

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

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

**1. REVISED ADSPO13-00003465: Annual Request for Qualifications**

a.	FIRM (OR BRANCH OFFICE) NAME:	Johnson Walzer Associates, LLC
b.	FIRM (OR BRANCH OFFICE) STREET:	17 N. San Francisco Street, Suite 3A
c.	FIRM (OR BRANCH OFFICE) CITY:	Flagstaff
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	86001
f.	YEAR ESTABLISHED:	1985
(g1).	OWNERSHIP - TYPE:	Partnership
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h.	POINT OF CONTACT NAME AND TITLE:	Mitchell Walzer, Principal
i.	POINT OF CONTACT TELEPHONE NUMBER:	928-779-0470
j.	POINT OF CONTACT E-MAIL ADDRESS:	mitch@jwaarchitects.com
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	



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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)
1	Area Master Planning	1
12	Commercial Building	6
10	Construction Management	8
1	Detention Security Systems	7
5	Educational Facilities; Classrooms	4
2	Hospital and Medical Facilities	4
2	Housing	2
1	LEED Accredited A/E	6
2	Roofing	4
2	Sustainable Design	3

**PROFESSIONAL SERVICES REVENUE INDEX NUMBER**

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

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

a. NAME <b>Mitchell Walzer</b>		b. ROLE IN THIS CONTRACT <b>Principal Architect, Partner</b>		c. YEARS EXPERIENCE	
				1. TOTAL <b>34</b>	2. WITH CURRENT FIRM <b>25</b>
d. FIRM NAME AND LOCATION (City and State) <b>Johnson Walzer Associates, LLC, Flagstaff, Arizona</b>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Architecture</b>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Arizona - Registered Architect Maryland - Registered Architect New Mexico - Registered Architect</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>National Council of Architectural Registration Boards - Certificate Holder</b>					
<b>H. RELEVANT PROJECTS</b>					
1)	(1) TITLE AND LOCATION (City and State) <b>Navajo County Jail Expansion Holbrook, Arizona</b>		(2) Year Completed		
			Professional Services <b>2011</b>	Construction (if applicable) <b>2013</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>JWA worked with the county to identify space needs, assessed facility conditions and created a plan for a renovation and expansion of ancillary services. The support services work included a new booking area, kitchen and storage, medical, laundry, a vehicle sally port and a new spline to help facilitate the movement of inmates, supplies and food.</b>				
2)	(1) TITLE AND LOCATION (City and State) <b>Terry Marxen Chevrolet Cadillac Flagstaff, Arizona</b>		(2) Year Completed		
			Professional Services <b>2011</b>	Construction (if applicable) <b>2012</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>The existing 40 year old dealership was transformed to meet the desired GM national image. The challenge dealt with meeting the national corporation desires while complying with local development standards. Existing solid walls were replaced with large sections of glazing. The interior design completely remodeled the showroom, offices, retail parts and service reception areas. New ADA accessible toilet rooms, cashier, retail parts display areas were also provided.</b>				
3)	(1) TITLE AND LOCATION (City and State) <b>NAU School of Hotel &amp; Restaurant Management Flagstaff, Arizona</b>		(2) Year Completed		
			Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>The School of HRM is a three building complex on NAU's central campus. Within the existing building specialized hospitality training facilities were created, including a front office and guest room design lab, a dining room and teaching bar area, along with three classrooms, offices and student collaboration areas. The historic president's house was remodeled as a new multipurpose lounge and student break area. The remodel achieved LEED Silver Certification.</b>				
4)	(1) TITLE AND LOCATION (City and State) <b>North Country HealthCare Flagstaff, Arizona</b>		(2) Year Completed		
			Professional Services <b>2009</b>	Construction (if applicable) <b>2010</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>The 30,000 square foot 2 story community health center serves the residents of Flagstaff. North Country offers comprehensive, preventive primary care, dental care, outreach programs and training/education services to all. The facility houses general practice exam suites, dental operatories, community health, educational services, mental health and administrative offices. The structure is a steel frame with masonry and synthetic stucco exterior walls.</b>				
5)	(1) TITLE AND LOCATION (City and State) <b>Findlay Flagstaff Toyota Flagstaff, Arizona</b>		(2) Year Completed		
			Professional Services <b>2008</b>	Construction (if applicable) <b>2008</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Toyota Motor Sales, Inc. advocates the development of high performance buildings to incorporate several "Green Building" concepts in order to provide: Reduced impact to natural resource consumption &amp; enhance occupant comfort and health. The new 31,266 square foot facility includes reception, new car vehicle display, new car delivery, customer lounge, service writers, locker rooms, private offices, parts department, 22 service bays, car wash and retail parts.</b>				

