Road Commercial Corridor, Goodyear, AZ</b>	<b>2008</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Roadway infrastructure for the Estrella Falls Mall and surrounding commercial development. This project will channelize Bullard Wash into a one-mile linear park with a bridge at McDowell Road over Bullard Wash. Project included survey, TOPO, right-of-way, and parcel descriptions, and legal descriptions. <b>Cost: \$65M; Role: Project Principal</b>		

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a. NAME		b. ROLE IN THIS CONTRACT		c. YEARS EXPERIENCE	
<b>FRANK HENDERSON, PE</b>		<b>Project Manager / Construction Manager</b>		1. TOTAL	2. WITH CURRENT FIRM
				<b>34</b>	<b>5</b>
d. FIRM NAME AND LOCATION <i>(City and State)</i>					
<b>RITTOCH-POWELL &amp; Associates</b> (Phoenix, Arizona)					
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
<b>BS, Civil Engineering</b>			<b>PE #28940, AZ - Civil Eng.; PE #062-049047, IL - Civil Eng.; PE #29751, WI - Civil Eng.; NM, CO, UT (Pending)</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc)</i>					
<b>American Public Works Assoc.; Arizona Society of Civil Engineers; Society of American Military Engineers</b>					

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> Assistant Project Manager		
2.	<b>ACOE #J1011-3-04 IFT Road Construction, Renovation &amp; Civil Site Work, Southern AZ</b>	<b>2013</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed surveying and construction staking for 27 civil site and roadways (SAR) for the Army Corps of Engineers along the Arizona border. <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$75,000; <b>Role:</b> QA/QC		
3.	<b>Lone Pine Dam and Bridge Design and Design Concept Report, Holbrook, AZ</b>	<b>2006</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided pre-design, final design, and post design services for the Lone Pine Dam Road and Bridge project, thus successfully taking the project from “cradle to grave”. <b>Size:</b> 1.25 miles rural roadway and 3 span bridge; <b>Cost:</b> \$1.1M; <b>Role:</b> Project Engineer and QA/QC		
4.	<b>SR 95 and Mohave Rd Intersection (MP 142) – Colorado River Indian Tribe, Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department Of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Assistant Project Manager		
5.	<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided construction management services including construction inspection, construction survey staking, construction management and construction administration services for this federally funded Congestion Management Air Quality (CMAQ) project to widen and upgrade this freeway traffic interchange. <b>Size:</b> 1.4 miles of major urban arterial widening; <b>Cost:</b> \$649,000; <b>Role:</b> Project Manager and Construction Manager		

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**4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section 4 for each key person.)*

a. NAME		b. ROLE IN THIS CONTRACT		c. YEARS EXPERIENCE	
<b>JOSH NIES, PE</b>		<b>Highway/Roadway Engineer</b>		1. TOTAL	2. WITH CURRENT FIRM
				<b>18</b>	<b>8</b>
d. FIRM NAME AND LOCATION <i>(City and State)</i>					
<b>RITTOCH-POWELL &amp; Associates</b> (Phoenix, Arizona)					
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>			f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>		
<b>MBA/BS, Civil Engineering</b>			<b>PE #39617, AZ - Civil Eng.</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc)</i>					
<b>Arizona Council of Engineering Companies; American Public Works Association</b>					

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>Lone Pine Dam and Bridge Design and Design Concept Report, Holbrook, AZ</b>	<b>2006</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided pre-design, final design, and post design services for the Lone Pine Dam Road and Bridge project, thus successfully taking the project from “cradle to grave”. <b>Size:</b> 1.25 miles rural roadway and 3 span bridge; <b>Cost:</b> \$1.1M; <b>Role:</b> Project Manager		
2.	<b>SR 95 and Mohave Road Intersection (MP 142) – Colorado River Indian Tribe (CRIT), Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department Of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Project Manager		
3.	<b>White Mountain Apache Tribe BIA SH532 03D Task order No. 3, Kayenta, AZ</b>	<b>2013</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Roadway Safety Improvement for the White Mountain Apache Tribe in the Globe District, Navajo County project is to prepare the project assessment, clearances, preliminary design to design, and final sealed construction documents for the subject project. <b>Size:</b> 50 miles of rural roadway; <b>Cost:</b> \$236,000; <b>Role:</b> Project Manager		
4.	<b>SR 86 (MP 141.1 to Reservation Boundary) - Tohono O’odham, Sells and Three Points/Robles Junction, AZ</b>	<b>2007</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided a Project Assessment (PA), drainage analysis, bridge design, SWPPP, utility coordination, Tucson District coordination and plant inventory/salvage. <b>Size:</b> 3.7 miles rural state highway; <b>Cost:</b> \$186,000; <b>Role:</b> Project Manager		
5.	<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>
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a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
<b>RAJ SHAH, PE</b>	<b>Drainage Engineer</b>	1. TOTAL <b>23</b>	2. WITH CURRENT FIRM <b>3</b>
d. FIRM NAME AND LOCATION <i>(City and State)</i> <b>RITTOCH-POWELL &amp; Associates</b> (Phoenix, Arizona)			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>BS, Civil Engineering</b>		f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>PE #27556, AZ - Civil Eng.</b>	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc)</i> <b>Arizona Council of Engineering Companies (ACEC); Arizona Society of Civil Engineers (AZ ASCE); American Public Works Association (APWA); Arizona Floodplain Management Association (AFMA)</b>			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> QA/QC		
2.	<b>SR 95 and Mohave Road Intersection (MP 142) – Colorado River Indian Tribe (CRIT), Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department Of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Drainage Engineer		
3.	<b>Lone Pine Dam and Bridge Design and Design Concept Report, Holbrook, AZ</b>	<b>2006</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided pre-design, final design, and post design services for the Lone Pine Dam Road and Bridge project, thus successfully taking the project from “cradle to grave”. <b>Size:</b> 1.25 miles rural roadway and 3 span bridge; <b>Cost:</b> \$1.1M; <b>Role:</b> Drainage Engineer		
4.	<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided construction management services including construction inspection, construction survey staking, construction management and construction administration services for this federally funded Congestion Management Air Quality (CMAQ) project to widen and upgrade this freeway traffic interchange. <b>Size:</b> 1.4 miles of major urban arterial widening; <b>Cost:</b> \$649,000; <b>Role:</b> Drainage Engineer		
5.	<b>Mawid Speed Humps and Drainage – GRIC / BIA, Sacaton, AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Phase 1 engineering design and layout for District 2 Mawid Subdivision speed humps and drainage project. This project involved coordination with BIA. <b>Size:</b> 1 mile of speed humps and 78-acres of drainage analysis; <b>Cost:</b> \$1,800; <b>Role:</b> Drainage Engineer		

