



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:	Diamondback Design Group, LLC
b. FIRM (OR BRANCH OFFICE) STREET:	2995 W. Elliot Rd., Building 4 Suite 4
c. FIRM (OR BRANCH OFFICE) CITY:	Chandler
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85224
f. YEAR ESTABLISHED:	1996
(g1). OWNERSHIP - TYPE:	Partnership
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h. POINT OF CONTACT NAME AND TITLE:	James Brown, Principal
i. POINT OF CONTACT TELEPHONE NUMBER:	480-345-3963
j. POINT OF CONTACT E-MAIL ADDRESS:	jbrown@diamondbackdesign.com
k. NAME OF FIRM (If block 1a is a branch office):	N/A



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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
Mechanical Engineer	Primary	1	
CADD Technician	Primary	3	
Codes; Standards; Ordinances	Secondary	2	
Total		4	



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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)
5	Chemical Processing and Storage	1
10+	Commercial Building (<i>Low Rise</i>); Shopping Centers	1
10+	Gas Systems (<i>Propane; Natural, Etc.</i>)	1
100+	Heating; Ventilating; Air Conditioning	1
10+	Industrial Buildings; Manufacturing Plants	1
3	Airports Terminals and Hangers	1
100+	Plumbing and Piping Design	1
5	Special Environments; Clean Rooms, Etc.	1
5	Utilities (<i>Gas and Steam</i>)	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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



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4. Resumes of Key Personnel Proposed for this Contract *(Complete one Section 4 for each key person.)*

a. NAME James H Brown, PE	b. ROLE IN THIS CONTRACT Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 30	2. WITH CURRENT FIRM 9 years
d. LOCATION <i>(City and State)</i> Chandler, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> AS, Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Mechanical Engineer	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Member of ASHRAE, Member of ASPE, LEED Certified			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
1.	Civic Plaza Renovation, Symphony Hall, Phoenix, AZ	2005	Professional Services Mech. Engineer
			Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Revise and re-commission HVAC system \$18 million Lead Mechanical Engineer	<input type="checkbox"/>	Check if project performed with current firm
2.	Pure Heart Church, Phoenix, AZ	2009	Professional Services Mech. Engineer
			Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE New HVAC and Plumbing for 1,800 seat worship facility 19,000 sq. ft. \$3 mil Lead Mechanical Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	East Anodize Line, Phoenix, AZ	2013	Professional Services Mech. Engineer
			Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Industrial ventilation, Process piping for 40 tank anodize processing system, 24,000 sq. ft., \$1.5 mil, Lead Mechanical Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	MEMS Cleanroom Expansion, Ann Arbor, MI	2006	Professional Services Mech. Engineer
			Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Micro Electronic Cleanroom Lab, HVAC, Industrial Ventilation, Programming, Schematic Design and Construction Documents. ~\$1.9 mil Mechanical Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Demand Control Ventilation – Retro commissioning. Chandler, AZ		Professional Services Mech. Engineer
			Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Retro fit Controls, 3 Buildings, DCV for energy savings. Load Calculations, ASHRAE 62-1 compliance ~612,000 s.f., Mechanical Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Kristen Fisher	b. ROLE IN THIS CONTRACT Contract Administrator	c. YEARS EXPERIENCE	
		1. TOTAL 5	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Chandler, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Business Management (on going)		f. PROFESSIONAL TRAINING - REGISTRATIONS AutoCAD Training	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel – WLUF Base build, Chandler, AZ	(2) YEAR COMPLETED 2012
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design modifications to the HVAC and Plumbing systems in an existing Sub-fab building. \$1 mil Project Admin and Drafting support	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel – ICR VAV Install, Chandler, AZ	(2) YEAR COMPLETED 2012
		Professional Services Other
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design modifications to HVAC supply/return in existing conference rooms in a 4 story office building. \$400,000, Project Administration	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel – GEX Exhaust Fan Replacement, Chandler, AZ	(2) YEAR COMPLETED 2013
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design for the replacement of (4) Exhaust fans on the roof of a chemical plant building. \$1.2 mil. Project Administration and Drafting support	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel – CSI Lab HVAC Modifications, Chandler, AZ	(2) YEAR COMPLETED 2012
		Professional Services Other
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Modifications to diffusers and flex duct in existing lab space. \$200.000, Project Administration	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel – Make-up air Duct Modifications, Chandler, AZ	(2) YEAR COMPLETED 2014
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design of additional make-up air ducts in existing office building. \$300.000, Project Admin and Drafting support	<input checked="" 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 Lisa E. Shea	b. ROLE IN THIS CONTRACT Mechanical Plumbing Design	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 5
d. LOCATION (City and State) Chandler, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) Undergrad Studies, U of A		f. PROFESSIONAL TRAINING - REGISTRATIONS Drafting, Autodesk Design Suite – AutoCAD, MEP	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) Beyond The Torch, Scottsdale, AZ	(2) YEAR COMPLETED 2014	
		Professional Services CAD Technician	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE HVAC and Plumbing for a ~ 4,000 s.f. Custom Art Gallery and Studio Project Job Captain		<input checked="" type="checkbox"/>
2.	(1) TITLE AND LOCATION (City and State) Williams, Windrose Building, Phoenix. AZ	(2) YEAR COMPLETED 2014	
		Professional Services CAD Technician	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Architectural Design, Drafting and Code Review for a ~9,000 s.f. re-purposed LEED building Project Project Job Captain		<input checked="" type="checkbox"/>
3.	(1) TITLE AND LOCATION (City and State) SRP Office Renovation, Mesa, AZ	(2) YEAR COMPLETED 2014	
		Professional Services CAD Technician	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Tenant Improvement Plans, ~4,000 s.f. Architectural, HVAC and Electrical plans AutoCAD Draftsman		<input checked="" type="checkbox"/>
4.	(1) TITLE AND LOCATION (City and State) Aeromil Chemfilm Line, Phoenix, AZ	(2) YEAR COMPLETED 2014	
		Professional Services CAD Technician	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Schematic Design, As-Built documentation, Plans For Metal Prep Process AutoCAD Draftsman		<input checked="" type="checkbox"/>
5.	(1) TITLE AND LOCATION (City and State) Nationwide Vision Center, Tucson, AZ	(2) YEAR COMPLETED 2014	
		Professional Services CAD Technician	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ~ 3,300 s.f. Tenant Improvement, Field Verification, As-Built documentation, HVAC, Plumbing and Architectural Design and Drafting Project Manager		<input checked="" type="checkbox"/>