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

a. NAME <b>Tim Whiteside</b>		b. ROLE IN THIS CONTRACT <b>Principal Architect, Partner</b>		c. YEARS EXPERIENCE	
				1. TOTAL <b>30</b>	2. WITH CURRENT FIRM <b>20</b>
d. FIRM NAME AND LOCATION (City and State) <b>Johnson Walzer Associates, LLC, Flagstaff, Arizona</b>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>Bachelor of Architecture Masters in Business Administration</b>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Arizona - Registered Architect Colorado - Registered Architect</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>National Council of Architectural Registration Boards - Certificate Holder</b>					
<b>H. RELEVANT PROJECTS</b>					
1)	(1) TITLE AND LOCATION (City and State) <b>NAU Hazardous Waste Facility Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2012</b>	Construction (if applicable) <b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>As NAU's research programs have expanded, so has their need to handle the resultant waste chemicals. The new facility has an innovative multiple zone design, intended to allow chemicals to be safely sorted by their hazard class. The project involved a programming phase, which dove into the details of materials to be handled. The building is a hazard class 3, designed to address the university's needs as it continues to develop its research capabilities.</b>			<input checked="" type="checkbox"/> Check if project performed with current firm		
2)	(1) TITLE AND LOCATION (City and State) <b>Terry Marxen Chevrolet Cadillac Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2011</b>	Construction (if applicable) <b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>The existing 40 year old dealership was transformed to meet the desired GM national image. The challenge dealt with meeting the national corporation desires while complying with local development standards. Existing solid walls were replaced with large sections of glazing. The interior design completely remodeled the showroom, offices, retail parts and service reception areas. New ADA accessible toilet rooms, cashier, retail parts display areas were also provided.</b>			<input checked="" type="checkbox"/> Check if project performed with current firm		
3)	(1) TITLE AND LOCATION (City and State) <b>NAU School of Hotel &amp; Restaurant Management Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>The School of HRM is a three building complex on NAU's central campus. Within the existing building specialized hospitality training facilities were created, including a front office and guest room design lab, a dining room and teaching bar area, along with three classrooms, offices and student collaboration areas. The historic president's house was remodeled as a new multipurpose lounge and student break area. The remodel achieved LEED Silver Certification.</b>			<input checked="" type="checkbox"/> Check if project performed with current firm		
4)	(1) TITLE AND LOCATION (City and State) <b>U.S. Geological Survey Master Plan Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>The proposed site design clusters new buildings in closer proximity to the existing buildings, to reinforce creation of a campus feel. Employee and visitor parking is centralized, to provide securable drives and convenient access for employees to each building. Truck access is completely separated from other vehicles. A campus spine is created between the buildings, with a strong pedestrian link between parking areas extending north to tie into existing buildings.</b>			<input checked="" type="checkbox"/> Check if project performed with current firm		
5)	(1) TITLE AND LOCATION (City and State) <b>Findlay Flagstaff Toyota Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2008</b>	Construction (if applicable) <b>2008</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Toyota Motor Sales, Inc. advocates the development of high performance buildings to incorporate several "Green Building" concepts in order to provide: Reduced impact to natural resource consumption &amp; enhance occupant comfort and health. The new 31,266 square foot facility includes reception, new car vehicle display, new car delivery, customer lounge, service writers, locker rooms, private offices, parts department, 22 service bays, car wash and retail parts.</b>			<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 <b>Dan Burke, PE</b>		b. ROLE IN THIS CONTRACT <b>Project Principal, Engineer</b>		c. YEARS EXPERIENCE	
				1. TOTAL <b>24</b>	2. WITH CURRENT FIRM <b>7</b>
d. FIRM NAME AND LOCATION (City and State) <b>The WLB Group, Inc., Flagstaff, Arizona</b>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>Civil Engineering curriculum at the University of Arizona &amp; Northern Arizona University</b>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Civil Engineering - Arizona #30492</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Member, American Society of Civil Engineers and Arizona Floodplain Managers Association</b>					
<b>H. RELEVANT PROJECTS</b>					
1)	(1) TITLE AND LOCATION (City and State) <b>San Francisco Parking Structure Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2011</b>	Construction (if applicable) <b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>A 6 story, 1,400 car parking structure was constructed on the NAU campus. The new structure is located north of Sechrist Hall and adjacent to the new transportation spine. WLB provided site design, utility relocations, topographic surveying, and construction administration for the project. The site was designed to provide ADA access to the New Student Orientation office and to the trash enclosure located on the south side of the parking structure.</b>					
2)	(1) TITLE AND LOCATION (City and State) <b>NAU Parking Structure Utility Relocations Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Before the construction of the San Francisco Parking Structure could commence, existing utilities under the Fronske Health Center had to be relocated. WLB provided planning, design, and construction administration to relocate the existing 36" storm drain, 8" water line, and 6" gas line around the foot print of the new parking structure. The project was constructed on budget and completed prior to the start of classes in August 2011.</b>					
3)	(1) TITLE AND LOCATION (City and State) <b>NAU Housing Hilltop and McConnell Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2011</b>	Construction (if applicable) <b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>WLB was selected by American Campus Communities to provide site design and surveying for these two housing projects on the NAU campus. The projects are located on the NAU campus and tie into the NAU utility infrastructure. WLB's role was to provide grading, drainage, and utility design for the new housing. With our understanding of the NAU campus utilities, we were able to find solutions that met NAU requirements and fit within the construction budget. WLB worked with the project team to insure that grading and drainage design was not only functional, but also aesthetically complementing to the architectural design. One of WLB's roles was to insure that ADA access was maintained to the sites. A concern that was raised by NAU during construction, was the pedestrian connectivity from Knolls Drive to San Francisco Street. WLB worked with the team to design an 8' wide sidewalk on the north side of McConnell Drive.</b>					
4)	(1) TITLE AND LOCATION (City and State) <b>NAU Ardrey Auditorium Flagstaff, Arizona</b>			(2) Year Completed	
				Professional Services <b>2011</b>	Construction (if applicable) <b>2012</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>WLB worked with the architecture firm of RSP Associates on this project. WLB completed a site survey and site design for the project. The site design included a new entry plaza, accessible ramps to the mezzanine level and planting and irrigation design. Dan served as project manager for the project.</b>					