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a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
<b>STEVE LEWIS, PE</b>	<b>Utilities Engineer</b>	1. TOTAL <b>18</b>	2. WITH CURRENT FIRM <b>8</b>
d. FIRM NAME AND LOCATION <i>(City and State)</i> <b>RITTOCH-POWELL &amp; Associates</b> (Phoenix, Arizona)			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>BS Civil Engineering</b>		f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>PE #34589, AZ - Civil Eng.; NM, CO, UT (Pending)</b>	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc)</i> <b>Arizona Council of Engineering Companies (ACEC); Arizona Society of Civil Engineers (AZ ASCE); American Public Works Assoc (APWA); Sahuaro Ranch Park/ACEC 2011 Engineering Excellence Grand Award Winner</b>			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> Project Manager		
2.	<b>ACOE #J1011-3-04 IFT Road Construction, Renovation &amp; Civil Site Work, Southern AZ</b>	<b>2013</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed surveying and construction staking for 27 civil site and roadways (SAR) for the Army Corps of Engineers along the Arizona border. <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$75,000; <b>Role:</b> Project Engineer		
3.	<b>Gila River Indian Community (GRIC) District 3 HUD Housing, Sacaton, AZ</b>	<b>2010</b>	<b>2010</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided planning and engineering services for 55 HUD-funded homes within GRIC District 3. Work included environmental assessments, boundary and topographic surveying, initial site planning, preliminary platting, establishment of subdivision development design guidelines, grading and drainage plans, water plans, sewer plans, paving plans, storm water prevention plans, and final platting. <b>Size:</b> 160-acre development; <b>Cost:</b> \$114,000; <b>Role:</b> Project Principal		
4.	<b>SR 86 (MP 141.1 to Reservation Boundary) - Tohono O'odham, Sells and Three Points/Robles Junction, AZ</b>	<b>2007</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided a Project Assessment (PA), drainage analysis, bridge design, SWPPP, utility coordination, Tucson District coordination and plant inventory/salvage. <b>Size:</b> 3.7 miles rural state highway; <b>Cost:</b> \$186,000; <b>Role:</b> Project Engineer		
5.	<b>SR 73 at MP 334 Drainage Repair Project – White Mountain Apache Tribe (WMAT)</b>	<b>2007</b>	<b>2008</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm SR 73 is a rural major collector at Milepost 334, the purpose of this project was to improve an existing wash crossing at approximately milepost (MP) 334 along SR 73. <b>Size:</b> 1.5 miles of rural state highway and 84" culvert; <b>Cost:</b> \$221,000; <b>Role:</b> Project Engineer		

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

**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	
<b>PHIL LORENZ, ACI, ATTI, ICC, MSA</b>	<b>Constructability Reviewer</b>	1. TOTAL <b>38</b>	2. WITH CURRENT FIRM <b>5</b>

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

**RITTOCH-POWELL & Associates** (Phoenix, Arizona)

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>	f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i>
<b>BS, Business Administration; International Residential Code Courses; Naval Construction Force Training Center</b>	<b>American Concrete Institute (ACI) #01246229; Arizona Technical Testing Institute (ATTI); ICC Certified Building Inspector #5230794; IMSA Work Zone Certified SI86477/Z86477; IMSA Traffic Signal Inspector Certified</b>

