



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:	SmithGroupJJR, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	455 n. 3 RD Street, Suite 250
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	AZ
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85004
f. YEAR ESTABLISHED:	1973 (Phoenix) 1903 (Incorporated)
(g1). OWNERSHIP - TYPE:	Private Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	No
h. POINT OF CONTACT NAME AND TITLE:	Brad Woodman: Office Director
i. POINT OF CONTACT TELEPHONE NUMBER:	602.265.2200
j. POINT OF CONTACT E-MAIL ADDRESS:	brad.woodman@smithgroupj jr.com
k. NAME OF FIRM (If block 1a is a branch office):	



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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
Architects		204	33
Architectural Designer		127	16
CADD Technician		9	1
Construction Manager		1	1
Electrical Designer		27	7
Electrical Engineer		18	5
Fire Protection Engineer		5	1
Interior Designer		43	11
Landscape Architects		53	4
Mechanical Engineers		28	7
Planner: Urban/Regional		4	1
Project Manager		14	1
Other		305	32
Total		838	120



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

<p>a. NAME Brad Woodman, AIA, NCARB, LEED AP BD+C</p>	<p>b. ROLE IN THIS CONTRACT Office Director</p>	<p>c. YEARS EXPERIENCE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">1. TOTAL 24</td> <td style="width:50%;">2. WITH CURRENT FIRM 10</td> </tr> </table>		1. TOTAL 24	2. WITH CURRENT FIRM 10
1. TOTAL 24	2. WITH CURRENT FIRM 10				
<p>d. LOCATION (City and State) Phoenix, Arizona</p>					
<p>e. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture</p>		<p>f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect: Arizona, NV, UT, NM, TX; National Council of; Architectural Registration Boards Certified; LEED Accredited Professional AP BD+C</p>			
<p>g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Brad Woodman is the Office Director of SmithGroupJJR's Phoenix office and has over 24 years of experience in the architectural field. Brad also serves on the SmithGroupJJR board of directors. Published and a presenter in numerous public forums, Brad's experience includes the design, planning and construction of biotech, bioscience, biomedical, energy labs as well as forensic and health science laboratories throughout the U.S. and Canada.</p>					

H. RELEVANT PROJECTS

#	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		
1.	Phoenix Sky Harbor Airport, Terminal 3 Renovation Phoenix, Arizona	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services in progress</td> <td style="width:50%;">Construction (if applicable) in progress</td> </tr> </table>	Professional Services in progress	Construction (if applicable) in progress	<input checked="" type="checkbox"/> Check if project performed with current firm The Project will provide flexibility through an incremental development, improve customer service for the traveling public, and provide more efficient operations for airlines. The Project is broken into three distinct components to maximize the flexibility to accommodate changes in airline markets or other economic conditions that impact passenger activity. The Project was developed using current passenger forecasts and all cost estimates are provided in current dollars. Principal-in-Charge.
		Professional Services in progress	Construction (if applicable) in progress		
2.	National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2013</td> <td style="width:50%;">Construction (if applicable) 2013</td> </tr> </table>	Professional Services 2013	Construction (if applicable) 2013	<input checked="" type="checkbox"/> Check if project performed with current firm This high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. LEED Platinum certified. Principal-in-Charge.
		Professional Services 2013	Construction (if applicable) 2013		
3.	Maricopa County Sheriff's Office Crime Lab Phoenix, Arizona	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2011</td> <td style="width:50%;">Construction (if applicable) 2011</td> </tr> </table>	Professional Services 2011	Construction (if applicable) 2011	<input checked="" type="checkbox"/> Check if project performed with current firm Renovation of an existing building for use by the Maricopa County Sheriff's Office as a Crime and Photography Lab. Services include programming, design and construction administration for the facility, including specialized furniture, fixtures and equipment.
		Professional Services 2011	Construction (if applicable) 2011		
4.	International Genomics Consortium/Translational Genomics Research Institute (IGC/TGEN) Headquarters, Phoenix, Arizona	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services 2004</td> <td style="width:50%;">Construction (if applicable) 2004</td> </tr> </table>	Professional Services 2004	Construction (if applicable) 2004	<input checked="" type="checkbox"/> Check if project performed with current firm The 175,000 sf facility serves as the headquarters for the International Genomics Consortium (IGC) and the Translational Genomics Institute (TGen). Inside, a consortium of renowned researchers conduct biomedical research to target the development of new treatments and cures for cancer, diabetes and other diseases. Project Director.
		Professional Services 2004	Construction (if applicable) 2004		
5.	National Institute of Standards and Technology Building One Renovation, Boulder, Colorado	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Professional Services in progress</td> <td style="width:50%;">Construction (if applicable) in progress</td> </tr> </table>	Professional Services in progress	Construction (if applicable) in progress	<input checked="" type="checkbox"/> Check if project performed with current firm Renovation of Building 1 which will provided a stable environment for the science and was a necessity for NIST's continued long-term support of US industrial competitiveness in the world market. Targeting LEED Silver Certification. Principal-in-Charge
		Professional Services in progress	Construction (if applicable) in progress		



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

a. NAME Martha dePlazaola Abbott, LEED AP BD+C	b. ROLE IN THIS CONTRACT Principal-in-Charge	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 7
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Accredited Professional AP BD+C	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Martha dePlazaola Abbott is Principal and Workplace Studio Leader for SmithGroupJJR's Phoenix office. During her more than 24 years practicing architecture, Martha has built a diverse portfolio of commercial, municipal, government, institutional, public, civic, and entertainment project types ranging in size up to over 800,000 sf.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Phoenix Sky Harbor Airport, Terminal 3 Renovation Phoenix, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Project will provide flexibility through an incremental development, improve customer service for the traveling public, and provide more efficient operations for airlines. The Project is broken into three distinct components to maximize the flexibility to accommodate changes in airline markets or other economic conditions that impact passenger activity. The Project was developed using current passenger forecasts and all cost estimates are provided in current dollars. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler Campus Expansion Chandler, Arizona	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design and construction of two new 4-story office buildings (205,000 gsf each), one 3-level parking garage and 1,175 additional surface parking on approximately 25 acres of a 62.59 acre site. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Northern Arizona Real Estate Holdings Office Building Flagstaff, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The 3-story building provides 45,000 sf of consolidation office space for several departments that were scattered throughout the campus. Although not a LEED certified project, the Design/Build team were tasked with meeting a LEED Silver standard for the building. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	100K Consolidated Ogden, Utah	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The new building is a 115,000 sf four story consolidation project for the IRS in Ogden, Utah. This new facility utilizes sustainable strategies and state of the art technologies (infrastructure and security) to combine seven departments that occupied several buildings around the city. The site has been designed to accommodate approximately 275 parking spaces. The building is LEED Gold certification. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Phoenix School of Law Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Conversions of an office building into 208,000 sf of administrative, classroom, library, and student commons space for the relocation of Phoenix School of Law. Additional amenities include a student center, cafe-deli, book store, fitness center, and outdoor student commons. Project Manager.	<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 Mark Adams, RID, IIDA	b. ROLE IN THIS CONTRACT Principal, Interiors	c. YEARS EXPERIENCE	
		1. TOTAL 24	2. WITH CURRENT FIRM 6
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelors in Interior Design, Minor in Fine Arts; Architectural Studies		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Interior Designer: IL; International Interior Design Association International Facility Management Association	

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

Mark Adams is a Principal and Workplace Studio Leader for Interior Architecture in the Phoenix office of SmithGroupJJR. With over 24 years experience as an interior designer, he has led projects as principal-in-charge, program and project manager as well as principal designer. Mark is well-versed in all aspects of design and has significant experience in leading large-scale programming efforts and supervising staff to ensure the success of client objectives.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	DPR Construction Phoenix Regional Office Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay in Phoenix. An open plan accommodates flexibility and the strategic transformation of this underutilized building is targeting LEED Platinum and Net Zero energy usage. Principal, Interior	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler Campus Expansion Chandler, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design and construction of two new 4-story office buildings (205,000 gsf each), one 3-level parking garage and 1,175 additional surface parking on approximately 25 acres of a 62.59 acre site. Principal, Interior	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	General Motors IT Innovation Center Chandler, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In an effort to expand their Innovation Center's around the country, GM is leasing a new 3 story, building which will accommodate 1,000 employees. Each floor plate is arranged in neighborhoods that are strategically placed throughout the open office. Collaborative and social zones are nestled in the open office to support teaming. Community Common spaces are located at the centroid of the second and third floors and acts as gathering, eating and meeting space for all employees. Principal, Interior	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Arizona Commerce Authority Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Tenant improvement within the Freeport-McMoRan Corporate Office tower in downtown Phoenix. ACA's main office is located on the east side of the 19th floor along with prime ground floor space for a variety of meeting and conference spaces. SmithGroupJJR has established a successful in progress design-build relationship with Perini Building Company and Freeport-McMoRan for the tenant improvements throughout the tower, designed by SmithGroupJJR. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Aspect Regional Headquarters Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This 17,000 sf Regional Headquarters project was an exercise in brand creation. Aspect looked to SmithGroupJJR to develop their new space to reflect the progressive and dynamic nature of this technologies provider organization. The space is made up of open workstations and collaborative settings balanced by offices, conference and training rooms that have transparency in all so that the activity in the space is felt by both staff and visitors alike. Another critical component of the space was the widespread use of technology, which included the installation of dual 90" monitors in the product demonstration room. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Chris Ledwith, RA, LEED AP BD + C	b. ROLE IN THIS CONTRACT Project Manager/ Project Architect	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 3
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS / Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect: AZ; LEED Accredited Professional BD + C	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
 Chris has 18 years of experience in the field of architecture and participates in all stages of the architectural process working to achieve innovative design solutions from concept through construction. Serving as Project Manager/Project Architect on numerous projects for the workplace studio, Chris is well-versed in a variety of municipal project types. He has extensive experience working with contractors in design-build and CM@R project delivery types.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Chandler Campus Expansion Chandler, Arizona	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Design and construction of two new 4-story office buildings (205,000 gsf each), one 3-level parking garage and 1,175 additional surface parking on approximately 25 acres of a 62.59 acre site. Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Safeway Deer Valley, Phase 2 Phoenix, Arizona	2002	2002
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 274,000 sf, four story building specifically designed to provide a home location for the accounting functions of Safeway, Inc. The project includes a 459,000 sf, 3-level, 1350-car parking garage. DV-2 was designed as the centerpiece of a potential 40-acre campus environment for various administrative functions of Safeway's world-wide operations. The building provides office space for over 1200 employees and 31,000 sf of storage for accounting transactions throughout the Safeway system. Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	National Institute of Standards and Technology Building One Renovation, Boulder, Colorado	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of approximately 185,000 gross square feet of Building 1 which will provide a stable environment for the science and is a necessity for NIST's continued long-term support of US industrial competitiveness in the world market. Being designed to achieve a minimum of LEED Silver Certification. Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	University of Arizona Roy P. Drachman Hall Tucson, Arizona	2005	2005
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New 115,000sf office and classroom building on the Arizona Health Sciences campus to accommodate the College of Public Health, College of Pharmacy and College of nursing. This \$30M project includes conference space, large lecture rooms and shared classroom space for all three programs. Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	University of Arizona College of Medicine Expansion Study Phoenix, Arizona	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Study to outline the programmatic needs and review the capacity and ability of the Phoenix Bioscience Campus to support the expansion of the UA College of Medicine to add another 150 students per class. Study required the development of facilities to support the educational, research and clinical activities for a top tier Medical School and major academic medical center in four phases. Size: N/A Cost: N/A Role: Architect	<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 Michelle Romero, IIDA	b. ROLE IN THIS CONTRACT Interior Designer	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 4