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

a. NAME <b>Richard D. Turley, P.E.</b>	b. ROLE IN THIS CONTRACT <b>Structural Engineering Director</b>	c. YEARS EXPERIENCE	
		1. TOTAL <b>36</b>	2. WITH CURRENT FIRM <b>34</b>
d. FIRM NAME AND LOCATION (City and State) <b>Caruso Turley Scott Inc. Structural Engineers, Tempe, Arizona</b>			
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>BS/1976/ Civil Engineering Northern Arizona University, Flagstaff, Arizona</b>		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>P.E./1981/Structural Engineering. Registration active in: AZ, CO, ID, KS, MA, ME, MI, MN, MS, MO, MT, NM, NHM ND, NE, OH, OK, RI, UT, WA, WI, WY, Washington D.C</b>	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Member: Board of Director: Member &amp; Past Director: U.S. Air Force: ACEC/AISC/ASCE/ICBO SAME - Phoenix Post 1999 SEAoA 1969-1973/Honorable Discharge NAU CE DAC</b>			

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION (City and State) <b>State of Arizona Department of Veteran's Services Tucson Tucson, Arizona</b>	(2) Year Completed	
		Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Director and Manager for the \$30 million dollar, 2-story, 137,000 square foot facility. The structural engineering for the project was completed according to schedule.</b>		
2)	(1) TITLE AND LOCATION (City and State) <b>State of Arizona Game &amp; Fish Department Ben Avery Shooting Facility Phoenix, Arizona</b>	(2) Year Completed	
		Professional Services <b>2012</b>	Construction (if applicable) <b>2013</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Director and Manager for the \$800 thousand dollar, 1-story, 3,000 square foot facility. The structural engineering for the project was completed according to schedule.</b>		
3)	(1) TITLE AND LOCATION (City and State) <b>State of Arizona Department of Transportation Maintenance Yard Warehouse Tempe, Arizona</b>	(2) Year Completed	
		Professional Services <b>2003</b>	Construction (if applicable) <b>2003</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Director for the \$1.0 million dollar, 1-story 8,025 square foot office and warehouse building additions. The structural engineering for the project was completed according to schedule.</b>		
4)	(1) TITLE AND LOCATION (City and State) <b>State of Arizona Department of Transportation Kingman Port of Entry Kingman, Arizona</b>	(2) Year Completed	
		Professional Services <b>1996</b>	Construction (if applicable) <b>1997</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Director and Manager for the \$3.2 million dollar, 1-story, 15,000 square foot facility. The structural engineering report for the project was completed according to schedule.</b>		
5)	(1) TITLE AND LOCATION (City and State) <b>State of Arizona Parks Department Kartchner Caverns State Park Discovery Center &amp; Cave Pathways - Cochise County, Arizona</b>	(2) Year Completed	
		Professional Services <b>1996</b>	Construction (if applicable) <b>1997</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Project Director and Manager for the \$7.0 million dollar, 1-story, 3,000 square foot exhibit hall and visitor's center building. The structural engineering report for the project was completed according to schedule.</b>		