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

**Naval Reserve Association; U.S. Navy Seabees; Chief Petty Officers Assoc.**

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> Construction Inspector		
2.	<b>ACOE #J1011-3-04 IFT Road Construction, Renovation &amp; Civil Site Work, Southern AZ</b>	<b>2013</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed surveying and construction staking for 27 civil site and roadways (SAR) for the Army Corps of Engineers along the Arizona border. <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$75,000; <b>Role:</b> Construction Inspector		
3.	<b>SR 95 and Mohave Road Intersection (MP 142) – Colorado River Indian Tribe (CRIT), Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department Of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Construction Inspector		
4.	<b>White Mountain Apache Tribe BIA SH532 03D Task order No. 3, Kayenta, AZ</b>	<b>2013</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Roadway Safety Improvement for the White Mountain Apache Tribe in the Globe District, Navajo County project is to prepare the project assessment, clearances, preliminary design to design, and final sealed construction documents for the subject project. <b>Size:</b> 50 miles of rural roadway; <b>Cost:</b> \$236,000; <b>Role:</b> Construction Inspector		
5.	<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided construction management services including construction inspection, construction survey staking, construction management and construction administration services for this federally funded Congestion Management Air Quality (CMAQ) project to widen and upgrade this freeway traffic interchange. <b>Size:</b> 1.4 miles of major urban arterial widening; <b>Cost:</b> \$649,000; <b>Role:</b> Construction Inspector		

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

**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	
<b>JOSEPH FALINSKI, RLS</b>	<b>Survey Manager</b>	1. TOTAL <b>34</b>	2. WITH CURRENT FIRM <b>23</b>
d. FIRM NAME AND LOCATION <i>(City and State)</i> <b>RITTOCH-POWELL &amp; Associates</b> (Phoenix, Arizona)			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> <b>Forestry &amp; Land Surveying</b>		f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>RLS #31591, AZ – Land Survey; CO, UT (Pending)</b>	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc)</i> <b>Arizona Professional Land Surveyors</b>			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
1.	<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	<b>2012</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP). <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$1.3M; <b>Role:</b> Survey Manager		
2.	<b>ACOE #J1011-3-04 IFT Road Construction, Renovation &amp; Civil Site Work, Southern AZ</b>	<b>2013</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed surveying and construction staking for 27 civil site and roadways (SAR) for the Army Corps of Engineers along the Arizona border. <b>Size:</b> 27; 1.5-acre tower sites with 1.5 miles access roadway to each site; <b>Cost:</b> \$75,000; <b>Role:</b> Survey Manager		
3.	<b>Gila River Indian Community (GRIC) District 3 HUD Housing, Sacaton, AZ</b>	<b>2010</b>	<b>2010</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided planning and engineering services for 55 HUD-funded homes within GRIC District 3. Work included environmental assessments, boundary and topographic surveying, initial site planning, preliminary platting, establishment of subdivision development design guidelines, grading and drainage plans, water plans, sewer plans, paving plans, storm water prevention plans, and final platting. <b>Size:</b> 160-acre development; <b>Cost:</b> \$114,000; <b>Role:</b> Survey Manager		
4.	<b>Lone Pine Dam and Bridge Design and Design Concept Report, Holbrook, AZ</b>	<b>2006</b>	<b>2009</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided pre-design, final design, and post design services for the Lone Pine Dam Road and Bridge project, thus successfully taking the project from “cradle to grave”. <b>Size:</b> 1.25 miles rural roadway and 3 span bridge; <b>Cost:</b> \$1.1M; <b>Role:</b> Survey Manager		
5.	<b>SR 95 and Mohave Road Intersection (MP 142) – Colorado River Indian Tribe (CRIT), Parker, AZ</b>	<b>2012</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Ongoing Project. The Arizona Department Of Transportation Yuma District has requested pre-design services for the proposed improvements at the SR 95 and Mohave Road Intersection (MP 142). The goal of the project is to determine the preferred intersection configuration by preparing a Project Assessment Report (PAR). <b>Size:</b> 1.25 miles rural roadway and roundabout; <b>Cost:</b> \$99,500; <b>Role:</b> Survey Manager		

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Williams Field Road at Higley Road, Gilbert, AZ</b>	<b>2005</b>	<b>2007</b>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
<b>Town of Gilbert</b>	<b>Original \$100K/Final \$100K</b>	<b>Original \$1.2M/Final \$1.2M</b>

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

This half-mile rural roadway widening project consisted of half-street widening from an existing two-lane roadway to five lanes with curb, gutter and sidewalk, lighting, drainage improvements and traffic signals. RPA's responsibilities included the coordination and management of the design improvements, preparing a detailed cost estimate and assisting in technical specification writing. RPA provided coordination with local utilities, residents and business owners. Coordination with Town of Gilbert, CMAR contractor, Roosevelt Water Conservation District (RWCD) irrigation and local utilities.



**Size:** 0.5 mile of rural roadway  
**Length of Project:** 9 months

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
<b>TCA-SAR-101 CBP FM&amp;E Civil Site and Roadways (SAR) Project, Southern AZ</b>	PROFESSIONAL SERVICES <b>2012</b>	CONSTRUCTION <i>(If applicable)</i> <b>2013</b>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER <b>DTREDS</b>	d. DOLLAR AMOUNT OF PROJECT Original \$1.3M/Final \$1.3M	e. TOTAL COST OF PROJECT Original \$TBD/Final \$TBD
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

RPA performed topographic survey, site assessments, site reports, tower site grading, drainage design, roadway design, geotechnical, and materials testing. Services were provided for 27 tower sites designated by Department of Homeland Security (DHS) and Customs and Border Patrol (CBP).