d. LOCATION *(City and State)* **Phoenix, Arizona**

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS / Architecture	f. PROFESSIONAL TRAINING - REGISTRATIONS NCIDQ; IIDA Member
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*

Michelle Romero has over 12 years of Interior Design experience in all areas from design programming to construction administration. She has worked on a variety of corporate office, tenant improvement and interior architecture projects. She has just successfully completed the Phoenix School of Law tenant improvement located in the Phelps Dodge Tower in downtown Phoenix. Michelle is the past president of the IIDA Southwest Chapter and currently serves on its Board of Directors.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> DPR Construction Phoenix Regional Office Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay in Phoenix. An open plan accommodates flexibility and the strategic transformation of this underutilized building is targeting LEED Platinum and Net Zero energy usage. Interior Designer	Professional Services 2011	Construction (if applicable) 2011
		<input checked="" type="checkbox"/> Check if project performed with current firm	

2.	(1) TITLE AND LOCATION <i>(City and State)</i> Power One Tenant Improvements Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project is 122,936 total SF with approx 15,000 SF of office and the remainder going to manufacturing. The manufacturing portion of the space consists of multiple production lines as well as shipping and receiving. Interior Designer.	Professional Services 2011	Construction (if applicable) 2011
		<input checked="" type="checkbox"/> Check if project performed with current firm	

3.	(1) TITLE AND LOCATION <i>(City and State)</i> General Motors IT Innovation Center Chandler, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In an effort to expand their Innovation Center's around the country, GM is leasing a new 3 story, building which will accommodate 1,000 employees. Each floor plate is arranged in neighborhoods that are strategically placed throughout the open office. Collaborative and social zones are nestled in the open office to support teaming. Community Common spaces are located at the centroid of the second and third floors and acts as gathering, eating and meeting space for all employees. Interior Designer	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	

4.	(1) TITLE AND LOCATION <i>(City and State)</i> 100K Consolidated Ogden, Utah	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The new building is a 115,000 sf four story consolidation project for the IRS in Ogden, Utah. This new facility utilizes sustainable strategies and state of the art technologies (infrastructure and security) to combine seven departments that occupied several buildings around the city. The site has been designed to accommodate approximately 275 parking spaces. The building is LEED Gold certification. Project Manager.	Professional Services 2012	Construction (if applicable) 2012
		<input checked="" type="checkbox"/> Check if project performed with current firm	

5.	(1) TITLE AND LOCATION <i>(City and State)</i> Aspect Regional Headquarters Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This 17,000 sf Regional Headquarters project was an exercise in brand creation. Aspect looked to SmithGroupJJR to develop their new space to reflect the progressive and dynamic nature of this technologies provider organization. The space is made up of open workstations and collaborative settings balanced by offices, conference and training rooms that have transparency in all so that the activity in the space is felt by both staff and visitors alike. Another critical component of the space was the widespread use of technology, which included the installation of dual 90" monitors in the product demonstration room. Principal-in-Charge.	Professional Services 2013	Construction (if applicable) 2013
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Michelle Goodlive, LEED AP	Interior Designer	1. TOTAL 15	2. WITH CURRENT FIRM 2
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS / Interior Design		f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Accredited Professional; NAIOP	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
 With 15 years of project experience specializing in Corporate Office Michelle has mastered the skills of programming, space planning, & design. As project manager she efficiently handle large volumes of work, delegate and multi-task under pressure. Michelle takes pride in providing client service from inception to completion to maintain strong, long-term relationships. She has developed a network of clients & broker relationships in a variety of project types.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) GoDaddy Global Technology Center Tempe, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 150,000 sf Full service interior design, SmithGroupJJR contributed interior design, FEE&E selection/ specification and coordination of modifications to the shell and core architecture. Full service kitchen, open seating and outside gaming areas create an energetic atmosphere. Interior Designer.	Professional Services 2014	Construction (if applicable) 2014
		<input checked="" type="checkbox"/> Check if project performed with current firm	

2.	(1) TITLE AND LOCATION (City and State) GoDaddy Offices Scottsdale, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Since SmithGroupJJR has started working with GoDaddy, we have engaged in over seventeen projects ranging in size form 3,000 sf to over 80,000 sf at their headquarters in Scottsdale, AZ and offices in Gilbert, AZ, Sunnyvale, CA and Iowa. Interior Designer.	Professional Services varies	Construction (if applicable) varies
		<input checked="" type="checkbox"/> Check if project performed with current firm	

3.	(1) TITLE AND LOCATION (City and State) Rural/Metro Corporate Headquarters TI Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 90,000 sf typical office space to include under the same roof: Executive, Division Leaders, Admin and customer care center. Mixture of open office and closed office environments with huddles spaces provided for flexible gathering/meeting places and connections between departments. Project Manager	Professional Services in progress	Construction (if applicable) in progress
		<input checked="" type="checkbox"/> Check if project performed with current firm	

4.	(1) TITLE AND LOCATION (City and State) Mobile Mini Headquarters Renovation Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Full Service interior design as part of their relocation the new office spaces are designed to align with their company core values and brand statement. Making the move to a fully open office environment with sprinkled areas of gathering spaces and intimate phone rooms promotes a more energetic atmosphere and social environment among the different departments. Interior Designer	Professional Services in progress	Construction (if applicable) in progress
		<input checked="" type="checkbox"/> Check if project performed with current firm	

5.	(1) TITLE AND LOCATION (City and State) Aspect Regional Headquarters Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 17,000 sf Regional Headquarters project was an exercise in brand creation. Aspect looked to SmithGroupJJR to develop their new space to reflect the progressive and dynamic nature of this technologies provider organization. The space is made up of open workstations and collaborative settings balanced by offices, conference and training rooms that have transparency in all so that the activity in the space if felt by both staff and visitors alike. Interior Designer.	Professional Services 2013	Construction (if applicable) 2013
		<input checked="" type="checkbox"/> Check if project performed with current firm	