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

a. NAME <b>Greg Larson, P.E.</b>		b. ROLE IN THIS CONTRACT <b>Electrical Engineer</b>		c. YEARS EXPERIENCE	
				1. TOTAL <b>28</b>	2. WITH CURRENT FIRM <b>10</b>
d. FIRM NAME AND LOCATION (City and State) <b>Sequoia Trail Engineers, Phoenix, Arizona</b>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>BSEE Electrical Engineering Michigan Technological University</b>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Registered Electrical Engineer - Arizona, California</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)					
<b>H. RELEVANT PROJECTS</b>					
1)	(1) TITLE AND LOCATION (City and State) <b>Phoenix Collegiate Academy High School (New Facility) Phoenix, Arizona</b>			(2) Year Completed	
				Professional Services <b>2012</b>	Construction (if applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>DESCRIPTION New 19,300 square foot ground up high school located in southern Phoenix. Designed the Site power and lighting, interior lighting, power, special systems and fire alarm. Facility includes admin area, class rooms, library, Science rooms, computer lab and common meeting and lunch area. ROLE: Provided Electrical Engineering and Design.</b>					
2)	(1) TITLE AND LOCATION (City and State) <b>City of Phoenix North Valley Transit Center Renovation Phoenix, Arizona</b>			(2) Year Completed	
				Professional Services <b>2010</b>	Construction (if applicable) <b>2011</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>DESCRIPTION: A complete renovation of the existing facility. The facility consisted of a bus repair, fueling, washing, fare collection, and storage of busses with associated two story office building. The power, lighting, CCTV and security system were upgraded throughout the facility and the entire site, A new bus wash, fare collection, covered bus parking, elevator and security guard stations were added along with renovations of the balance of the facility. ROLE: Provided Electrical Engineering and Design.</b>					
3)	(1) TITLE AND LOCATION (City and State) <b>One Neck IT Services, Upgrade to Tier 3 Data Center Gilbert, Arizona</b>			(2) Year Completed	
				Professional Services <b>2012</b>	Construction (if applicable) <b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>DESCRIPTION: Renovated an existing Data center to add a complete redundant "B" side power distribution system to provide a Tier 3 power distribution system to comply with Data Center Standard TIA-942. The facility upgrades included a new 2000A service, 2 new 1250KW generators, new 450KW UPS and numerous transfer and priority switches ROLE: Provided Electrical Engineering and Design.</b>					
4)	(1) TITLE AND LOCATION (City and State) <b>Cancer Treatment Centers of America, Business Center Goodyear, Arizona</b>			(2) Year Completed	
				Professional Services <b>2012</b>	Construction (if applicable) <b>2013</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>DESCRIPTION: Provided 40Ksf of new administrative offices and IT center in three existing warehouse shell buildings. Provide EM power system for all buildings ROLE: Provided Electrical Engineering and Design.</b>					
5)	(1) TITLE AND LOCATION (City and State) <b>Navajo County Jail Expansion Holbrook, Arizona</b>			(2) Year Completed	
				Professional Services <b>2012</b>	Construction (if applicable) <b>Ongoing</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>DESCRIPTION: Provide various additions to the existing jail facility for a new kitchen, medical clinic, booking and holding, central control and drive thru enclosed sally port. ROLE: Provided Electrical Engineering and Design.</b>					

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

a. NAME <b>Mehrad Sadrisset, P.E.</b>		b. ROLE IN THIS CONTRACT <b>Project Engineer</b>		c. YEARS EXPERIENCE	
				1. TOTAL <b>34</b>	2. WITH CURRENT FIRM <b>24</b>
d. FIRM NAME AND LOCATION (City and State) <b>Professional Engineering &amp; Technology, Tucson, Arizona</b>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <b>BS Mechanical Engineering, 1980</b>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>Arizona/Mechanical Engineer/1985 California/Mechanical Engineer/1988 New Mexico/Mechanical Engineer/2012</b>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Member of NFPA, ASHRAE and ASPE</b>					

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION (City and State) <b>Dine College Tsaile, Arizona</b>	(2) Year Completed	
		Professional Services <b>2012</b>	Construction (if applicable) <b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>This project consisted of a new 4000 S.F facility for Dine nation college in Tsaile. The mechanical system was based on a packaged roof top gas heating electric cooling units.</b>		
2)	(1) TITLE AND LOCATION (City and State) <b>Dine College Ship Rock, New Mexico</b>	(2) Year Completed	
		Professional Services <b>2012</b>	Construction (if applicable) <b>2012</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>This project consisted of a new 8000 S.F facility for Dine nation college in Shiprock. The mechanical system was based on a packaged roof top gas heating electric cooling units.</b>		
3)	(1) TITLE AND LOCATION (City and State) <b>Southwest Ambulatory Care Center Chandler, Arizona</b>	(2) Year Completed	
		Professional Services <b>2009</b>	Construction (if applicable) <b>2011</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>This project consisted of 139,000 s.f of a new ambulatory care center. The central utility plant includes a water cooled chiller, cooling tower, and a plate &amp; frame heat exchanger for the primary cooling, solar panel and a gas fired boiler for heating. The airside system consists of rooftop central station air handlers and variable air volume terminal units. The facility is controlled by a direct digital control system.</b>		
4)	(1) TITLE AND LOCATION (City and State) <b>Southwest Ambulatory Care Center Komatke, Arizona</b>	(2) Year Completed	
		Professional Services <b>2006</b>	Construction (if applicable) <b>2009</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>This project consisted of 75,000 s.f of a new ambulatory care center. The central utility plant includes a water cooled chiller, cooling tower, and a plate &amp; frame heat exchanger for the primary cooling, and a gas fired boiler for heating. The airside system consists of rooftop central station air handlers and variable air volume terminal units. The facility is controlled by a direct digital control system.</b>		
5)	(1) TITLE AND LOCATION (City and State) <b>Chinle Comprehensive Health Care Facility Chinle, Arizona</b>	(2) Year Completed	
		Professional Services <b>2005</b>	Construction (if applicable) <b>2008</b>
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>This project consisted of renovating 10,000 square feet of the existing hospital and adding 40,000 square feet of new hospital space. The HVAC system was designed as an expansion to the existing hospital's central system. The existing central chilled water capacity was increased by adding a new air cooled chiller and chilled water pump. The existing central plant heating and domestic water system was adequate to serve the new addition.</b>		