**Size:** 27; 1.5-acre tower sites with 1.5 miles access roadway to each site

**Length of Project:** 3 months



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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
<b>SR 73 at MP 334 Drainage Repair Project – White Mountain Apache Tribe (WMAT), Gila County, AZ</b>	PROFESSIONAL SERVICES <b>2007</b>	CONSTRUCTION <i>(If applicable)</i> <b>2008</b>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER <b>ADOT</b>	d. DOLLAR AMOUNT OF PROJECT Original \$221K/Final \$221K	e. TOTAL COST OF PROJECT Original \$1.2M/Final \$300K (interim construction)
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

SR 73 is a rural major collector at Milepost 334, the purpose of this project was to improve an existing wash crossing at approximately MP 334 along SR 73. The project is entirely within Gila County and the Fort Apache Indian Reservation. This project required mitigation of further erosion downstream and along the roadway embankment and replacement of the existing structure and to provide a minimum 30-foot recovery area. The existing shoulders were widened and guardrail replaced within the project limits. This project provided an improved design to additional roadside/channel erosion caused from the substantially increased runoff due to the loss of ground cover and vegetation during the Kinishba wildfire. RPA provided coordination with the White Mountain Apache Indian Tribe which was the only local governing jurisdiction within the project area.



**Size:** 1.5 miles of rural state highway and 84” culvert  
**Length of Project:** 1 year

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>Chandler Boulevard/Price L101 Design and Construction Management Services, Chandler, AZ</b>	<b>2009</b>	<b>2013</b>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
<b>City of Chandler</b>	Original \$649K/Final \$649K	Original \$2.5M/Final \$2.1M

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

During the project design phase, RPA provided civil engineering design, surveying, right-of-way and agency coordination. This project widened approximately one-half mile of Chandler Boulevard between Coronado Street and Metro Boulevard to add a second left turn lane for west to south traffic movements and add east and west bound bike lanes. RPA developed a four phase traffic sequencing plan that minimizes traffic interruptions and adjoining business revenue impacts while maintaining two lanes of thru traffic and dedicated left turn lanes at all times. Our plan prioritized pedestrian and bicycle safety while maintaining existing traffic capacity and commercial access. We prepared the application for and obtained ADOT Encroachment Permit. RPA was selected to provide construction management CM, and construction administration CA services for this federally funded CMAQ project to widen and upgrade this freeway traffic interchange. Services include construction inspection and construction survey staking.

**Size:** 1.4 miles of major urban arterial widening  
**Length of Project:** Design 1 year; Construction Management 1 year



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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
<b>Camino-a-Lago Neighborhood Park</b>	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER <b>City of Peoria</b>	d. DOLLAR AMOUNT OF PROJECT Original \$141K/Final \$141K	e. TOTAL COST OF PROJECT Original \$750K/Final \$750K
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

Ongoing project. RPA is providing planning, public involvement, design, utility coordination, drainage design, landscape and irrigation design, and construction assistance for this new 6.8-acre neighborhood park located adjacent to the Sunrise Mountain Branch Library. Site planning and design is integrating the park and library spaces into a seamless public space. Park design will service the needs of the local community while meeting budget requirements and will be constructed by a design-bid-build method. Amenities to the park will include multi-use turf areas, covered picnic areas, shaded playground areas, hardcourts, lighting, supplemental parking areas, signage, wayfinding, connectivity from the surrounding neighborhood, and ADA-compliant access ramps.



**Size:** 6.8-acre  
**Length of Project:** Ongoing



## 6. ADDITIONAL INFORMATION

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

### Firm's History

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**RITTOCH-POWELL & Associates (RPA)** is a full service civil engineering and surveying firm. RPA is an award-winning prime consultant with in-house experts that can provide innovative and cost-effective solutions for any size project. We have built an impeccable reputation of providing quality services with our registered professionals and highly-skilled technical staff.

RPA offers reliable and cost-effective One-Stop Shop services:

- **Survey** (field survey, topo/right-of-way/parcel/utility basemapping, construction staking, as-built surveys, boundary surveys, ALTA surveys, precision leveling, geodetic control networks)
- **Pre-Design** (project assessment reports, design concept reports, scoping letters, technical memorandums)
- **Design** (site civil and infrastructure, irrigation, utility coordination, water/wastewater, transportation, drainage, energy and power, geographic information systems, mining, parks and trails, airport infrastructure)
- **Post-Design** (construction management, construction administration, inspection, bidding assistance, federal reporting)
- **Alternative Delivery Methods** (Construction Manager at Risk-CMAR, Design/Build-D/B, Public Private Partnership-P3)

RPA is a locally owned and operated civil engineering and surveying firm in Phoenix, Arizona since 1978. During our 35 year history RPA has grown from a 3-person firm to the over 50-person corporation it is today without a single legal claim. RPA has successful history with numerous municipalities and private clients. We enjoy developing and maintaining these relationships by providing quality and timely professional services. We currently have 27 on-calls, which proves our success.