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a. NAME Jay Robins, LEED AP BD+C	b. ROLE IN THIS CONTRACT Engineering Team Leader	c. YEARS EXPERIENCE	
		1. TOTAL 38	2. WITH CURRENT FIRM 22
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION)		f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Accredited Professional BD+C	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Jay Robins has over 38 years of experience and is the Engineering Team Leader for the Phoenix office. His expertise spans a broad spectrum including corporate, educational, governmental and institutional projects which include laboratory, hospitals and manufacturing plants. Jay's contributions to projects have been pivotal with regard to providing input and direction to the computerized building systems modeling for accurate analysis and forecasting of energy consumption.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	DPR Phoenix Headquarters Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay in Phoenix. An open plan accommodates flexibility and the strategic transformation of this underutilized building received LEED Platinum and Net Zero energy usage. Size: 16,500 Cost:\$37.6M Role: Engineering Team Leader	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Apollo Development Corp., Riverpoint Center, Phoenix, Arizona	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 660,000 sf corporate campus developed by the Apollo Group for the University of Phoenix and houses the administrative offices for their online university group. 10-story and two 6-story office buildings house a 22,000 sf food service component, and the 37-acre campus parks 4,500 cars. Size: 660,000 sf Cost: \$121M Role: Engineering Lead	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Chandler New City Hall & Parking Structure, Chandler, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The 137,700 sf Chandler City Hall was designed to consolidate a number of city administration offices and service departments that interact with the public. The complex of building components and structured parking across two downtown city blocks will allow the government to meet its needs in an efficient, convenient fashion. The project is LEED Certified Gold. Size: 137,000 Cost: \$46.3M Role: Engineering Lead	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	100K Consolidated Ogden, Utah	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The new building is a 115,000 sf four story consolidation project for the IRS in Ogden, Utah. This new facility utilizes sustainable strategies and state of the art technologies (infrastructure and security) to combine seven departments that occupied several buildings around the city. The site has been designed to accommodate approximately 275 parking spaces. The building is LEED Gold certification. Size: 115,000 sf Cost: \$17M Role: Engineer Lead	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	SRP-MIC Tribal Government Complex Phoenix Metropolitan Area, Arizona	2009	2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE An administration facility for the sovereign nation of the Salt River Pima-Maricopa Indian Community, this facility houses various community departments including engineering/construction services, finance, tribal government leadership, intergovernmental relations, housing, general counsel, community relations, HR, public works, community development & cultural resources. The complex includes various site features and hardscape demonstrative of their heritage and cultural aspects. A council chamber building includes tribal council offices, auditorium, meeting rooms and support spaces. Size: 140,000 sf Cost: \$80M Role: Engineering Lead	<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 Barnabas Bagby, PE, LEED AP BD+C, NCEES	b. ROLE IN THIS CONTRACT Principal, Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 16
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) Associate General Studies, Phoenix College		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer: Arizona, AR, CA, Colorado, HI, KS, NV, OK, OR, TX, WA, WV; LEED Accredited Professional AP BD+C; National Council of Examiners for Engineering and Surveying	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
With over 40 years of experience in electrical engineering, Barnabas Bagby leads the SmithGroupJJR electrical engineering team in the Phoenix office. A seasoned project manager, he has performed code studies, estimating, lighting system comparative analysis, short circuit/coordination studies, sound and intercommunication systems, as well as, voice, video and data cabling, security systems and energy management systems.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Maricopa County Sheriff's Office Crime Lab Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of an existing building for use by the Maricopa County Sheriff's Office as a Crime and Photography Lab. Services include programming, design and construction administration for the 13,000 square foot facility, including specialized furniture, fixtures and equipment. \$2.4 million construction budget.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler City Hall and Parking Structure Chandler, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chandler City Hall was designed to consolidate a number of city administration offices and service departments that interact with the public. The concept is that through a complex of building components and structured parking across two downtown city blocks, the needs of the government are met in an efficient convenient fashion comprising a total of 125,000 sf. An additional 25,000 sf for the City of Chandler Museum is incorporated into the complex. The project is LEED Certified Gold.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	University of Arizona Engineering Innovation Building Tucson, Arizona	tbd	tbd
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A new 135,000 gsf facility that will provide research labs and research offices for faculty from the School of Sustainable Engineered Systems and Biomedical Engineering. The project will be LEED Silver at a minimum, although LEED Platinum is the goal. \$42 million.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Gateway Community College New Integrated Education Building Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Targeting LEED Silver Certification. \$34 million.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Pima County Wireless Integrated Network Communication Facilities, Tucson, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project provides dispatch facilities for the co-location of 4 jurisdictional agencies: Pima County Sheriff's Department and three County Fire Districts.	<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 Jonathan Silhol, PE, LEED AP BD+C	b. ROLE IN THIS CONTRACT Senior Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 9
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS / Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer: AZ; LEED Accredited Professional	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Jonathan Silhol is a highly skilled senior mechanical engineer with twelve years of experience designing heating, ventilation and air conditioning systems as well as plumbing and fire protection in a variety of building types ranging from commercial office and tenant improvements to athletic centers, higher education buildings and high-tech facilities.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	GoDaddy Global Technology Center Tempe, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 150,000 sf Full service interior design, SmithGroupJJR contributed interior design, FEE&E selection/ specification, and coordination of modifications to the shell and core architecture. Full service kitchen, open seating, and outside gaming areas create an energetic atmosphere.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	General Motors I.T. Innovation Center Chandler, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 170,000 sf T.I. where interior space is modeled after the 'Workplace Choices' corporate standards developed by GM where collaborative social zones are nestled in the open office.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Chandler New City Hall & Parking Structure, Chandler, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The 137,700 sf Chandler City Hall was designed to consolidate a number of city administration offices and service departments that interact with the public. The complex of building components and structured parking across two downtown city blocks will allow the government to meet its needs in an efficient, convenient fashion. The project is LEED Certified Gold.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Gammage & Burnham Relocation Phoenix, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 35,000 sf interior renovation space. This new space for the established Phoenix-based law firm is the firm's first move from their original space in the same building in Downtown Phoenix.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Aspect Regional Headquarters Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This 17,000 sf Regional Headquarters project was an exercise in brand creation. Aspect looked to SmithGroupJJR to develop their new space to reflect the progressive and dynamic nature of this technologies provider organization. The space is made up of open workstations and collaborative settings balanced by offices, conference and training rooms that have transparency in all so that the activity in the space is felt by both staff and visitors alike.	<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 Craig Passey, AIA	b. ROLE IN THIS CONTRACT Healthcare Studio Leader	c. YEARS EXPERIENCE	
		1. TOTAL 19	2. WITH CURRENT FIRM 9

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
BS / Design

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect : AZ

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Craig has over 19 years of experience in architectural planning and design. As a Principal with a solid project management background in healthcare focused experience, he maintains budgetary and scheduling responsibilities throughout the course of the project. Craig plays an integral role in strengthening existing client relationships and developing new ones. He has been successful in developing and maintaining client relationships, project coordination and delivery, and facility design.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Banner Ironwood Medical Center Queen Creek, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Banner Ironwood Medical Center is a 4-bed start-up facility with the ability to grow to 82-beds. The 2-story D&T (Diagnostic & Treatment) area includes the following: 18 bay Emergency Department, Radiology Department including the following modalities - CT, General Radiology, R/F, Ultrasound and Nuclear Medicine, 4 Universal OR's and 2 Endo rooms, a 5-story Nursing tower is also planned that includes 4 LDR's & 10 Ante-Partum/ Post-Partum Beds, and 72 combination beds (ICU, M/S, Intermediate Care). Size: 200,000 sf Cost: \$81M Role: Project Manager	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Banner Health Hospital Templates, Arizona Various Locations	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SmithGroup created design templates that are to be used for new Banner hospitals, additions, and renovation projects. The design templates will be implemented system-wide, combining knowledge and expertise, defined with Banner leadership. Size: Varies Cost: Varies Role: Project Manager	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Banner Page Hospital Emergency Department Addition Page, Arizona	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Banner Page Hospital project includes an eight bed, 10,000 square foot emergency department addition, with six treatment bays and two trauma bays as well as a new hospital entry-way. Reorganizing hospital circulation, the addition/renovation improves the functionality and throughput for the emergency department patients, decreases patient traffic flow through public areas and increases patient satisfaction to create a more healing and inspirational environment. Size: 10,000 sf Cost: \$49M Role: Project Manager	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Mt. Graham Regional Medical Center Safford, Arizona	2007	2007
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Mt. Graham Regional Medical Center project includes expansion and renovation of existing portions of the hospital to accommodate for growth. Areas include the emergency department, imaging, laboratory, medical/surgical inpatient, ICU, OB and materials management. SmithGroup services include programming, schematic design, design development, construction documents and construction administration. Size: 54000 sf Cost: \$15M Project Manager	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	VA Harlingen Outpatient Clinic Harlingen, TX	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New 153,000 gsf, 3 story, multi-discipline clinic with outpatient surgery. Also included on the 6.94 acre site is structured parking for 750 cars. Size: 153,000 sf Cost: \$41M. Project Manager	<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 Lyle Steely, AIA, LEED AP BD+C	b. ROLE IN THIS CONTRACT Architect	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 11

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
Master / Architecture
BS / Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect: AZ; AIA Member; LEED Accredited Professional BD + C

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Lyle has over 14 years experience that has focused on design concept and development, construction administration, detailing and documentation as well as project document coordination. He has 7 years first hand experience with patient environments as an EMT, ER technician at a level two trauma center, and leader of the flight deck medical emergency response team in the United States Navy.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Banner Ironwood Medical Center Queen Creek, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Banner Ironwood Medical Center is a 4-bed start-up facility with the ability to grow to 82-beds. The 2-story D&T (Diagnostic & Treatment) area includes the following: 18 bay Emergency Department, Radiology Department including the following modalities - CT, General Radiology, R/F, Ultrasound and Nuclear Medicine, 4 Universal OR's and 2 Endo rooms, a 5-story Nursing tower is also planned that includes 4 LDR's & 10 Ante-Partum/ Post-Partum Beds, and 72 combination beds (ICU, M/S, Intermediate Care). Size: 200,000 sf Cost: \$81M Role: Designer	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Banner Health Hospital Templates, Arizona Various Locations	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE SmithGroup created design templates that are to be used for new Banner hospitals, additions, and renovation projects. The design templates will be implemented system-wide, combining knowledge and expertise, defined with Banner leadership. Size: Varies Cost: Varies Role: Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Banner Page Hospital Emergency Department Addition Page, Arizona	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Banner Page Hospital project includes an eight bed, 10,000 square foot emergency department addition, with six treatment bays and two trauma bays as well as a new hospital entry-way. Reorganizing hospital circulation, the addition/renovation improves the functionality and throughput for the emergency department patients, decreases patient traffic flow through public areas and increases patient satisfaction to create a more healing and inspirational environment. Size: 10,000 sf Cost: \$49M Role: Designer	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Craig Hospital Renovation & Expansion Englewood, CO	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Master planning, expansion and renovation of this 93 bed Top Ten Rehabilitation Hospital focused on the treatment of Spinal Cord Injury and Traumatic Brain Injury patients. The administrative team engaged our team to assist in updating the facilities to reflect current best practices for rehab institutions focused on this specific patient population. SmithGroupJJR is working in association with RTA Architects. Size: 89,000 sf Cost: \$90 M (est) Role: Project Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	VA Harlingen Outpatient Clinic Harlingen, TX	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New 153,000 gsf, 3 story, multi-discipline clinic with outpatient surgery. Also included on the 6.94 acre site is structured parking for 750 cars. Size: 153,000 sf Cost: \$41M. Role: Architect	<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 Erica Fisher	b. ROLE IN THIS CONTRACT Architectural Designer	c. YEARS EXPERIENCE	
		1. TOTAL 10	2. WITH CURRENT FIRM 5

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
BS / Interior Design

f. PROFESSIONAL TRAINING - REGISTRATIONS

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Erica's passion for healthcare design has led her to work exclusively with healthcare clients for the past 10 years. Her experience includes both acute care hospitals and outpatient facilities with a level of detail ranging from campus master planning to medical equipment planning. Throughout the design process, her primary focus is on the needs of Patients, Families and Staff.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Banner Baywood Medical Center/Banner Heart Hospital Master Campus Plan, Mesa, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE In-depth investigation of existing departments' physical condition, configuration, adjacency and capacity. This information, along with the projected service growth from Banner Health and the new requirements for future health facilities will be used in creating options for how to plan the existing and expand campus land and buildings. Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Banner Estrella Medical Center Facility Expansion Phoenix, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project consisting of approximately 400,000 sf, which includes 310,000 sf of new construction and 90,000 sf of renovations. New construction includes a 6-story Patient Tower, with the fifth and sixth levels shelled out for future build-out, an expansion to the existing Central Utility Plant, as well as a 1-story expansion to the Emergency Department. Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Ironwood Cancer and Research Center, Glendale Facility Glendale, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 25,000 sf adaptive reuse converting an existing industrial office building into an Outpatient Cancer treatment facility. Project included a Linear Accelerator, with shell space for future vault, Chemotherapy room for 24 patients, PET/CT, CT, Activity Room, Boutique, 16 Exam rooms and a SPEC suite with separate entry, waiting, and 4 Exams. Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Banner Health Center Prototype Various Locations	2011	n/a
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Developed prototype plans for outpatient health centers. Plans for entry, neighborhood, community and regional centers are being developed. The prototype packages will include functional programs, space programs, room templates, department plans and full engineering concept development. Architectural Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Northern AZ VA Health Care System Emergency Dept. Renovation and Expansion, Prescott, AZ	2012	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The objective of this project is to provide a new facility following the latest VA Design Guidelines, Patient Focused Care concepts and Evidence Based Design principles. Key features of the project include a new walk-up entrance, new covered entrance for the ambulance, incorporation of natural light, curved forms, and warm colors throughout the facility and private exam-treatment rooms. Roads and parking area around the expansion will be modified to provide easier access and compliance with both the ADA and VA Accessible Guidelines. Architectural Designer.	<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 John Abed, AIA, EDAC, LEED AP BD+C	b. ROLE IN THIS CONTRACT Architect	c. YEARS EXPERIENCE	
		1. TOTAL 26	2. WITH CURRENT FIRM 14

d. LOCATION *(City and State)* **Phoenix, Arizona**

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
MS / Architecture
BS / Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect: AZ; Evidence-based Design and Construction Accredited;
LEED Accredited Professional BD+C