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

**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	
Navajo County Public Works Complex		PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> Projected 2014
<b>23. PROJECT OWNER'S INFORMATION</b>			
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
Navajo County	\$5,000,000	Ongoing	

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

Navajo County's existing Public Works Roadyard was located adjacent to the Little Colorado River and was subject to flooding and site erosion. JWA designed a new expanded maintenance facility on higher raw land, across the highway from the County Complex in Holbrook. The roadway facilities were combined with the County Public Works administrative offices, streamlining operations and improving operational efficiency. Twelve acres of a larger county parcel was developed, with site design focusing on separation of the large public works vehicles from the public traffic. Space is provided for laydown materials areas, cinder piles, road construction materials and a large waste tire storage facility. Developed site facilities include a truck and auto wash building and two storage buildings.



The main maintenance facility features three drive through bays, one with a lube pit, four small vehicle service bays, a welding shop with bridge crane and parts storage space. Each bay has overhead vehicle exhaust and piped fluids.

**Professional Services:**  
Architecture & Programming

**Square Footage:** 33,200

**Construction Cost:** \$5,000,000

**Completion Date:** October 2014

**Delivery Method:** CMAR

The Public Works administrative offices are designed to encourage collaboration and team effort, core values for this department. A large training room is designed for use as an emergency

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Johnson Walzer Associates, LLC	Flagstaff, Arizona	Architects/Project Management
b.	Bakkum Noelke Consulting Structural Engineers	Phoenix, Arizona	Structural Engineers
c.	Professional Engineering & Technology	Tucson, Arizona	Mechanical & Plumbing Engineers
d.	Sequoia Trail Engineers	Phoenix, Arizona	Electrical Engineers

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

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Navajo County Jail Expansion	2013	Projected 2014

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Navajo County	\$5,000,000	Ongoing

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

Navajo County expanded their jail residential areas in the late 90's. At that time they lacked funding to expand the related support services needed for the larger jail population. This project addressed expansion of these much needed services.

JWA met with staff groups and created a design program, phasing strategy, conceptual design and cost estimates. This preliminary package was used to work with the County's finance group to finalize bonding. After bonding was successfully secured, the team moved forward with final design documents. JWA guided Navajo County through procurement for their first project to be constructed under the alternative CMAR project delivery method.

The project includes two phases of construction. The initial phase involves addition of a new detention grade kitchen, laundry and medical clinic. The medical area includes a housing unit for close observation of inmates under doctor's care, an isolation area, procedure room, exam room, dental exam space, lab, doctor's office and nurse's station.

The second phase includes demolition of the existing kitchen and construction of a new booking area, with an enclosed sallyport. An organizing design concept was the creation of a new linear interior ramp that connects both level of the addition.



**Professional Services:**  
Architecture & Programming

**Square Footage:** 23,330

**Construction Cost:** \$5,000,000

**Completion Date:** May 2014

**Delivery Method:** CMAR

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Johnson Walzer Associates, LLC	(2) FIRM LOCATION <i>(City and State)</i> Flagstaff, Arizona	(3) ROLE Architects/Project Management
b.	(1) FIRM NAME Bakkum Noelke Consulting Structural Engineers	(2) FIRM LOCATION <i>(City and State)</i> Phoenix, Arizona	(3) ROLE Structural Engineers
c.	(1) FIRM NAME Professional Engineering & Technology	(2) FIRM LOCATION <i>(City and State)</i> Tucson, Arizona	(3) ROLE Mechanical & Plumbing Engineers
d.	(1) FIRM NAME Sequoia Trail Engineers	(2) FIRM LOCATION <i>(City and State)</i> Phoenix, Arizona	(3) ROLE Electrical Engineers
e.	(1) FIRM NAME Design-Tech Food Facilities, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Phoenix, Arizona	(3) ROLE Food Service Equipment Consultant

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

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
NAU Chemical Storage Hazardous Waste Facility	2013	January 2014

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Northern Arizona University	\$1,220,000	Ongoing

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

As NAU's research programs have expanded, so has their need to handle the resultant waste chemicals. This facility provides a central location for the safe handling of hazardous waste chemicals. It replaces four other locations on campus.