We selected exceptional team members who understand all of the necessary regulations and processes to develop, design, and construct any ADOA project assignment from “cradle to grave”.

### Financial and Human Resource Capacity

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RPA has provided engineering services for similar size intersection improvement projects with construction contract values between \$50K to \$148M for ADOT and other municipal agencies. RPA's current debt is almost negligible. Our current capital liquidity allows flexibility to obtain any new hardware or equipment necessary for project completion in minimal time. This allows us to obtain additional staff, specialty software, hardware, or equipment necessary for project completion without utilizing any of our \$1M+ line of credit, or \$8M+ in assets. RPA's staff of 50+ employees is immediately available to begin design activities without additional “staffing-up”.

## Team Philosophy, Partnering, and Approach to Project Success

Team RPA’s project management (PM) objective is to assist our clients in obtaining quality facilities through the use of a well-organized project strategy, understanding that each project is a detailed, integrated process involving planning, design, construction, and final occupancy, not a series of independent phases of work. Successful CM implementation requires a wide range of engineering and support services. This philosophy is simple to us—to deliver a cost-efficient, quality product on time and within budget.



Under our philosophy, the team includes not only the Corporate Contract Manager, design engineers, construction engineers, contract administration, construction inspectors, survey crews, and support staff, but also the project owner, construction contractors, design professionals, regulatory agencies, and local government authorities. We began using this team concept well before such key concepts as “partnering” became common to the construction industry. We understand the importance of keeping all involved in the project informed of the status of the work as it affects their activities. Communication with parties both directly and indirectly involved in a project is one of the major keys to the success of the project. This communication must begin prior to the commencement of construction activities and must continue through the completion of the project. With this philosophy, we will:

- **Establish and Maintain Relationships:** Team RPA has solid experience and communications skills to develop relationships with contractors to allow frank, concise, and effective communications that lead to finding the right decision quickly and efficiently. Our role as a construction administrator is directly tied to maintaining the ADOA’s excellent reputation for providing services as a partner to the public.
- **Provide Management:** Every project must be diligently administered following ADOA requirements. As demonstrated through our past work history, Team RPA is intimately knowledgeable in the stringent and specific reporting and quality assurance requirements to meet federal quality and budget objectives. By selecting Team RPA, you can be assured that from Notice to Proceed (NTP) through ribbon cutting, every project will be managed, inspections conducted and documented, and the project closed out according to industry best practices.
- **Provide Leadership:** It is essential that all Team members share a common goal and work in concert through ADOA process to efficiently get the projects built and operational. Team RPA will be led by Frank Henderson PE, our Corporate Contract Manager. Frank has 34 years of construction management and civil engineering design experience for municipal and federal projects. He has managed projects with design contract values up to \$6M and construction contract values up to \$160M. His project experience includes bid solicitation (including conformance to Davis-Bacon Act requirements), construction management and oversight, transportation design (plan, specifications, and cost estimates), project management, and regulatory agency coordination for municipal and federally funded infrastructure improvements. *Frank’s reputation for schedule conformance, cost control, construction detail, responsiveness to clients, and technical accuracy is unsurpassed and proven.*



- **Advocate Partnering:** Team RPA’s construction management approach is to advocate a collaborative, cooperative, and communicative team attitude with the ADOA staff, project stakeholders and construction management team leaders. Project success requires continuous interface with our clients and our team to ensure project objectives are reinforced and project obstacles are addressed. Our Corporate Contract Manager (CCM) Frank Henderson, PE, will be the sole source contact for the ADOA staff and will be responsible for managing RPA’s construction management team.

## **Sustainability Approach**

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Our sustainability approach is compatible with ADOA’s goals of:

- **Access and Mobility:** Providing sustainable access to and within the federal lands for use and enjoyment of the land and utilization of its resources. This means providing a seamless transportation network connecting the National Forest System lands with local communities and major highway systems. We will take the plans provided for any project and implement them in the field.
- **Safety and Condition:** Ensure a safe and reliable transportation network to and within the federal lands. Providing improved conditions of the transportation facilities in order to reduce long-term maintenance costs to the federal lands is key to our quality program. Providing safety through the work zones for the traveling public while the road improvements are being constructed is key to the way we conduct our construction administration.
- **Natural Resource Protection:** Maintain leadership in protecting and enhancing the natural environment. We will ensure the contractor follows the environmental policies required by the contract and by best practices used in the road construction industry.



## **Internal Policies and Procedures**

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- **Safety:** Safety is Team RPA’s number one priority. We take project site safety very seriously and our outstanding safety record speaks to this commitment. We hold weekly safety meetings with our staff and encourage participation in the contractor’s safety meetings as well. Our staff has an excellent understanding of construction safety and requirements of maintaining a safe working environment as many have taken the 10-hour Occupational Safety and Health Administration (OSHA) training and/or 30-hour OSHA training course. We will make sure the contractor’s safety program is available at the job site. Managing traffic through the construction zone is also critical to the success of the project.
- **Contract Administration:** RPA is a privately held firm and decisions are made locally. We enjoy ease of contracting with our subcontractors as well. We will be ready to mobilize immediately upon notice-to-proceed by the ADOA.
- **Partnering And Public Involvement:** RPA recognizes and supports the industry’s commitment to the partnering process during project development and execution as a way for the client, the designer, the contractor and the construction administrator to collaborate to solve problems, increase work efficiency, improve the project development and delivery process, maximize program delivery, provide services that exceed customer expectations, develop innovative products, build and strengthen relationships, and enhance



work processes, plans and functions. We know that our effectiveness as leaders in the consulting community is directly tied to the solid relationships we have built with our peers in the industry and relies on the mutual respect that we have developed with them.