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

Katheryn Stachler has over 18 years of experience in the field of architecture. Her portfolio includes education, retail and municipal structures as well as industrial and hospitality projects. Katheryn is well-versed in all phases of project development from programming through construction administration.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Arizona Department of Veteran Services, Arizona State Veteran Home, Tucson, Arizona	2009	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Arizona State Veterans Home – Tucson is designed to blend in with and complement the Southern Arizona VA Health Care System Main Campus in Tucson, Arizona. The intent of this project is to create an environment of care that fulfills the vision defined in the Department of Veterans Affairs, Office of Facilities Management, Nursing Home Design Guide, 2006. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Southern Arizona VA Healthcare System, Various Projects, Tucson, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Role: Project Manager. Clinical Lab Expansion: Build-out of 20,000 sf of existing shell space to relocate in-patient pharmacy and expand clinical lab. A 5,000 sf bio-medical shop was added in the space vacated by the in-patient pharmacy. Polytrauma Rehab Addition: The scope of the project is a 4,000 sf addition and 1,000 sf interior renovation square feet to existing Rehab Building B-60. \$1.6 million.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Phoenix VA Healthcare System, Various Projects Various Locations	in progress	in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Scope: Several recent projects including new 41,000 sf mental health building, 15,000 medical/surgical intensive care unit, plumbing and electrical infrastructure upgrades/replacement. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Veterans Affairs Clinical Lab Expansion, Bldg 57 Tucson, Arizona	2010	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Scope: This project was a build-out of undeveloped space in the basement to expand the Clinical Laboratory, to relocate the Inpatient Pharmacy, and provide a small retired records processing area. The project also constructed a consolidated Biomedical Shop in the existing inpatient pharmacy space. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	International Genomics Consortium/Translational Genomics Research Institute (IGC/TGEN) Headquarters, Phoenix, Arizona	2004	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Scope: As the first office/research project constructed on the Phoenix Bioscience Center at Copper Square, the facility serves as the headquarters for IGC and TGen. Inside, a consortium of renowned researchers conduct biomedical research to target the development of new treatments and cures for cancer, diabetes and other diseases. Architect.	<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 Fletcher Clarcq, PE, CEM, LEED AP BD+C	b. ROLE IN THIS CONTRACT Senior Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS / Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer: AZ, CA, HA, MA, VT, OK, CO, NM, WY; Certified Energy Manager; LEED Accredited Professional BD+C	

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

Fletcher J. Clarcq is a highly skilled senior mechanical engineer with 16 years of experience in a variety of building types ranging from hospitals and laboratories to athletic centers and higher education buildings. A licensed Professional Engineer, LEED® Accredited Professional and Certified Energy Manager, Fletcher strives to incorporate sustainable engineering strategies and energy efficient designs into his work at all times.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Banner Baywood Medical Center Angio and MRI Build-Out, Mesa, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 5,000 sf renovation of existing Imaging Department to add a 3T MRI and replace existing AngioPlanner. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Banner Del E. Webb Emergency Department Renovation, Sun City West, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 7,000 sf renovation to implement Split Flow Emergency Department model with 3 dedicated, Quick Looks and Results Waiting for 21 Patients. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Banner Baywood Medical Center Master Facility Plan, Mesa, Arizona	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In-depth investigation of existing departments' physical condition, configuration, adjacency and capacity. This information, along with the projected service growth from Banner Health and the new requirements for future health facilities will be used in creating options for how to plan the existing and expanded campus land and buildings. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Mountain Park Health Clinic, Phoenix, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project consisting of two multi story, 30,000 SF existing buildings to be renovated for outpatient health services. Development of MEP systems include design for an expandable central plant allowing the project to develop through three phases of design. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Banner Estrella Medical Center Facility Expansion, Phoenix, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project consisting of approximately 400,000 sf, which includes 310,000 sf of new construction and 90,000 sf of renovations. New construction includes a 6-story Patient Tower, with the fifth and sixth levels shelled out for future build-out, an expansion to the existing Central Utility Plant, as well as a 1-story expansion to the Emergency Department. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

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

a. NAME Rick Baca, LEED AP BD+C	b. ROLE IN THIS CONTRACT Senior Electrical Designer	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 7
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) AS / Electro/Mechanical Design & Technology		f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Accredited Professional BD+C	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Rick Baca has over 17 years experience in electrical engineering with a focus on healthcare for the last decade. His experience ranges from minor healthcare departmental renovations to new, large healthcare facilities designed for not-for-profit as well as for-profit entities, and will bring this diverse set of experiences to your building program.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Banner Health Center - Maricopa Maricopa, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 41,000 sf facility with space for 12 providers and a small imaging center. This project is the first of Banner's health center prototype facilities to be implemented. SmithGroupJJR designed the health center prototype facilities to be flexible in both number and type of clinics to allow Banner to easily tailor each health center to the needs of the surrounding demographic. Electrical Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Banner Health Center - Verrado Buckeye, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 12,566 sf facility with space for 6 providers and a small imaging center. This project is one of Banner's Health's prototypical Health Center facilities developed, which provides outpatient clinic services to a community with a shortage of healthcare. SmithGroupJJR designed the Health Center prototype facilities to be flexible in both number and type of clinics to allow Banner Health to easily tailor each Health Center to the needs of the surrounding demographic. Electrical Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Banner Del E. Webb Emergency Department Renovation, Sun City West, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 7,000 sf renovation to implement Split Flow Emergency Department model with 3 dedicated, Quick Looks and Results Waiting for 21 Patients. Electrical Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Mountain Park Health Clinic, Phoenix, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project consisting of two multi story, 30,000 SF existing buildings to be renovated for outpatient health services. Development of MEP systems include design for an expandable central plant allowing the project to develop through three phases of design. Electrical Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Banner Estrella Medical Center Facility Expansion, Phoenix, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project consisting of approximately 400,000 sf, which includes 310,000 sf of new construction and 90,000 sf of renovations. New construction includes a 6-story Patient Tower, with the fifth and sixth levels shelled out for future build-out, an expansion to the existing Central Utility Plant, as well as a 1-story expansion to the Emergency Department. Electrical Designer.	<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 Eddie Garcia, AIA, NCARB, LEED AP	b. ROLE IN THIS CONTRACT Principal-in-Charge	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 20
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS / Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect:AZ, Wash DC; LEED Accredited Professional; National Council of Architectural Registration Boards Certified	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Edward Garcia, as a Vice President and Principal-in-Charge of SmithGroupJJR's Arizona Learning Studio, has more than 22 years of experience, with 18 of those years at SmithGroupJJR. Specializing in facilities for higher education and related institutional clients, he has been directly involved in numerous projects on university and community college campuses.			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	GateWay Community College New Integrated Education Building, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Achieved LEED Silver Certification. Principal.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Saint Xavier University, Gilbert, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new 87,000 sf, four story building including academic space, administrative space, laboratories, parking, retail, and lease space. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	City of Phoenix/ASU College of Nursing & Healthcare Innovation Phase 2, Phoenix, Arizona	2009	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 84,000 square foot, 5-story building located on an approximately 42,000 square foot site in the area bounded by Second Street and Fillmore Street and Third Street and the existing College of Nursing and Health Care Innovation building north of Taylor Street. ASU will occupy floors 1-3 (approximately 50,000 gsf) with City of Phoenix leasing out floors 4 and 5 (34,000 gsf). The facility is required to be open for Fall 2009 classes. In addition, the building will be constructed to be Leadership in Energy and Environmental Design (LEED) Gold Certified. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Paradise Valley Community College Building Q Renovation, Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 69,674 gsf renovation comprising mostly of interior renovations and exterior modifications to help re-orient the facility to the existing PVCC campus. The 26-classroom 'Q' Building Remodel supports PVCC's math department and general instructional classes, as well as a learning center that supports the college's Continuing Education as well as its Teaching & Learning (CTL) program for faculty. Principal.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Central Arizona College Master Plan, Phase I, Maricopa, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The initial phase of the campus will be approximately 77,000 gsf comprised of a student services building, learning center, instructional building and central plant. The new campus will cater to the needs of the surrounding community and feature a culinary arts program, bookstore, teaching laboratories and community room. Principal-in-Charge.	<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 Mark Kranz, AIA, NCARB, LEED AP BD+C	b. ROLE IN THIS CONTRACT Design Principal	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 14

d. LOCATION *(City and State)* **Phoenix, Arizona**

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
Bachelor of Science in Architectural Studies;
Master in Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect: AZ, GA; National Council of Architectural Registration Boards
Certified; LEED Accredited Professional AP BD+C

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

Mark Kranz is a Vice President and leads design in the Phoenix office. In addition to being published and publicly speaking, his work is consistently recognized by the design and construction industries, as well as the community at large. Mark is an enthusiastic leader who is passionate about great design, while understanding the larger picture relative to project success with an unconventional definition of design excellence.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A 182,500 sf, high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. LEED Platinum certified. Design Principal.	Professional Services 2013	Construction (if applicable) 2013
		<input checked="" type="checkbox"/> Check if project performed with current firm	

2.	(1) TITLE AND LOCATION <i>(City and State)</i> Gateway Community College New Integrated Education Building Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Achieved LEED Silver Certification. Design Principal.	Professional Services 2012	Construction (if applicable) 2012
		<input checked="" type="checkbox"/> Check if project performed with current firm	

