



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

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

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

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	DRW Engineering, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	10320 W. McDowell Rd., Suite K-1136
c. FIRM (OR BRANCH OFFICE) CITY:	Avondale
d. FIRM (OR BRANCH OFFICE) STATE:	AZ
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85392
f. YEAR ESTABLISHED:	1999
(g1). OWNERSHIP - TYPE:	S Corporation
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h. POINT OF CONTACT NAME AND TITLE:	Debbie Rowe, Sec/Treas
i. POINT OF CONTACT TELEPHONE NUMBER:	623-478-8800
j. POINT OF CONTACT E-MAIL ADDRESS:	drowe@drwengineering.com
k. NAME OF FIRM (If block 1a is a branch office):	



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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number <i>(see below)</i>
1	Child Care/Development Facilities	1
6	Commercial Building (Low Rise); Shopping Centers	1
4	Community Facilities	1
4	Education Facilities; Classrooms	1
1	Garages; Vehicles Maintenance Facilities; Parking	1
2	Highways; Streets; Airfield Paving; Parking Lots	1
3	Housing	1
1	Medical Related	1
1	Museums	1
1	Office Buildings; Industrial Parks	1
3	Recreation Facilities (Parks, Marinas, etc.)	1
19	Surveying; Platting; Mapping; Flood Plain Studies	1
1	Warehouse and Depots	1
3	Water Supply; Treatment and Distribu	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|--|--|
| <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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 |
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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME C. Don Walding	b. ROLE IN THIS CONTRACT Principal Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 38	2. WITH CURRENT FIRM 15
d. LOCATION <i>(City and State)</i> Avondale, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> 1975 M.S. in Civil Engineering, University of Arizona 1971 B.S. in Civil Engineering, Texas Tech University		f. PROFESSIONAL TRAINING - REGISTRATIONS Arizona, Civil Engineer since 1976, Registration #10792 Arizona, Land Surveyor since 1999, Registration #33880	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Self-certified professional with the City of Phoenix			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Hermoso Park, Phoenix, AZ	2013	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for Site improvements, including new 3500 sf recreation center, volley ball and basketball courts, restrooms and ramadas.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Midwestern University, Glendale, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for Veterinary Clinic, Student Housing Five and the Veterinary Parking Garage on the 160-acre medical school campus.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Elwood Road Improvements	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for half-street paving, water main extension, street lights and landscaping in Elwood Rd., from 24 th to 28 th Streets.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Carefree Hwy & 53 rd Street, Cavecreek, AZ	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for a 2.5 acre site being developed for McDonald's and a retail pad.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Shamrock Foodservice Warehouse #550	2014	



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(3) BRIEF DESCRIPTION (*Brief scope, size, cost, etc.*) AND SPECIFIC ROLE Check if project performed with current firm
Civil Engineer for the remodel of an existing site, including a 24,500 sf building, new 3,845 sf building addition, infrastructure upgrades and offsite work in the ADOT right-of-way.

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>) Midwestern University, Glendale, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Midwestern University	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$27 Million	e. TOTAL COST OF PROJECT 90% Complete
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
DRW Engineering has been involved with the University and DWL Architects in an aggressive expansion plan for this 160-acre medical school campus since 1999. DRW has provided surveying services and civil design for approximately 38 projects, including expansions of existing physical plants and coordinating existing conditions with new while planning ahead for future projects and infrastructure.

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>) Children's Learning Adventure, Gilbert, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (<i>If applicable</i>) 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Children's Learning Adventure Childcare Centers	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$4 Million	e. TOTAL COST OF PROJECT \$4 Million
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)
DRW Engineering provided surveying services, including ALTA, topo, final plat and legal descriptions; as well as civil engineering services for a child care center on 4.3 acres, including site planning, grading and drainage and onsite utilities.



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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) Shamrock Foodservice Warehouse #550	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Shamrock Foods Co.	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT 2.5 Million	e. TOTAL COST OF PROJECT 70% Complete
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BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

DRW Engineering provided surveying and civil engineering services for the remodel of an existing site, including a 24,500 sf building, new 3,845 sf addition with infrastructure upgrades and offsite work in the ADOT right-of-way.

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) Elwood Road Improvements	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (if applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Equity Development	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$788,000	e. TOTAL COST OF PROJECT 90% Complete
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Civil Engineering for half-street paving, water main extension, street lights and landscaping in Elwood Rd., from 24th to 28th Streets.



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6. ADDITIONAL INFORMATION

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

Capabilities

DRW Engineering can be defined by our well-rounded understanding of construction, from the initial design concept to the final touches on the landscaping. With many years of combined design and construction experience among our staff, we are able to take a fresh look at the intricacies of each construction project and collaborate with other disciplines to creatively solve design and construction concerns. Our strength is in the diversity of projects we have completed through the years, including institutional, industrial, manufacturing, retail, office complexes and public facilities.

DRW Engineering has worked in many of the communities throughout the state. We are familiar with the construction conditions and methods common to this region. This experience allows us to design with knowledge of costs and constructability, which results in projects that fit within the budget criteria established by the client.

Budget/Cost Controls

Budget control begins with a thorough understanding of the client's needs, goals, intended uses, timing and budget for the project. Our experiences have trained us to listen carefully to the client, ask questions which define the project, and develop a concept of design which meets the project goals. Our combined design and construction experiences allow us to consider both the construction budget constraints as well as future costs of maintaining and operating the project.

Cost control of the construction is a constant element of the design. Our first step is to develop a thorough understanding of the existing site conditions and physical constraints. This includes elements such as existing improvements in the project area, surveys, record information for utilities or other improvements, storm drainage, and conditions on adjoining properties which may affect the project.

During the design process, cost comparisons are made for options considered and the client is included in the decision process. We focus on simplicity of design, function, quality, and designing projects which use construction materials and techniques common to the area. As design proceeds, cost estimates are prepared at appropriate steps. Discussions with subcontractors, design consultants, suppliers, utility companies and others provide realistic estimates of the costs. The final designs are reached when the goals of needs, quality and cost have been met to the client's satisfaction.

Quality Controls

DRW Engineering is a small company with staff who have worked together for well over twenty years. We all are trained to review each step of the design process and plan preparation as it occurs. Our process is very hands-on, which allows us to check content, presentation, and accuracy from the beginning to the end of the design process.

When consultant services are used, we establish the scope of work, provide all available background information and support available, and review the finished products to insure completeness, accuracy and cost effectiveness.

We have experience working with many of the cities, counties and other jurisdictions in Arizona. We always prepare our designs to meet the code and design criteria of the jurisdiction controlling the project area. We are thorough in providing the plan content needed both for construction and for permitting the work.

Schedule Controls

We build our schedule around the needs of the client. Because decisions made early in the design phase often have critical impact on the success of the overall project, we emphasize client involvement at this point. Attention to early stage detail ensures that time is not wasted pursuing multiple solutions.

Key to maintaining a schedule is to identify the elements of the design and plan preparation to determine timing to accomplish each, then schedule them to be accomplished smoothly and timely. Elements such as surveys, utility company input, product information, consultant designs, client reviews and responses, plan production, and agency reviews are tracked through the design process to prevent oversights or delays. Progress reviews are done with the client to ensure that finished product has the scope desired and is delivered timely.



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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:	20%
b.	Percentage of Total Work Attributable to Non-Government Work:	80%

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

Signature: *Debbie Rowe* Date: 12/29/14

Name: Debbie Rowe Title: Sec/Treas