The new facility has an innovative multiple zone design, intended to allow chemicals to be safely sorted by their hazard class. The project involved a detailed programming phase, which dove into the details of materials to be handled at the facility. The building is a hazard class 3, designed to address the university's needs as it continues to develop it's research capabilities.



**Professional Services:**

Architecture & Programming

**Square Footage:** 2,000

**Construction Cost:** \$1,220,000

**Completion Date:** January 2014

**Delivery Method:** CMAR

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Johnson Walzer Associates, LLC	Flagstaff, Arizona	Architects/Project Management
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b. Bakkum Noelke Consulting Structural Engineers	Phoenix, Arizona	Structural Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. Professional Engineering & Technology	Tucson, Arizona	Mechanical & Plumbing Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. Sequoia Trail Engineers	Phoenix, Arizona	Electrical Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. Hughes Associates, Inc.	Los Angeles, California	Fire Protection Engineers

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

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Flagstaff High School Phase II	2009	2010

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Flagstaff Unified School District	\$5,600,000	\$5,600,000

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

Flagstaff High School is a sprawling complex of over 260,000 square feet, with original facilities dating from the 1940's and dozens of additions and remodels completed over the years since. The central design problem faced by JWA was to create a more student friendly, cohesive and controllable environment. In addition, the client's program identified facility rehabilitation needs spread throughout the complex and a limited public bond-funded budget. To balance these multiple demands and limited budgets, the team created a priority list and a master-plan, to be completed as funding becomes available.

Phase two focuses on the central design problem. One wing was demolished entirely and a new central spine sliced through the complex, connecting three major portions of the campus in a highly visible, student friendly setting. This new linear gallery supports a photo-voltaic array which dramatically reduces the school's energy usage.

The gallery connects a new 300 seat mini auditorium, two science lab/lecture areas and a remodeled 600 seat student commons. A new kitchen and serving area create a food court atmosphere with eight food venues offered. A new north commons area is also created for student vending and small class or performances. This commons is created within the original historic school and restores a portion of it's original native stone wall construction.



**Professional Services:** Architecture

**Square Footage:**

New Construction	19,670 sf
Renovation	26,000 sf

**Construction Cost:** \$5,600,000

**Delivery Method:** Hard Bid

**Contractor:** Cal Wadsworth Construction

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Johnson Walzer Associates, LLC	Flagstaff, Arizona	Architects
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b. The WLB Group, Inc.	Flagstaff, Arizona	Civil Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. Bakkum Noelke Structural Engineers	Phoenix, Arizona	Structural Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. Pearson Engineering Company	Phoenix, Arizona	Mechanical Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. Sequoia Trail Engineers, LLC	Phoenix, Arizona	Electrical Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
f. Design-Tec Food Facilities, Inc.	Phoenix, Arizona	Kitchen Consultant

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

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
NNDOT Vehicle Maintenance Facility	2009	2010

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Navajo Nation Dept of Transportation	\$1,600,000	\$1,600,000

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

This is one of two new maintenance facilities planned to be the prototype for NNDOT's planned expansion of maintenance facilities for each region served within the Navajo Nation. This facility provides an administrative area with staff offices, open work area, copy center, a meeting room planned for community use, locker facilities and a sleeping dorm, to provide for crews stranded during bad weather. The maintenance area includes parts storage, one standard & two oversize vehicle bays and one drive through oversize bay. The maintenance area includes an oil and lube pit designed for the large road maintenance vehicles, a vehicle lift, jib crane, a central lube/oil/air system and individual vehicle exhaust systems for each work bay.

Site design provides maneuvering area for the oversize maintenance vehicles and careful separation of circulation for private small vehicles from the large service trucks. Parking is provided for thirty privately owned vehicles. The site is master-planned to provide space for future buildings and material lay down areas. An on-site waste treatment system is included.

This site is being developed on raw land provided by the Dilkon community. Off site work included extension of a road through the neighboring BIA roadway and a public water line extension. The building design uses a pre-engineered steel frame and is planned with systems that will minimize facility maintenance needs. The project was designed under an innovative partnership arrangement with Navajo County.