3.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Arizona Engineering Innovation Building Tucson, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new 135,000 gsf facility that will provide research labs and research offices for faculty from the School of Sustainable Engineered Systems and Biomedical Engineering. The project will be LEED Silver at a minimum, although LEED Platinum is the goal. Design Principal.	Professional Services tbd	Construction (if applicable) tbd
		<input checked="" type="checkbox"/> Check if project performed with current firm	

4.	(1) TITLE AND LOCATION <i>(City and State)</i> Arizona Biomedical Collaborative - Building 1 Phoenix, Arizona	(2) YEAR COMPLETED 2007	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The 85,000 gsf biomedical translational research facility's primary function is to support biomedical research and includes such research disciplines as biology, chemistry and biomedical informatics and contains a core research NMR (nuclear magnetic resonance). LEED Gold Certified. Design Principal.	Professional Services 2007	Construction (if applicable) 2007
		<input checked="" type="checkbox"/> Check if project performed with current firm	

5.	(1) TITLE AND LOCATION <i>(City and State)</i> Taylor Place: Arizona State University Downtown Residence Hall Phoenix, Arizona	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 366,500 sf mixed-use structure containing 10,000 sf of retail space at street level with two 12 story towers of residential student housing, a dining/servery hall and multiple interaction spaces on each level. The first tower, containing 744 beds, was designed for freshman in a two-bed-per-room format, while tower two, with 540 beds geared toward sophomores with a private, one-bed-per-room arrangement. Design Principal.	Professional Services 2008	Construction (if applicable) 2008
		<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 Katheryn Stachler, RA, NCARB, LEED AP	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS / Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect: AZ, MO; National Council of Architectural Registration Certified; LEED Accredited Professional BD+C	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
Katheryn Stachler has over 18 years of experience in the field of architecture. Her portfolio includes education, retail and municipal structures as well as industrial and hospitality projects. Katheryn is well-versed in all phases of project development from programming through construction administration.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Arizona State University Psychology Building Renovation, Tempe, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Renovation of the 1972 Psychology Building containing 81,907 gsf with three levels including clinical and developmental research labs, vivariums and office spaces. Project is to be LEED Silver certified. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Paradise Valley Community College Building Q Renovation, Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 69,674 gsf renovation comprising mostly of interior renovations and exterior modifications to help re-orient the facility to the existing PVCC campus. The 26-classroom 'Q' Building Remodel supports PVCC's math department and general instructional classes, as well as a learning center that supports the college's Continuing Education as well as its Teaching & Learning (CTL) program for faculty. \$10.6 million. Project Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Paradise Valley Community College Kranitz Student Center Renovation, Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Renovation of the existing two-story approximately 48,000 gsf Kranitz Student Center (KSC) and addition of a new 4000 sf multi-purpose community meeting room and 3600 sf of new office space. The scope of work also includes the upgrade of existing building infrastructure and mechanical systems to meet the demands of the increased space. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Yavapai Community College Master Plan + Phase I Prescott, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Long-range vision master plan in response to rapidly changing dynamic of higher education in the region. Key planning elements include minimizing duplication of resources at the 6-campus college, determining locations for new academic programs, and enhancing existing programs. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Saint Xavier University, Gilbert, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A new 87,000 sf, four story building including academic space, administrative space, laboratories, parking, retail, and lease space. Project Manager.	<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 Patrick O’Keeffe, AIA, LEED AP BD+C	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 8

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture	f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect: IL; LEED Accredited Professional BD+C
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Katheryn Stachler has over 18 years of experience in the field of architecture. Her portfolio includes education, retail and municipal structures as well as industrial and hospitality projects. Katheryn is well-versed in all phases of project development from programming through construction administration.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Mesa Community College Health Wellness Building Mesa, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of an existing 1960's one story laboratory building housing the college's Nursing and Exercise Science Programs. This new academic facility contains simulation and strength and conditioning labs in addition to state of the art classrooms and faculty offices. 32,000 sf. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Paradise Valley Community College Building Q Renovation, Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 69,674 gsf renovation comprising mostly of interior renovations and exterior modifications to help re-orient the facility to the existing PVCC campus. The 26-classroom 'Q' Building Remodel supports PVCC's math department and general instructional classes, as well as a learning center that supports the college's Continuing Education as well as its Teaching & Learning (CTL) program for faculty. \$10.6 million. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Mesa Community College, Physical Science Building Mesa, Arizona	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 60,000 sf of classroom, teaching laboratory, administrative and faculty office and research space. The facility serves as an icon for the science programs that are the largest science department in the Maricopa Community College District. The Physical Science Building design has been certified Gold by the USGBC's LEED certification program and is the first LEED certified building at MCC and the first major LEED certified building in the Maricopa County Community College District. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Central Arizona College Master Plan, Phase I, Maricopa, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The initial phase of the campus will be approximately 77,000 gsf comprised of a student services building, learning center, instructional building and central plant. The new campus will cater to the needs of the surrounding community and feature a culinary arts program, bookstore, teaching laboratories and community room. Principal-in-Charge.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	GateWay Community College New Integrated Education Building, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Achieved LEED Silver Certification. Project Manager.	<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 Jennifer Garver, PE	b. ROLE IN THIS CONTRACT Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 3

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION) BS / Mechanical Engineering	f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer: AZ
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Jennifer Garver is a skilled mechanical engineer in the Learning Studio with a bachelor's degree in mechanical engineering and over 10 years of experience in both HVAC and plumbing design. She has worked on multiple learning and workplace studio projects and specializes in both mechanical and plumbing system design for higher education facilities and office workplace buildings.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Arizona State University Psychology Building Renovation, Tempe, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of the 1972 Psychology Building containing 81,907 gsf with three levels including clinical and developmental research labs, vivariums and office spaces. Project is to be LEED Silver certified. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Paradise Valley Community College Kranitz Student Center Renovation, Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of the existing two-story approximately 48,000 gsf Kranitz Student Center (KSC) and addition of a new 4000 sf multi-purpose community meeting room and 3600 sf of new office space. The scope of work also includes the upgrade of existing building infrastructure and mechanical systems to meet the demands of the increased space. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	University of Arizona Engineering Innovation Building Tucson, Arizona	tbd	tbd
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A new 135,000 gsf facility that will provide research labs and research offices for faculty from the School of Sustainable Engineered Systems and Biomedical Engineering. The project will be LEED Silver at a minimum, although LEED Platinum is the goal. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Saint Xavier University, Gilbert, Arizona	2015	2015
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A new 87,000 sf, four story building including academic space, administrative space, laboratories, parking, retail, and lease space. Mechanical Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Yavapai Community College Master Plan + Phase I Prescott, Arizona	in progress	in progress
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Long-range vision master plan in response to rapidly changing dynamic of higher education in the region. Key planning elements include minimizing duplication of resources at the 6-campus college, determining locations for new academic programs, and enhancing existing programs. Mechanical Engineer.	<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 Scott Kreitlein, AIA, LEED AP	b. ROLE IN THIS CONTRACT Science & Technology Studio Leader	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM >1

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
Bachelor of Science Graphic Design; Master of Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect; LEED Accredited Professional

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Scott Kreitlein has over 20 years experience in the architectural industry and leads the Science & Technology Studio in the Phoenix office. Having worked almost exclusively in the science and technology field, Scott utilizes his skills in bio containment and non-human primate facility practices and exercises his expertise by maintaining knowledge of the marketplace and emerging trends.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	University of Texas - MD Anderson Cancer Center, Basic Science Research Building 2, Houston, Texas	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 610,000 sf center facilitates MD Anderson's reorganization strategy, moving from a departmental to an interdisciplinary translational organizational structure.	<input type="checkbox"/> Check if project performed with current firm	
2.	Utah DFCM Unified State Lab -Design & CMAR, Module 1 Salt Lake City, Utah	2006	2006
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Programming for Module 1 of the unified state lab; main component of a combination lab function provided by state of Utah; contains public health labs, forensic toxicology, admin offices, common spaces and building support. 72,055 gsf \$24.8 million.	<input type="checkbox"/> Check if project performed with current firm	
3.	Tulane National Primate Research Center Regional Biocontainment Laboratory, Covington, Louisiana	2009	2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Programming and design of 45,000 gsf non-human primate bio-terrorism research facility at one of the eight national primate research centers.	<input type="checkbox"/> Check if project performed with current firm	
4.	UT MD Anderson Cancer Center, South Campus Research Building 4, Center for Targeted Therapy, Houston, Texas	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 210,000 sf facility encompasses a new lab and support facilities.	<input type="checkbox"/> Check if project performed with current firm	
5.	USACE, Battlefield Health & Trauma Facility, Fort Sam Houston, San Antonio, Texas	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New biomedical research laboratory, an addition to existing vivarium facilities, and laboratory and vivarium support facilities, as well as alteration of the existing ISR facilities, totaling approximately 149,400 sf.	<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 Adam Denmark, AIA, LEED AP BD+C	b. ROLE IN THIS CONTRACT Principal, Lab Planner/ Forensic Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 12

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
Bachelor of Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect: AZ; LEED Accredited Professional AP BD+C;

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Adam Denmark has 15 years of targeted experience in all project phases of laboratory design and construction. He serves as a laboratory planning and design architect at SmithGroupJJR, working as a liaison with owner, user groups and the design team. Adam's areas of expertise include forensic science, forensic medicine, research, as well as BSL-3 (Biosafety Level 3) facility design.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Maricopa County Sheriff's Office Crime Lab Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of an existing building for use by the Maricopa County Sheriff's Office as a Crime and Photography Lab. Services include programming, design and construction administration for the 13,000 square foot facility, including specialized furniture, fixtures and equipment. \$2.4 million construction budget. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	New Mexico Scientific Laboratories Albuquerque, New Mexico	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Program validation and laboratory design/planning services for the 190,000 gsf, 5-story laboratory facility designed to serve the New Mexico Department of Health - Scientific Laboratory Division, the New Mexico Department of Agriculture - Veterinary Diagnostics Services, and the New Mexico Office of the Medical Investigator. Bio-safety level three (BSL3) and agricultural bio-safety level three (AGBSL3) suites. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	National Institute of Standards and Technology Building One Renovation, Boulder, Colorado	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Renovation of approximately 185,000 gross square feet of Building 1 which will provide a stable environment for the science and is a necessity for NIST's continued long-term support of US industrial competitiveness in the world market. Being designed to achieve a minimum of LEED Silver Certification. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 182,500 sf, \$135 million high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. Achieved LEED Platinum certification. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Arizona Biomedical Collaborative - Building 1 Phoenix, Arizona	2007	2007
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The 85,000 gsf biomedical translational research facility's primary function is to support biomedical research and includes such research disciplines as biology, chemistry and biomedical informatics and contains a core research NMR (nuclear magnetic resonance). LEED Gold Certified. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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Phoenix, Arizona 85007**