- **Risk Management:** Project risk is defined as an unexpected event that has a chance of occurring and may prevent a project from meeting its completion schedule or cause it to exceed its budgeted cost. As part of our risk management practices, we conduct risk workshops and proactive planning sessions in preparation of taking the project to the field. Identifying risks to the project in this environment is highly effective in planning the project with the client. Especially effective on projects of public importance, the process helps to prepare the public for “the best of times and the worst of times” in getting the project built. The process will be based on five phases that includes risk identification, qualitative risk analysis, quantitative risk analysis, risk response planning, risk monitoring, and control.
- **Staff Scheduling:** Consistency is the key to approaching our staff schedule. Integrating the inspection team into the contractor’s master schedule is an important part of Frank Henderson’s responsibilities. Staffing schedules are set up to coincide with the project’s schedule. Typically, we set our schedule for staffing just after the kick-off meeting as a baseline.
- **Internal Quality Control Procedures:** The ADOA’s quality process emphasizes compliance with established quality standards. We have a high level of management commitment; the availability of the resources needed to implement our quality policy; and careful attention to quality control and quality assurance in the development of our work products.
- **Enhancing Project Development Through an Effective Quality Program:** In order for the ADOA and its clients to receive the best value and outcome for their projects, the plans and specifications must be built to your quality standards. Our Quality Program ensures that design intent and contractor interpretation are not in conflict, the project is not delayed, the project costs remain stable, and costly construction claims are avoided. As important as maintaining contractor compliance with the construction documents, is minimizing delays and disruptions to motorists which affect your public image. Our quality program and sound construction management practices mitigate these risks, creating a win-win outcome.
- **General Process for Task Order Administration and Billing:** RPA has been providing services for on-call contracts for over 35 years. We are familiar with handling a base contract and task orders. Frank Henderson will be monitoring all task orders and making sure the “right” team is on site to manage the project. This is critical because a well-ran project is developed by individuals that can work together and understand the final product. Our firm utilizes Vision software to make sure all labor hours are identified and described, along with all direct costs.
- **Personnel in Excess of Our Current Workforce:** Our working pool for preliminary design, plan production, construction management, administration, inspections, and special inspection is very deep. We have a database of individuals that we can call on for their expertise in order to make sure a task order runs smoothly and is complete. This was very evident while working on multiple tasks for another federal project along the U.S./Mexico border. We had to bring in over 20 additional people to assist with the contract in order to maintain budget and schedule. This was handled efficiently due to processes in place at RPA.
- **Process for Recruiting, Training, and Supporting Personnel:** As mentioned in the paragraph above, we have a great working pool to utilize. RPA has recruiting processes in place to allow for temporary employment that meets all current federal labor laws. We have utilized this process recently on a large federal contract that included over 25 task orders. This federal contract was delivered on time and below

budget. It provided RPA the necessary tools to incorporate our process for recruiting, training, and supporting our personnel and the projects.

## **Innovative Project Delivery Methods**

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RPA has completed three of the largest transportation CMAR projects in the State of Arizona over the past two years. Frank was RPA's PM for the McQueen Road CMAR (\$28M), and the SR 303 CMAR (\$160M). Karl Obergh managed the Happy Valley Road CMAR (\$58M). Additionally, our team has significant experience in Alternative Delivery Methods.

RPA is prepared to work as an extension of ADOA to assist with any CMAR projects if ADOA considers alternative delivery on future projects.

As an added value for ADOA, RPA offers innovative services and techniques such as 3D survey scanning, 3D utility modeling, and 3D rendering. We strongly believe these innovative techniques benefit ADOA as a visual tool to achieve the public acceptance they require. 3D utility mapping is a type of Information Modeling (BIM) for utilities (3D rendering of our projects utilizing Civil 3D and gaming software) and includes all GIS information associated with projects.

The design organization is divided into Design Leaders (DL) who report to the Project Manager. The Project Manager will track design progress and anticipate the various peaks in staffing requirements to ensure the project schedule is maintained. Each DL will be responsible for his/her individual design elements.