**Professional Services:**  
Architecture & Master Planning

**Square Footage:**  
New Construction            10,000 sf

**Construction Cost:** \$1,600,000

**Delivery Method:** Hard Bid

**Contractor:** Dean Douglas Development

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Johnson Walzer Associates, LLC	Flagstaff, Arizona	Architects
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b. The WLB Group, Inc.	Flagstaff, Arizona	Civil Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c. Bakkum Noelke Structural Engineers	Phoenix, Arizona	Structural Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d. Professional Engineering & Technology	Tucson, Arizona	Mechanical Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e. Sequoia Trail Engineers	Phoenix, Arizona	Electrical Engineers
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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6. ADDITIONAL INFORMATION

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

### Company Profile

Johnson Walzer Associates, LLC  
17 North San Francisco Street, Suite 3A  
Flagstaff, Arizona 86001  
Phone: 928.779.0470  
Fax: 928.779.5479

Mitchell Walzer, Principal  
Email: [mitch@jwaarchitects.com](mailto:mitch@jwaarchitects.com)  
Cell Phone: 928.699.1595

Tim Whiteside, Principal  
Email: [tim@jwaarchitects.com](mailto:tim@jwaarchitects.com)  
Cell Phone: 928.853.5027

Location of office  
17 North San Francisco Street  
Suite 3A  
Flagstaff, Arizona 86001

### Brief history of the company.

JWA. Johnson Walzer Associates is a Flagstaff—based architectural firm offering complete planning, architectural and engineering services. The firm was founded in 1985 and traces its roots in Flagstaff back into the Seventies. The firm specializes in work for public and educational institutions. We have been working with a majority of clients for over twenty three years.

JWA offers a unique combination of related experience and capabilities that will be important in making this a successful project.

### Our goal is always high quality design:

- To listen to and collaborate with our clients for innovative and creative solutions.
- To cultivate long lasting client relationships.
- To be a creative design firm known for our vision, value and service.
- To take the time to thoroughly understand and commit to our clients needs and desires.
- To continuously evaluate and improve our professional services.
- To enhance the environment through energy efficient and sustainable design.

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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.)

### **THE FIRM**

**Johnson Walzer Associates** is a design oriented firm with offices on the third floor of the historic Switzer Building in downtown Flagstaff. We have been providing architectural and Engineering services to governmental, institutional, commercial and private clients since 1985. Our staff presently includes three senior registered architects, each a full partner in the firm. Ken Johnson has been practicing in Flagstaff since the mid-seventies. Mitch Walzer joined Ken in 1985, having come from ADP in Tucson, a regional firm that specialized in healthcare and high tech projects. Tim Whiteside, the third partner, joined the firm thirteen years ago, having worked in the Phoenix area since the mid-eighties. Our goal is to provide excellence in design, technology and utility while staying within schedule and budget limitations.

### **THE TEAM**

Each project receives the best efforts of our highly trained staff and consultants organized as a team for the project. The core of the team includes the client, the project principal, project manager and project designer. We will expand the team as the project requires to include consulting engineers and specialty consultants.

### **SERVICES**

We offer our clients comprehensive architectural services. In house services include programming, master planning, feasibility studies, architectural design, interior design, graphic design, site studies, value engineering and construction administration. We retain consulting civil, geotechnical, landscape, structural, mechanical, electrical and acoustical engineering consultants as required by the individual project.

### **THE JWA DIFFERENCE**

Johnson Walzer Associates offer our clients a unique combination of experience, capability and approach. Key features include:

1. Stability.
2. Capacity to get the work done on time.
3. Diverse, broad based project experience.
4. We Listen.
5. Expertise in design for the Northern Arizona Environment.
6. Design focus on maintainability and operational affordability.
7. Success in project cost control.
8. Excellent agency relationships.
9. Expertise in design for specialized functions.
10. Thorough documentation.
11. An emphasis in project delivery systems.
12. Expertise in alternate project delivery systems.
13. The personal touch.
14. Long term client relationship.
15. Excellent access and availability.

### **EXPERIENCE WITH SIMILAR CLIMATES AND HIGH ALTITUDE LOCATIONS**

Almost all of Johnson Walzer Associates work has been completed in Northern Arizona. We offer unique expertise in design for our bizarre climate, and understand issues associated with the high altitude. Flagstaff, with its large daily temperature swings, freeze thaw cycles, wind driven snow, intense ultraviolet exposure, monsoon humidity, seasonal high winds and other delights certainly challenge the design professional. We specialize in appropriate design responses for this environment, and in correcting past, bad design decisions made by firms that didn't really understand our climate.

## 6. ADDITIONAL INFORMATION

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

### **BUDGET METHODOLOGY / COST CONTROL**

A successfully managed project budget benefits Mohave by allowing the project to be constructed within the funding model that has been established. This alleviates the need to develop additional funding, avoids robbing funding earmarked for other construction, and establishes an attitude with the project builder (whether it is a construction manager or a bidding contractor or subcontractor), that cost overruns will not be tolerated and the costs are being closely watched and monitored. From the JWA perspective, we view budget control as our fiduciary responsibility to Mohave. We also know that bringing the project in on budget will maximize the value Mohave receives for the project and helps the JWA team avoid redesign, redrawing, and re-bidding to try to get the project back on budget.