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

a. NAME Steve Hackman, AIA, LEED AP BD+C	b. ROLE IN THIS CONTRACT Laboratory Planner	c. YEARS EXPERIENCE	
		1. TOTAL 29	2. WITH CURRENT FIRM 6

d. LOCATION (City and State) **Phoenix, Arizona**

e. EDUCATION (DEGREE AND SPECIALIZATION)
B / Architecture
B / Environmental Design

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Architect: **AZ** LEED AP BD+C

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Steve Hackman, a veteran laboratory planner, brings over 29 years of experience in facility design in all project phases from programming through construction administration. He provides hands-on planning and development for science and technology clients with needs for all project types. Steve's strengths are in the areas of laboratory design and strategic planning, including assessment of needs and regulatory compliance.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	New Mexico State Agricultural Laboratory Las Cruces, New Mexico	2010	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Program of 60,000 gsf including renovation and modification of 28,000 gsf research and testing laboratories, offices, and other support space for the New Mexico Department of Agriculture. Project build-out of 4,000 gsf new office space. Project designed to achieve LEED Silver certification. \$27 million. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Environmental Protection Agency Nationwide Laboratory Assessment & Strategic Master Plan, Multiple Locations	in progress	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under a current IDIQ with the EPA, SmithGroupJJR is performing a strategic master plan and overall laboratory assessment of their 34 facilities nationwide totaling over 3.6 million gsf. Three multidiscipline teams have been deployed (Eastern, Central and Western Regions) to collect data, analyze and benchmark the current facilities – looking for opportunities of consolidations and co-locations without diminishing their scientific mission. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Sandia DESERT Programming Document, Albuquerque, New Mexico	2013	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Under an IDIQ, developed a program and conceptual design for an engineering, research, and testing complex dedicated to informing, innovating, and integrating the wide range of energy generation, delivery, storage, and end use technologies for full systems lab testing. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Joint POW/MIA Accounting Command (JPAC), Hickam Air Force, Base, Oahu, Hawaii	2015 (est.)	2015 (est.)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As the world's largest forensic anthropology laboratory, this 136,497 sf, \$88 million multistory facility will contain a central identification laboratory, administrative offices, and a warehouse. \$96 million. Laboratory Planner.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 182,500 sf, \$135 million high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. LEED Platinum Certified. Laboratory Planner.	<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 Rob Sty, PE, LEED AP BD+C	b. ROLE IN THIS CONTRACT Technologies Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 16	2. WITH CURRENT FIRM 8
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer: AZ; LEED Accredited Professional BD+C; Member AFColoradoM; Professional Certificate in Advanced Project Management; Sustainable Energy Conversion and Storage; Energy Innovation and Emerging Technologies	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Robert Sty is the lead of SmithGroupJJR's Technologies Studio in Phoenix. Having begun his career in the mechanical engineering field, his knowledge base of HVAC systems and energy efficiency has served many of his clients in his role as Project Manager. A published author and board member of professional organizations, Rob was recognized in 2009 by <i>Consulting Specifying Engineering Magazine's</i> top Forty under 40.			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Pima County Wireless Integrated Network Communication Facilities Tucson, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This project will provide dispatch facilities for the co-location of 4 jurisdictional agencies: Pima County Sheriff's Department and three County Fire Districts.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	North Phoenix Data Center (Confidential Client) Phoenix, Arizona	tbd	tbd
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 148,000 sf for lease data center with three 25,000 sf data processing rooms. The facility will accommodate 2,400 data cabinets with an average load density of 150 watts per sf. The data floor is conditioned from 24 twin fan airhandling units; four of the units are redundant as they are not required to meet the desired load. The chilled water plant is configured into two systems made up of five 500-ton chillers.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Proposed East Valley Data Center (Confidential Client) Scottsdale, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 5,500 sq.ft. Tier III owner operated data center on a master planned community. The facility is designed to expand to without interruption of operation. MEP systems operate on a N+1, concurrently maintainable platform. Design goal of DOE Energy Star Rating for Data Centers.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Phoenix Sky Harbor Terminal 3 Core Network Room Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The MDF room is served from 2 critical environment 20-ton direct expansion air conditioning units (remote condensing units) with integral humidifiers, providing N+1 redundancy. The air supply is ducted in an overhead distribution system with registers laid out to provide cold supply air in front of electronic cabinets and racks. Return air is collected high at the ceiling of the MDF room. A computational fluid dynamics model of the space was completed to validate the performance of the systems.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	SRP-MIC Tribal Government Complex Phoenix Metropolitan Area, Arizona	2009	2009
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE An administration facility for the sovereign nation of the Salt River Pima-Maricopa Indian Community, this 140,000 sf facility houses various community departments including engineering/construction services, finance, tribal government leadership, intergovernmental relations, housing, general counsel, community relations, HR, public works, community development & cultural resources. A food service facility complements this project and features both Native American and special menus to address some of the special dietary needs of the Community. The complex includes various site features and hardscape demonstrative of their heritage and cultural aspects. An 8,000sf council chamber building includes tribal council offices, auditorium, meeting rooms and support spaces.	<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 Mark Soden, RLA, AICP	b. ROLE IN THIS CONTRACT Landscape Architect & Planner	c. YEARS EXPERIENCE	
		1. TOTAL 37	2. WITH CURRENT FIRM 2

d. LOCATION *(City and State)* **Phoenix, Arizona**

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B / Landscape Architecture; M / Landscape Architecture	f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Landscape Architect: AZ; American Institute of Certified Planners
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Mark Soden is a landscape architect, urban designer and land planner with over 30-years of professional experience advising and working with both private developers and public agencies. Mark is an associate member of the Planning and Landscape Architecture faculty at Arizona State University.

H. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ASU College Streetscape, Tempe, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As a public space, College Avenue provides a perfect test case for creating a new hybrid form of urbanism on campus, one that is iconic, memorable, flexible and changing. Neither a pedestrian mall nor a car-dominant roadway, but a lively, programmable space that can adapt to multiple needs and users. Project Director.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler Campus Expansion, Chandler, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design and construction of two new 4-story office buildings (205,000 gsf each), one 3-level parking garage and 1,175 additional surface parking on approximately 25 acres of a 62.59 acre site. Landscape Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	School for the Foundation for Blind Children, Phoenix, Arizona	2015	2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 34,000 SF expansion to an existing school for blind children. It will include the addition of 12 new classrooms, a multipurpose room/gym and new offices for admin and staff. Landscape Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Yuma Regional Medical Center - Healing Garden, Yuma, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Taking a cue from the adjacent curvilinear concrete hospital tower, sinuous concrete walls were created at seat height to add the dimension of human scale. These form the terraced garden that is visible from the patients' rooms and the lobby of the hospital. Landscape Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Dignity Health-St. Joseph's Hospital and Medical Center Conceptual Master Plan, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The project team was engaged in studying the existing St. Joe's Master Plan and updating it for future building and campus expansion opportunities. Our team provided vehicular and pedestrian circulation analysis, along with parking studies for safe maneuvering. Zoning opportunities and constraints are being evaluated for future building site locations. Planner.	<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 Michael P. Faulkner, RLA	b. ROLE IN THIS CONTRACT Landscape Architect	c. YEARS EXPERIENCE	
		1. TOTAL 12	2. WITH CURRENT FIRM 12