Coordination and communication between the DL's, their designers, regulatory agencies, and the ADOA are critical. Our successful design coordination experience starts with a series of well-organized weekly meetings that result in documented minutes and tracked action items. Continuous communication, seamless transfer of information, and "project-first" mentality are vital for Project success. Our Team uses the following integration/communication protocols to fuse design and construction functions. This coordination plan includes:

- **Design and Construction Meetings:** The meeting structure will consist of a weekly meeting that is formatted and sequentially ordered to enhance this transfer of information. This Team consists of the ADOA Project Manager, ADOA Technical Staff, RPA's Project Manager, and as needed DL's.
- **Design Team Meetings:** The Design Team Meetings (DTM's) take place weekly and will be led by Project Manager. Agenda items will include DL completion reports, action item status review, new design issues, schedule updates, quality control reports, and constructability review reports. The action item list is updated for resolution status, new action items, required completion date, and responsible DL designation. Meeting minutes and progress reports will be summarized and provided to ADOA Project Manager at the Design & Construction Team Meetings.
- **Tracking Tools:** The Project Manager will develop a spreadsheet diary document Design Reports, action item decision logs, and new design issues to track and maintain the Project's progress internally. These documents are distributed each Friday, discussed at Team meetings, and maintained as our Project progress control system.
- **Integration Reviews:** Prior to each milestone submittal, each DL performs an "Integration Review" of the plans and specifications to ensure their respective issues and requirements have been properly addressed.

## Client Testimonials

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By hiring Team RPA, the ADOA will have technical construction experts dedicated to keeping your projects on schedule while providing immediate construction conflict resolution and proactive public outreach information. On the following pages, we have provided a few letters for projects representative of our superlative quality of work, excellence in team collaboration and communication, and our superior technical capabilities on construction management services to public agencies. Some of these projects are described in detail in Section F. As requested, we have included client contact information and key personnel performing project services. Our client's endorsements are the ultimate test of our performance. Please contact these references for their opinions of our performance. Their testimonial is a statement of our reputation.

### SR 303L PEORIA TO WADDELL

*"I would like to express my appreciation for the work Ritoch-Powell performed in design of the Loop 303 Peoria to Waddell segment. As expected, RPA's service was exemplary throughout the design of the project. All team members were responsive to the needs of ADOT and the Construction Manager at Risk..."*

*Thanks in large part to the efforts of Frank and the RPA design team, the GMP was successfully negotiated and the project was awarded at the July Board meeting. This is a very important project for ADOT, the MAG region, and particularly the West Valley and is essential to keeping construction of the Loop 303 on schedule."*

~ Steve Beasley  
Transportation Engineer Manager  
Valley Project Management



**Arizona Department of Transportation**  
**Intermodal Transportation Division**

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janice K. Brewer  
Governor

John S. Halikowski  
Director

Floyd Roehrich Jr.  
State Engineer

July 27, 2011

Karl Obergh, PE  
Ritoch Powell & Associates  
3838 N. Central Ave, Ste 1250  
Phoenix, AZ 85038

Karl,

I would like to express my appreciation for the work Ritoch-Powell performed in design of the Loop 303 Peoria to Waddell segment. As expected, RPA's service was exemplary throughout the design of the project. All team members were responsive to the needs of ADOT and the Construction Manager at Risk, Pulice Construction.

Frank Henderson, as Design manager, did an excellent job in managing the project. Because we added the CMAR concept late in design, there were several important issues that arose in scheduling submittals, revising designs, estimates, and specifications, and assisting ADOT and Pulice in developing and agreeing to a Guaranteed Maximum Price. And, as you are aware, the design team pulled together and worked long hours during the last week to get the project to the State Transportation Board in July.

Thanks in large part to the efforts of Frank and the RPA design team, the GMP was successfully negotiated and the project was awarded at the July Board meeting. This is a very important project for ADOT, the MAG region, and particularly the West Valley and is essential to keeping construction of the Loop 303 on schedule.

We look forward to continued excellent service from Ritoch Powell & Associates.

Thanks again!

Sincerely,

A handwritten signature in black ink that reads "Steve Beasley". The signature is written in a cursive, flowing style.

Steve Beasley  
Transportation Engineer Manager  
Valley Project Management



May 20, 2013

Ritoch-Powell & Associates  
Mr. Karl Obergh, P.E.  
3838 N. Central Ave., #1250  
Phoenix, AZ 85012

Re: Letter of Acknowledgement and Appreciation

Mr. Obergh,

I wanted to take the time to acknowledge and express appreciation for the professional services Ritoch-Powell firm provided to the City of Chandler on two Federally funded, high profile projects. These projects were the Chandler Blvd./Price Loop 101 Intersection Improvements, City Project No. ST0806-401 and the Alma School and Ray Road Intersection Improvements, City Project No. ST0704-401.

I specifically want to acknowledge Mr. Frank Henderson as Project Manager and his team which included Mr. Keith Drunasky, Mr. Ryan Circello, and Ms. Cindy Crume, and other support staff as well. The City advertised and selected Ritoch-Powell for Design and Construction Management Services on both projects. The projects were high visibility and had City Council's attention. It was also crucial that both projects be completed on schedule and on or under budget. Both of these goals were accomplished for these projects.

Working with the City of Chandler's project team, Ritoch-Powell's attention to detail, working through difficult issues on both projects, and willingness to go the extra mile, served well to meet the City's goals.

Once again, I would like to acknowledge your Firm and staff on a job well done.

