

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

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

1. REVISED ADSPO13-00003465: Annual Request for Qualifications

a.	FIRM (OR BRANCH OFFICE) NAME:	Sun Engineering, LLC
b.	FIRM (OR BRANCH OFFICE) STREET:	600 W. Hatcher, Suite 200
c.	FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85021
f.	YEAR ESTABLISHED:	2008
(g1).	OWNERSHIP - TYPE:	Limited Liability Corporation
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h.	POINT OF CONTACT NAME AND TITLE:	Ken Pratt - President
i.	POINT OF CONTACT TELEPHONE NUMBER:	623-329-2050
j.	POINT OF CONTACT E-MAIL ADDRESS:	kpratt@sunengineering.us
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	

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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Civil Engineer	P	1	
Construction Inspector	S	2	
Electrical Engineer	P	2	
Fire Protection Engineer	P	1	
Mechanical Engineer	P	2	
Technician/Analyst	P	3	
Other	P	2	
		12	

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

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
4	Airports: Nav aids; Airport Lighting; Aircraft Fueling	1
4	Auditoriums and Theaters	1
3	Child Care/Development Facilities	1
1	Cold Storage; Refrigeration and Fast Freeze	1
15	Commercial Building (Low Rise) Shopping Centers	1
6	Community Facilities	1
3	Cemeteries	1
3	Computer Facilities	1
7	Design Build	1
2	Dining Halls	1
17	Plumbing Design	1
3	Elevators; Escalators; People Movers	1
20	Fire Protection	1
7	Parking Lots	1
3	Garages	1
4	Outdoor Recreation	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 Ken Pratt, MBA	b. ROLE IN THIS CONTRACT Principal Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 5
c. FIRM NAME AND LOCATION (City and State) Sun Engineering, LLC – Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) MBA – Technology Management BSEE – Energy Systems		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Certified Energy Analyst IMSA Certified Traffic Signal Inspector	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Arizona Department of Administration – Veterans Services: Northern Arizona Cemetery	(2) Year Completed	
		Professional Services; 2013	Construction (if applicable) Out for bid
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Designed electrical, mechanical and plumbing system for all three of the cemetery facilities (Administration Building, Maintenance Building and Committal Shelter).		
2)	(1) TITLE AND LOCATION (City and State) Casa Grande Elementary School District – Fire Alarm Upgrade	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Removed and re-designed a fire alarm system for the entire campus of the Casa Grande Middle School. The project included designing an automated System that included a fire alarm control panel located in the front office that interfaced with pull stations, horn strobes, smoke detectors, duct detectors and other notification devices throughout the campus.		
3)	(1) TITLE AND LOCATION (City and State) Arizona Department of Revenue – Tenant Improvement	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The project involved designing break rooms on several floors (2 – 6) of the department of revenue building. We were responsible for designing a plumbing system that tied into the existing drainage, coordinated lighting and power for the new space and provided HVAC control's in the break room.		
4)	(1) TITLE AND LOCATION (City and State) City of Avondale – Server Room Upgrade	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Remodeled the server room by increasing the size of the room. We expanded the existing sprinkler system to accommodate for the additional space and we installed a FM200 gas system to support the server room, that requires a dry extinguishing system.		

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4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section 4 for each key person.)

a. NAME Jose Mattei	b. ROLE IN THIS CONTRACT Energy Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 5
c. FIRM NAME AND LOCATION (City and State) Sun Engineering, LLC – Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSEE – Energy Systems		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Certified Energy Manager (CEM)	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
	1)	Arizona Department of Administration – Veterans Services: Northern Arizona Cemetery	Professional Services; 2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Designed electrical, mechanical and plumbing system for all three of the cemetery facilities (Administration Building, Maintenance Building and Committal Shelter). Also provided LEED design techniques to ensure that the building was LEED Silver certified. <input type="checkbox"/> Check if project performed with current firm			
2)	City of Avondale – Old City Hall Building Upgrade	Professional Services 2011	Construction (if applicable) 2012
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Worked with the City of Avondale to upgrade the old city hall building with new energy efficient lights, HVAC units and water devices. The building was re-designed with LED lights, high energy ac unit and energy efficient toilets and water faucets. <input type="checkbox"/> Check if project performed with current firm	
3)	Parker Aerospace – Re-designed the Rolls Royce Fabrication Cell	Professional Services 2013	Construction (if applicable) 2013
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The project involved removing some of the existing electrical, water, gas and high pressure air lines as well as designing new lighting and fire alarm for the cell. LED lights were used to support the new cell and we provided fire alarm devices throughout the cell as well <input type="checkbox"/> Check if project performed with current firm	
4)	City of Avondale – Server Room Upgrade	Professional Services 2012	Construction (if applicable) 2013
		(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Remodeled the server room by increasing the size of the room. We expanded the existing sprinkler system to accommodate for the additional space and we installed a FM200 gas system to support the server room, that requires a dry extinguishing system. <input type="checkbox"/> Check if project performed with current firm	

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4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section 4 for each key person.)