d. LOCATION *(City and State)* **Phoenix, Arizona**

e. EDUCATION *(DEGREE AND SPECIALIZATION)*
BS / Architecture

f. PROFESSIONAL TRAINING - REGISTRATIONS
Registered Landscape Architect: AZ

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

As Landscape Architecture Project Manager, Mike plays a key role in the firm by providing landscape design, project management and project oversight, along with technical documentation throughout the project process. His project leadership, knowledge of the project process, technical awareness and client interaction combine to make each project a success.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	ASU College Streetscape Tempe, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE As a public space, College Avenue provides a perfect test case for creating a new hybrid form of urbanism on campus, one that is iconic, memorable, flexible and changing. Neither a pedestrian mall nor a car-dominant roadway, but a lively, programmable space that can adapt to multiple needs and users. Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler Fashion Village, Chandler, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Landscape architectural design for courtyard improvements to activate the public space between retail buildings. The project is comprised of an existing common area open space located within the retail components of the mall. Renovations to the existing courtyard and water feature include grading and drainage, hardscape, landscape, irrigation and lighting enhancements. Landscape Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Central Arizona College Phase I, Maricopa, Arizona	2013	2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 34,000 SF expansion to an existing school for blind children. It will include the addition of 12 new classrooms, a multipurpose room/gym and new offices for admin and staff. Landscape Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Lost Dog Wash Trailhead, Scottsdale, Arizona	2008	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE This major access facility is designed to provide a southern gateway into the City of Scottsdale's McDowell Sonoran Preserve. It was designed to integrate to the highest degree possible into the existing environment, including the design of a sophisticated rain and graywater collection system to eliminate the use of potable water, LED lighting utilizing solar photo voltaic panels, composting toilet system and stabilized granite parking and drive lanes to eliminate the use of all asphaltic paving on the project. Landscape Designer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	GateWay Community College New Integrated Education Building, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Achieved LEED Silver Certification. Project Manager.	<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 Jeff Stanton, AIA, NCARB, LEED AP BD+C	b. ROLE IN THIS CONTRACT Sustainability Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 26
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BA / Architecture; MA / Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect: AZ, IL, CO, NM; NCARB Certified; LEED Accredited Professional BD+C;	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) For over 15 years, Jeff Stanton has been the sustainable business unit leader for SmithGroupJJR's Phoenix office, overseeing the facilitation and implementation of sustainable design principles within every project. Jeff has more than 30 years overall experience as project architect/manager on new and renovated buildings for both public and private sector clients in all phases of project development from programming through construction administration.			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 182,500 sf, \$135 million high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. LEED Platinum certified. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chandler City Hall and Parking Structure Chandler, Arizona	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Chandler City Hall was designed to consolidate a number of city administration offices and service departments that interact with the public. The concept is that through a complex of building components and structured parking across two downtown city blocks, the needs of the government are met in an efficient convenient fashion comprising a total of 125,000 sf. An additional 25,000 sf for the City of Chandler Museum is incorporated into the complex. The project is LEED Certified Gold. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Arizona Biomedical Collaborative - Building 1 Phoenix, Arizona	2007	2007
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The 85,000 gsf biomedical translational research facility's primary function is to support biomedical research and includes such research disciplines as biology, chemistry and biomedical informatics and contains a core research NMR (nuclear magnetic resonance). LEED Gold Certified. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	DPR Phoenix Headquarters Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay in Phoenix. An open plan accommodates flexibility and the strategic transformation of this underutilized building received LEED Platinum and Net Zero energy usage. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Papago Gateway Center Tempe, Arizona	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Located in Tempe, Arizona at the North West corner of Mill Avenue and Washington Street, this project will consist of a six-story mixed-use building providing a total of 267,000 square feet and a parking structure containing 933 parking spaces. Focusing on flexibility, this structure will accommodate both office space as well as wet and dry laboratory space. Papago Gateway Center has been pre-certified by the US Green Building Council and is looking to become one of the first buildings in Arizona to receive LEED-CS Certification under a pilot program for core and shell projects. LEED Project Administrator.	<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 Jeff Frost, LEED AP BD+C	b. ROLE IN THIS CONTRACT Sustainability Specialist	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 4
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS / Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS LEED Accredited Professional BD+C	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
 Jeff Frost has more than 15 years experience as a designer and project manager on new and renovated buildings for both public and private sector clients in all phases of project development from programming to construction administration. He has hands-on construction experience building with alternative building technologies and is a specialist in sustainable building materials.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	DPR Construction Phoenix Regional Office Phoenix, Arizona	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay in Phoenix. An open plan accommodates flexibility and the strategic transformation of this underutilized building is targeting LEED Platinum and Net Zero energy usage. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	100K Consolidated Ogden, Utah	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The new building is a 115,000 sf four story consolidation project for the IRS in Ogden, Utah. This new facility utilizes sustainable strategies and state of the art technologies (infrastructure and security) to combine seven departments that occupied several buildings around the city. The site has been designed to accommodate approximately 275 parking spaces. The building is LEED Gold certification. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Gateway Community College New Incubator Building, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 12,600 sf new facility houses research, office and conference space for start-up companies in the bioscience and other emerging technology fields. LEED Gold Certified. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	National Renewable Energy Laboratory Energy Systems Integration Facility, Golden, Colorado	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 182,500 sf, \$135 million high profile facility that supports research, engineering, design, testing, and analysis of components to enable economic and reliable integration of renewable power generation within the US. Contains high bay lab, data center, and administrative space. Achieved LEED Platinum certification. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	GateWay Community College New Integrated Education Building, Phoenix, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE A 121,000 gsf multi-story facility housing classrooms, life/physical science labs, library and computer commons, and one-stop student services center. Achieved LEED Silver Certification. Project Manager. Sustainability Specialist.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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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)
2	Airports	5
4	Computer Facilities	2
4	HVAC	1
44	Hospital and Medical Facilities	6
6	Electrical Studies & Design	1
19	Research	5
56	Office Buildings	6
1	Design & Planning Structured Parking Facilities	3
5	Area Master Planning	3
25	Landscape	2
10	Educational Facilities	6

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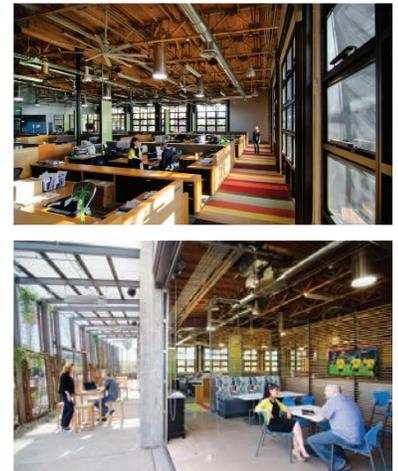
5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(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	
DPR Construction Phoenix Regional Office Phoenix, Arizona		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2011
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
DPR Construction	not available	\$3,762,000 (construction cost)	

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

A living laboratory for the community, DPR Construction's Regional Office is a unique example of **urban revitalization** and sustainability. The project was a repositioning of a 16,500 sf, 28 year old retail building located within a Transit Oriented Development overlay along the new light-rail corridor connecting downtown Phoenix and nearby Tempe. Conceptualized as a "net-zero file://media.smithgroupjir.com/sites/Images/Marketing/DPR%2520Construction%2520Headquarters%2520(19871.000)/DPRPhx016.jpg energy workplace of the future", SmithGroupJJR created an open-office environment housing 58 workstations and floater spaces, nine conference/training/innovation/mediated technology rooms, support spaces, fully-equipped gym/locker facilities, and a zen room for a quiet retreat. SmithGroupJJR incorporated passive/active cooling solutions including 87 operable windows, four shower towers, an 87-foot long, zinc-clad solar chimney, and a 79 kW-dc rated photovoltaic solar panel covered parking lot to control the indoor environment naturally and produce energy onsite. A Lucid Building Dashboard® system is utilized to allow DPR to monitor and share building water and gas usage, lighting and power consumption, and photovoltaic energy production in real time. file://media.smithgroupjir.com/sites/Images/Marketing/DPR%2520Construction%2520Headquarters%2520(19871.000)/DPRPhx014.jpg



With a concentrated goal for a high level of LEED® certification and Net Zero energy usage, SmithGroupJJR created an adaptive response to the environment via innovative building solutions. The office utilizes rapidly renewable wood products, recycled and reused materials, and adapts alternative ways to light and condition the space by incorporating natural ventilation through the use of operable windows, shower towers, a solar chimney and Big Ass Fans® to drastically reduce the building's power demand. The expansive walls of windows and 82 strategically positioned Solatubes® nearly eliminates the need for artificial daytime lighting 365 days a year.

This experimental project was a laboratory for design and construction processes and a model for sustainable infill development within the Phoenix metropolitan area. DPR's Phoenix regional office is the first commercial office building in Arizona and the second in the nation to achieve Net-Zero Energy Building (NZEB) certification from the International Living Future Institute's Living Building Challenge. It's also the largest building in the world with this certification. To date, there are only four NZEB-certified buildings.



Before



After



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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> Paradise Valley Community College Kranitz Student Center Expansion & Renovation, Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

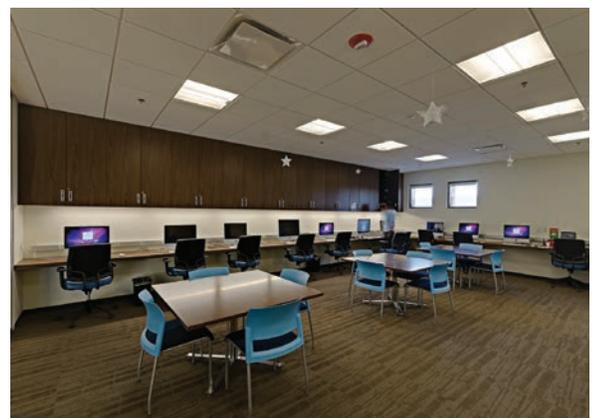
23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Maricopa Community Colleges District	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT not available	e. TOTAL COST OF PROJECT \$5.9 million <i>(with owner additions)</i>
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SmithGroupJJR worked with Paradise Valley Community College in the renovation of the existing two-story approximately 48,000 gsf Kranitz Student Center (KSC). Additionally, a 4,000 sf multi-purpose community meeting room and 3,600 sf of new office space will be added to the project.

Five major goals for the project include: Creating a visible and welcoming campus entry/gateway; Enhancing functionality and addressing current deficiencies of spaces to support a one-stop service process for student enrollment and student support services; Addition of a large, divisible multi-purpose meeting room; Improving visual cues to assist in guiding users through the building and help distinguish multiple departments from each other; renovation of infrastructure systems.





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

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> Banner Health Center Maricopa Maricopa, Arizona		b. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2012
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER Banner Health	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT not available	e. TOTAL COST OF PROJECT \$9.8 million <i>(with owner additions)</i>	

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

Banner Health Center Maricopa is a 41,000 sf facility with space for 12 providers and a small imaging center. The Maricopa clinic is the first of Banner's Health Center prototype facilities to be implemented.

SmithGroupJJR designed the Banner Health Center prototype facilities to be flexible in both number and type of clinics to allow Banner Health to easily tailor each Health Center to the needs of the surrounding demographic. In Maricopa, the initial mix of providers are primary care with some specialty physicians, including OB/GYN and Cardiology. General radiology, mammography and ultrasound are available within the facility's imaging center. Other facility amenities include basic lab testing services and patient education.

The Health Center is designed to expand up to 87,400 sf to house 36 providers with additional imaging modalities, including MRI, CT and Nuclear Medicine.

The exterior design continues to enforce Banner Health's branding concepts with the use of varying colors of ground face masonry units, EIFS and a metal panel 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>		b. YEAR COMPLETED	
Aspect Regional Headquarters Phoenix, Arizona		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2012
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
Aspect Software	not available	\$1.2 million	

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

This 17,000 sf Regional Headquarters project was an exercise in brand creation. Aspect looked to SmithGroupJJR to develop their new space to reflect the progressive and dynamic nature of this technologies provider organization. The space is made up of open workstations and collaborative settings balanced by offices, conference and training rooms with transparency so that the activity in the space is on display by both staff and visitors alike. Another critical component of the space is the widespread use of technology, which includes the installation of dual 90” monitors in the product demonstration room.

Also, Aspect is a very mobile company. Different groups within the organization are constantly connecting for impromptu meetings stressing the importance of mobility through technology, flexible space and flexible thinking paramount to carrying success.





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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.)