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a. NAME Marc Conway	b. ROLE IN THIS CONTRACT Mechanical Plumbing Design	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 5
d. LOCATION <i>(City and State)</i> Chandler, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Cabrillo Community College		f. PROFESSIONAL TRAINING - REGISTRATIONS CAD Institute, CAD and Information Systems	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Discount Tire Corporate Aircraft Hanger, Scottsdale, AZ	(2) YEAR COMPLETED 2014
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Upgrade Existing HVAC system. Field verified existing as-built condition, and produced CAD documents of demolition and installation plan.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Legend Technical Services, Phoenix, AZ	(2) YEAR COMPLETED 2014
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design specialty gases supply system for laboratory equipment in a new construction project. Field verified location, and produced CAD documents for installation four lab gas supply, control, and safety systems.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Chem Research Company, Phoenix, AZ	(2) YEAR COMPLETED 2014
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Incorporate a new anodize process line and upgrade the exhaust and emissions control system. Field verified existing as-built conditions. Modeled (3D) the new process line and produced demolition and installation plans.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Intel, Chandler, AZ	(2) YEAR COMPLETED 2013
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Test lab expansion (interior renovation). Field verified existing as-built condition, and produced CAD documents of demolition and installation plan for modifications to HVAC system based on increased occupancy and equipment	<input checked="" type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> VPET, Inc., Fontana, CA	(2) YEAR COMPLETED 2010
		Professional Services CAD Technician
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Relocate an existing packaging production line into an existing warehouse. Field verified existing as-built condition of existing warehouse. Produced CAD based conceptual layouts of relocated equipment in 3D for planning approval.	<input type="checkbox"/> Check if project performed with current firm



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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) Pure Heart Church Phoenix, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable) 2009

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Jim Gidley, jgidley@cox.net 602-250-1799	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$20k	e. TOTAL COST OF PROJECT un-known
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

HVAC and Plumbing Design for a 1,800 member congregation. (assembly occupancy)

Design evaluation of chilled water, DX Base, Gas heat, Economizer and energy reclaim analysis using e20-ii simulation models.

High ventilation requirements were overcome with heat wheel equipment.

Variable load conditions were accommodated with common duct work and multiple AHU packages with pressure sensing control.

OBJECTIVES: Minimum complexity, acoustically sensitive, and cost conscious design.



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

a. TITLE AND LOCATION <i>(City and State)</i> Beyond the Torch Scottsdale, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Sheila Olason, info@beyondthetorch.com 480-297-8879	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$5k	e. TOTAL COST OF PROJECT un-known
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Tenant improvement for a custom art gallery and glass art studio and metal works shop and teaching venue.

Industrial ventilation/exhaust system

Multiple air- conditioners

Process Piping, Gas and Oxygen System

As-Built documentation and AutoCAD construction documents.

Objective: Provide tenant improvement plans for permit and construction



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

a. TITLE AND LOCATION (City and State) Williams Windrose Building Phoenix, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable) 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Williams Mechanical, Tim Williams tim@wmsaz.com 623-533-6810	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$10k	e. TOTAL COST OF PROJECT In Progress
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Re-purpose existing building for new owner.
 Mechanical contractor offices, records, storage and mechanical systems "Show Case"
 Built-up chillers for chilled water to fan coils
 Rain water reclaim for toilets, irrigation and cooling tower water
 Demand controlled ventilation
 Radiant heating design second floor

Objective: Provide conceptual plans for price work-up and bank loans



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

a. TITLE AND LOCATION (City and State) Chem Research Co. East Anodize Line Phoenix, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Chem Research Co., Tim Putnam tputnam@chemresearch.com 602-288-0393	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$150K	e. TOTAL COST OF PROJECT un-known
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Industrial Ventilation and process piping design for a 40 Tank Anodize line

60,000 CFM Scrubbed Exhaust System
25,000 CFM Make-up Air System

Multiple conceptual AutoCAD models for owner selection

Process piping and waste water treatment

Owners Objectives: to back-fill existing area with custom process tanks and piping, suitable to a flexible anodize demand,
Objectives met

Challenges: Adapt to existing obstruction, Constraints and Utilities



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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.)

See Attachments

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:	0
b. Percentage of Total Work Attributable to Non-Government Work:	100%

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

Signature: James H Brown

Date: 12-22-14

Name: JAMES H BROWN, PE

Title: PRINCIPAL-VICE PRESIDENT