a. NAME Tom Moll, PE	b. ROLE IN THIS CONTRACT Chief Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 5
c. FIRM NAME AND LOCATION (City and State) Sun Engineering, LLC – Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSEE – Energy Systems		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona Registered Professional Electrical Engineer	
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)	Arizona Department of Administration – Veterans Services: Northern Arizona Cemetery	2013	Out for bid
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Designed electrical, mechanical and plumbing system for all three of the cemetery facilities (Administration Building, Maintenance Building and Committal Shelter).		
2)	Casa Grande Elementary School District – Fire Alarm Upgrade	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Removed and re-designed a fire alarm system for the entire campus of the Casa Grande Middle School. The project included designing an automated System that included a fire alarm control panel located in the front office that interfaced with pull stations, horn strobes, smoke detectors, duct detectors and other notification devices throughout the campus.		
3)	Arizona Department of Revenue – Tenant Improvement	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The project involved designing break rooms on several floors (2 – 6) of the department of revenue building. We were responsible for designing a plumbing system that tied into the existing drainage, coordinated lighting and power for the new space and provided HVAC control's in the break room.		
4)	City of Avondale – Server Room Upgrade	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Remodeled the server room by increasing the size of the room. We expanded the existing sprinkler system to accommodate for the additional space and we installed a FM200 gas system to support the server room, that requires a dry extinguishing system.		

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4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section 4 for each key person.)

a. NAME Miro Grbic, PE	b. ROLE IN THIS CONTRACT Chief Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 27	2. WITH CURRENT FIRM 5
c. FIRM NAME AND LOCATION (City and State) Sun Engineering, LLC – Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSME		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona Registered Professional Mechanical Engineer Arizona Registered Professional Fire Protection Engineer	
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)	Arizona Department of Administration – Veterans Services: Northern Arizona Cemetery	2013	Out for bid
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Designed electrical, mechanical and plumbing system for all three of the cemetery facilities (Administration Building, Maintenance Building and Committal Shelter).		
2)	Casa Grande Elementary School District – Fire Alarm Upgrade	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Removed and re-designed a fire alarm system for the entire campus of the Casa Grande Middle School. The project included designing an automated System that included a fire alarm control panel located in the front office that interfaced with pull stations, horn strobes, smoke detectors, duct detectors and other notification devices throughout the campus.		
3)	Arizona Department of Revenue – Tenant Improvement	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm The project involved designing break rooms on several floors (2 – 6) of the department of revenue building. We were responsible for designing a plumbing system that tied into the existing drainage, coordinated lighting and power for the new space and provided HVAC control's in the break room.		
4)	City of Avondale – Server Room Upgrade	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Remodeled the server room by increasing the size of the room. We expanded the existing sprinkler system to accommodate for the additional space and we installed a FM200 gas system to support the server room, that requires a dry extinguishing system.		

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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 <i>(City and State)</i> Arizona Department of Administration – Veterans Services: Northern Arizona Cemetery	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> Out for bid

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Emergency Military Affairs	d. DOLLAR AMOUNT OF PROJECT \$50,000.00	e. TOTAL COST OF PROJECT \$5.4 Million
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project consists of providing mechanical & plumbing, electrical and fire protection engineering design services for the State of Arizona, Northern Arizona Cemetery, located in Flagstaff, Arizona. Sun Engineering shall design a system that enables the buildings on the campus to be LEED Silver certified.

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.)

b. TITLE AND LOCATION <i>(City and State)</i> Casa Grande Elementary School District – Fire Alarm Upgrade	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Emergency Military Affairs	d. DOLLAR AMOUNT OF PROJECT \$17,000.00	e. TOTAL COST OF PROJECT \$167,000.00
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Removed and re-designed a fire alarm system for the entire campus of the Casa Grande Middle School. The project included designing an automated System that included a fire alarm control panel located in the front office that interfaced with pull stations, horn strobes, smoke detectors, duct detectors and other notification devices throughout the campus.

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.)

c. TITLE AND LOCATION <i>(City and State)</i> Arizona Department of Revenue – Tenant Improvement	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Emergency Military Affairs	d. DOLLAR AMOUNT OF PROJECT \$4,950.00	f. TOTAL COST OF PROJECT \$50,000.00
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h. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The project involved designing break rooms on several floors (2 – 6) of the department of revenue building. We were responsible for designing a plumbing system that tied into the existing drainage, coordinated lighting and power for the new space and provided HVAC control's in the break room.

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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.)

d. TITLE AND LOCATION <i>(City and State)</i> City of Avondale – Server Room Upgrade	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Emergency Military Affairs	d. DOLLAR AMOUNT OF PROJECT \$7,000.00	g. TOTAL COST OF PROJECT \$80,000.00
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i. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

Remodeled the server room by increasing the size of the room. We expanded the existing sprinkler system to accommodate for the additional space and we installed a FM200 gas system to support the server room, that requires a dry extinguishing system.

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.)

e. TITLE AND LOCATION <i>(City and State)</i> Arizona Department of Emergency Military Affairs	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2012

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Emergency Military Affairs	d. DOLLAR AMOUNT OF PROJECT \$17,000.00	h. TOTAL COST OF PROJECT \$200,000.00
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j. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

This project consists of fire protection (wet & gas systems), fire alarm and electrical support. The existing building does not meet the code requirements for fire protection and fire alarm in order to support the existing operations. The existing chiller system will be demolished by DEMA personnel and a new fire riser will be located in its place. The general contractor shall ensure that a flow test is performed in order to make sure that there is adequate water for the building. Sun Engineering, LLC shall be responsible for providing all of the engineering design and we shall provide construction administration services as describe in the Scope of Basic Services.

6. ADDITIONAL INFORMATION

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

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

\$100,000.00

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	75%
b.	Percentage of Total Work Attributable to Non-Government Work:	25%

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

Signature: 

Date: December 10, 2013

Name: Kenneth Pratt

Title: Principal