Regards,

Robert Fortier  
Capital Projects Manager



Mailing Address  
Mail Stop 407  
PO Box 4008  
Chandler, Arizona 85244-4008

**Transportation & Development Department  
Capital Projects**

Telephone (480) 782-3307  
Fax: (480) 782-3355  
www.chandleraz.gov

Location  
215 East Buffalo Street  
Chandler, Arizona 85225

Printed on recycled paper ♻️



P.O. Box 53999  
Phoenix, AZ 85072

August 27, 2012

American Council of Engineering Companies of Arizona  
1309 East Echo Lane  
Phoenix, AZ 85020

RE: Doney Park Renewable Energy Site (DPRES)  
Project for the 2012 Engineering Excellence Awards Selection Panel

TO WHOM IT MAY CONCERN:

On behalf of the Arizona Public Service (APS), I would like to express our appreciation to the Ritoch-Powell & Associates (RPA) and Taylor RyMar Corporation Team on the successful delivery of the Doney Park Renewable Energy Site project.

DPRES is an integral part of a larger endeavor undertaken in by APS to deploy 1.5 megawatts of utility-owned solar photovoltaic generation within the Doney Park area north of Flagstaff – the Flagstaff Community Power Project. DPRES is also the focal point of a United States Department of Energy grant to study the effects of high penetration of solar on a distribution feeder. The external elements effecting the project led to heightened need for completion of a successful project.

The RPA and Taylor RyMar team provided service above and beyond expectations to APS, even though many of the engineering needs were not known at the onset of the project. They provided leadership and engineering guidance in immeasurable ways to ensure the project was a success. Many unforeseen hurdles were not only overcome but done so in ways that resolved challenges in new ways. All team members collaborated together exceptionally well and were responsive to APS's changing needs and vision.

APS fully endorses the selection of DPRES project as a candidate for the ACEC of Arizona Engineering Excellence Award in the Energy Projects Category.

Sincerely,

A handwritten signature in blue ink that reads "Cyndi Newman".

Cyndi Newman, PE  
Project Manager Consultant  
Arizona Public Service

RPA has an enormous responsibility to support ADOA. RPA’s team of experts will respectfully become a seamless extension of ADOA team. We will complement each other’s talents to improve the communities within the geographical jurisdiction of ADOA, while keeping its natural aesthetics. RPA has selected an exceptional team that understands all of the necessary regulations and federal processes to take any project assignment from “cradle to grave”. Our team has a solid reputation and extensive experience delivering all types of projects on time and within budget as listed in ADOA’s scope of work. Because of the diversity in the types of projects and the technical complexity of the ADOA’s engineering needs, a firm with broad capabilities and a variety of technical specialists could prove to be a valuable assets to this on-call contract. RPA has a designated team of specialist who are qualified to deliver a wide spectrum of professional engineering services that will meet ADOA’s needs. The following quotes from our clients speak for themselves:

**LONE PINE DAM ROAD AND  
BRIDGE PROJECT**

*“RPA has provided excellent customer service and responded to our needs in a timely and efficient manner throughout the life cycle of the project.”*

~ Homero Vela  
Director of Public Works  
Navajo County

**SR 303L PEORIA TO  
WADDELL**

**“Frank Henderson, as Design Manager, did an excellent job in managing the project.”**

~ Steve Beasley, PE  
(ADOT VPM)

**CHANDLER BOULEVARD/L101 AND  
ALMA SCHOOL AND RAY ROAD  
INTERSECTION PROJECTS**

(Federally Funded, High Profile Projects)

*“Ritoch-Powell’s attention to detail, working through difficult issues on both projects, and willingness to go the extra mile, served well to meet the City’s goals.”*

~ Robert Fortier  
Capital Projects Manager  
City of Chandler

**BETHANY HOME  
ROAD PROJECT**

*“Thanks for the work well done. We appreciate your services.”*

~ Mohammad Ayub Zaid, PE  
Project Manager  
Valley Project Management  
ADOT

**ADA TRANSITION PLAN**

*“RPA has enhanced our mutual and valued relationship by providing professional services that completely met the County’s quality and schedule expectations.”*

~ Christopher M. Plumb, AICP  
MCDOT

**GRIC District 3  
Housing Project**

*“...this submittal has been very well done and the plans are of very high quality, thorough and complete. My compliments to Ritoch-Powell...”*

~ Michael G. Rhodes, PE  
Civil Engineer/Engineering  
Division Supervisor  
Gila River Indian Community

**DONEY PARK RENEWABLE  
ENERGY SITE**

*“They provided leadership and engineering guidance in immeasurable ways to ensure the project was a success.”*

Cyndi Newman, PE  
Project Manager Consultant  
Arizona Public Service

**SAHUARO RANCH PARK SPORTS COMPLEX  
IMPROVEMENTS PROJECT**

*“Ritoch-Powell & Associates exhibited exceptional expertise during the park assessment, design, and construction administration of the project. They continually communicated concerns with City representatives and always provided viable alternatives”*

~ Mike Gregory  
Project Coordinator  
City of Glendale

**SR 303L PEORIA TO  
WADDELL**

*“As expected, RPA’s service was exemplary throughout the design of the project.”*

~ Steve Beasley  
Transportation Engineer Mgr.Valley  
Project Management  
ADOT  
(ADOT VPM)

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience  
REVISED - Attachment I – General 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:	80%
b. Percentage of Total Work Attributable to Non-Government Work:	20%

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

Signature:	Date: 12/12/13
Name: Karl G. Obergh, PE	Title: President / Chief Executive Officer