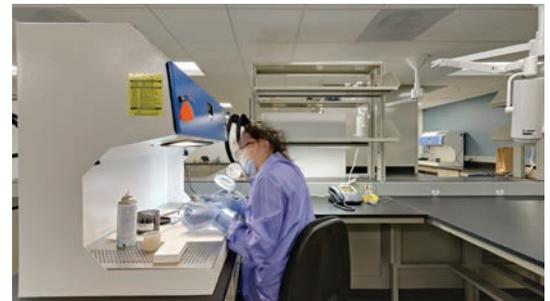
a. TITLE AND LOCATION <i>(City and State)</i>		b. YEAR COMPLETED	
Maricopa County Crime Laboratory Phoenix, Arizona		PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2011
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
Maricopa County	not available	\$2.9 million	

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

The renovation of the new Maricopa County Sheriff's Office Crime Lab consisted of the renovation of one wing of the county hospital facility built in 1948. At 16,000 sf, the facility provides a modern facility integrating the department's staff into one location. The \$2.9 million project consisted of laboratories for latent prints, biological and trace evidence along with ballistics testing and tool-mark evaluation.

The existing single story structure consists of unreinforced brick masonry walls with steel roof joist capable of supporting minimal new imposed loads. Combining new internal support structures and the existing masonry walls allowed for the installation of modern mechanical systems.

The firing range at the Maricopa County Sheriff's Office Crime Lab provides more than just ballistic containment, but also provides a space where the integrity of evidence can be collected. A greater range width allows for flexibility in testing for cartridge ejection or setting up multiple points of analysis. A ballistic rubber and plate steel backstop helps to minimize the overall length of the range when compared to the traditional backstop cone arrangement. The use of a mobile sacrificial ballistic rubber stand allows for a greater lifespan of the range. An overhead target positioning and retrieval system allows for pattern analysis at defined intervals. Airborne lead particulate matter is scrubbed from the exhausted air with filtration and the examiner safety is improved with a laminar flow across the entire width of the range. Adjacent to the range is a tool mark and water tank room. Storage for various caliber of munitions, both live and spent and their associated firearms in a secured storage vault was also designed.





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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.)

About SmithGroupJJR

Celebrating over 160 years of continuous operation, we are one of the largest architectural, engineering, planning, and interiors firms in the nation, with over 800 employees in 10 offices. SmithGroupJJR operates as one firm and has offices in not only Phoenix, but also Ann Arbor, MI; Chicago, IL; Dallas, TX; Detroit, MI; Los Angeles, CA; Madison, WI; Washington, D.C.; San Francisco, CA; and Shanghai, China.

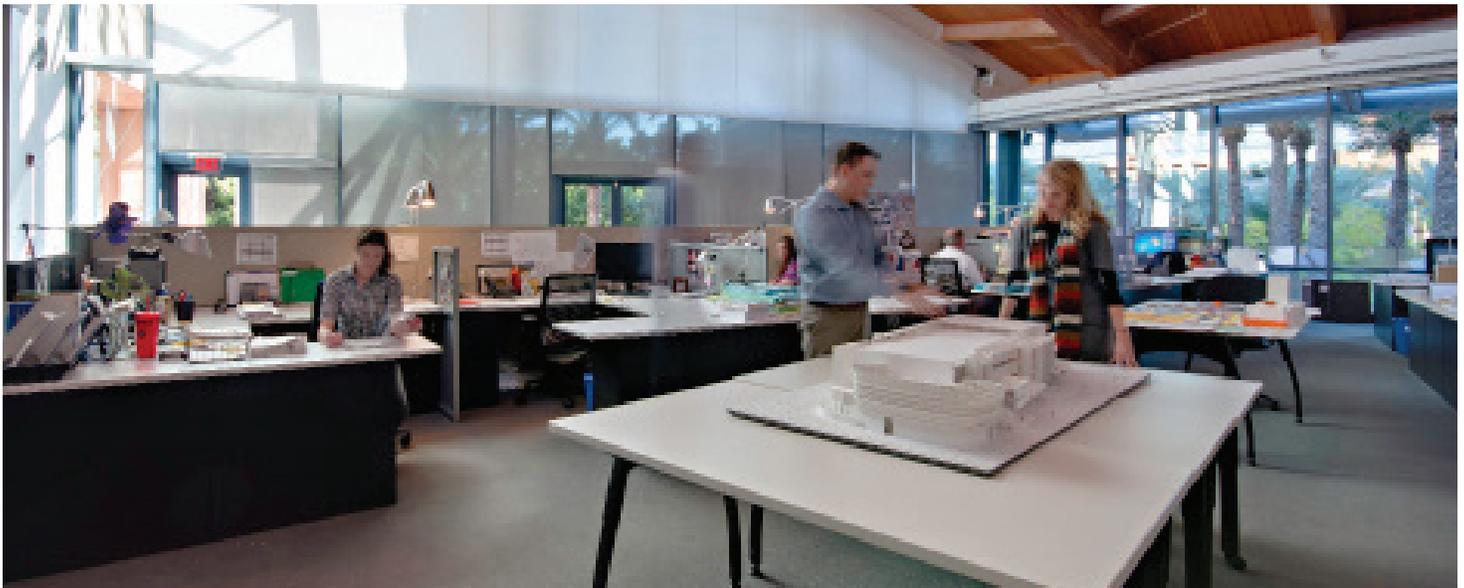
Our Arizona office, established 40 years ago, has experienced steady and successful growth, and currently maintains a staff of 130 professionals. Within our Arizona Office is our Phoenix Workplace Studio which is committed to projects similar in nature to the future projects of the State of Arizona. We specialize in Office Workplace, Sustainable and LEED Certified buildings. We provide Programming with a proprietary tool known as WorkSim, Interior Design, Planning, and Engineering services.

SmithGroupJJR's structure and philosophy is based upon a multi-disciplined team approach, grouping dedicated professionals into one cohesive team committed to the concept that focused teams create successful projects.

One Stop Shop

SmithGroupJJR is an architectural and engineering practice that consists of all disciplines required to design a building. What clearly differentiates us is that engineering involvement happens early in programming and concepts because it is our culture, and it occurs in-house, side-by-side with the architectural staff. A building that is **flexible, versatile** and houses functions that contain complicated systems requires engineering concepts and continuous development in conjunction with the architecture.

Integrated design is a culture of respectful cooperation and participation that is based on our belief that you get further as a group than you ever will as an individual. It's not just the architect that is leading the effort or designing a project, but also engineers, interior designers, planners, and landscape architects all working together. The integrated design process we use elicits for a holistic project. With our **in-house knowledge sharing**, we are able to make smarter decisions faster. It's really information on demand when you need it at the right time.





6. ADDITIONAL INFORMATION (continued)

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



Design Philosophy

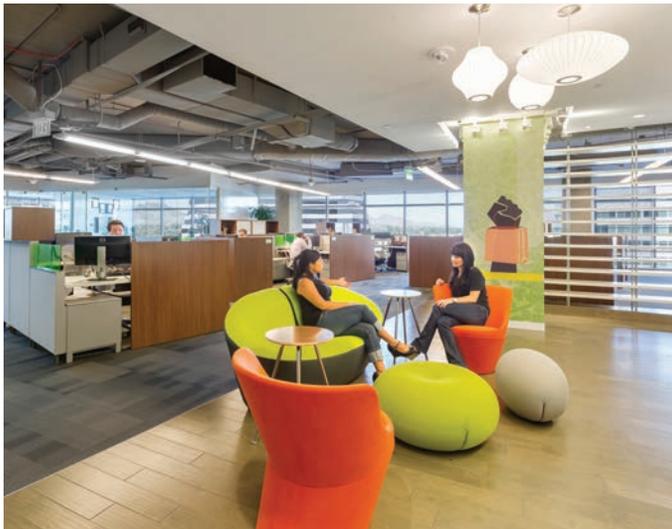
Our approach to a project is rooted in the firm’s basic design philosophy and in the people and process we bring to a project. For us, every project is distinct and its solutions lie in the needs and mission of the client, the underlying building economics, the character of the site, and the nature of the surrounding community.

We believe that listening is one of our most important skills. We will gain a tremendous amount of information from the documents that have been developed to date, and we will confirm the sizes and adjacencies that have been provided. But perhaps more importantly is the subjective knowledge we will gain from meeting and listening directly to all stakeholders, to understand the hopes and desires of those who will carry the institution into the future.

We take the long view. While we always solve the immediate needs of our clients, we aspire to leave them better situated to anticipate the future unknowns. We see it as our role to incorporate flexibility into the design solution, because we know that organizations are dynamic, and need to change over time.

We understand that our role is to balance planning leadership with developing client consensus. Our process makes the client a participant, so that when the plan is completed, it is truly your vision, with your full commitment. We pride ourselves in providing the right leadership to ensure that all relevant options are explored.

We recognize that collaboration brings about the best solutions. Our process involves partnering closely with our clients, and we recognize that your knowledge of what this client aspires to become will allow us to generate a very responsive solution.



Cross Practice Integration

At SmithGroupJJR, we pride ourselves in working together for the greater product. Our five core practices consisting of **Workplace, Campus, Healthcare, Learning and Science & Technology** come together to create extraordinary places. Our Healthcare studio can bring fitness and wellness; Learning brings conference and training facilities; the Campus studio brings site planning, infrastructure and landscape; and Science & Technology brings collaboration and discovery.





6. ADDITIONAL INFORMATION (continued)

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



Sustainable Design

Sustainable design is at the core of every SmithGroupJJR project. We've long taken the lead on innovative strategies for resource efficiency, routinely incorporating tools such as the LEED rating system in all of our projects. We continue to raise the bar by adopting the rigorous energy standards of the Architecture 2030 Challenge.

Before the founding of the USGBC and long before the invention of the LEED Rating System, we were contributing to sustainable design literature through ground-breaking projects like the 365,000 square foot National Conservation Training Center for the US Fish and Wildlife Service This pioneering project of the early 1990s was well-recognized for its energy efficiency, waste treatment systems, storm water wetlands, healthy finishes and habitat restoration.

We celebrated the advent of LEED with the completion of the first LEED Platinum project, the Phillip Merrill Environmental Center for the Chesapeake Bay Foundation, a decade ago. In the intervening decade, we have continued to search for ever more high-performance solutions. Our more than 110 LEED Certified projects include an industry-leading 13 Platinum projects.

We feel that through our integrated approach and proven experience, we will delve into all possibilities and emerge with a strategy that is most feasible and appropriate for any project.

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:	68%
b.	Percentage of Total Work Attributable to Non-Government Work:	32%

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

Signature: A. B. Woodman

Date: 12/23/14

Name: A. Bradley Woodman

Title: Office Director