### **ESTIMATES PREPARED IN HOUSE**

JWA prepares estimates based on our historic data for Northern Arizona area construction. We consult with local contractors and subcontractors to verify and update units costs.

### **CONCEPTUAL COSTS**

We are particularly skilled at estimating costs during conceptual and developmental stages of design. From working with FUSD, NAU and other state agencies for more than twenty years, we understand the issues of complexity and design quality associated with projects on campus. Rather than guessing at the earliest stages of design we are able to assign costs based on comparable local projects. Most cost estimators must wait until hard lined drawings are provided before they venture an estimate. We are able to jump in at the conceptual design stage.

### **PROGRAM COSTS**

During the program stage, we understand the human nature of desiring more than the budget can support. We will generate a preliminary project program with program spaces and their areas and area summaries. From this, we will apply conceptual costs on a space by space basis, depending on complexity and expected levels of finish. In an on-site, interactive and collaborative program review, we will prioritize your needs and desires and balance them against the costs for these spaces. We will help you determine what is of most value during this real time cost balancing session. At the end of this opportunity, Mohave will have a clear understanding of the program they can afford.

### **MAINTAINING CONTINGENCIES**

At early stages of design, we maintain a design contingency. As the project progresses, this contingency will lower proportional to the detail of the documents. Maintaining these contingencies is critical to accurate conceptual cost estimating as well as the more traditional and detailed take-off type estimates. Even during the design development and construction document phases, not all elements will have been shown on the documents (until 100% completion) and a detailed take-off type estimate will need to maintain a design contingency for unseen elements that will be added to the documents.

### **DESIGN DEVELOPMENT & CONSTRUCTION DOCUMENT COSTS**

As we progress with completion of the documents, we will prepare detailed take-offs and provide you with accurate estimates throughout the project.

## 6. ADDITIONAL INFORMATION

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

### CONSTRUCTION MANAGEMENT AND CONSTRUCTION ESTIMATING

Throughout our project experience, we have learned that additional estimating sources can provide a balance for our in-house estimates. These construction manager and independent cost estimates can many times provide information about local market trends that might have slipped under our radar. Including these types of estimates in the project are valuable sources of cost information. We support this dual estimating and the cost control it provides. We have collaborated with Construction Managers for many of our projects.

### ACCURATE DOCUMENTATION

One of the most effective ways to maintain cost control is to have an accurate and complete set of construction documents. This avoids potential cost overruns as a result of excessive change orders. While we attempt to create a perfect set of construction documents, we have yet to achieve this status (as we are certain no other architectural team has done either) because of the 'prototypical' nature of a set of unique construction drawings. For this reason, some contingency should be built into the construction costs. When contractors sense a good set of documents, they usually provide a more competitive bid, also helping to control costs and maintain the budget.

### QUALITY CONTROL METHODOLOGY

Quality Control begins with an accurate and buildable set of contract documents. The JWA team employs quality control methods during document preparation to ensure codes are met, life safety standards are addressed, interrelated systems are fully coordinated, dimensions are accurate, references are complete and thorough, etc. We examine and evaluate options

related to sustainability and energy efficiency, including integrated system design, use of sustainable materials, energy efficient equipment and building envelope, principles of day-lighting, maintainable materials, and evaluation of life cycle cost in true value engineering.

### KNOWLEDGEABLE TEAM

Our quality control begins with those who are putting the project together. Our team members have significant expertise in Commercial facility design. Our staff understands the types of details and special considerations that must go into the NAU projects.

### LIFE CYCLE AND SUSTAINABILITY DESIGN FROM THE TOP DOWN

Project quality begins well before any drawing is created. At the pre-design stage of project development, we work with you to consider the benefits and potential detriments of true value engineering, life cycle costing, and sustainability. These concepts are first addressed during the project vision statement creation where stakeholders have the opportunity to express their views for building concepts including building systems, functionality, maintainability, operations, life cycle costs, sustainability, and energy efficiency. Once committed to paper as part of the project vision, these will become guiding principles in the creation of the built environment.

### ACCURATE DOCUMENTATION

During design and documentation phases of the project, our project team will check the accuracy of documents and ensure that the accuracy of the documents is maintained as well as maintaining the design philosophy that is established during the project vision statement creation.

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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.)

### **PROJECT COORDINATION AND SYSTEM INTEGRATION**

Also during design and documentation phases, we will have weekly coordination meetings with our team members to ensure an integrated set of project documents. All meetings and review sessions will be documented and distributed to confirm progress reports and concerns. Responses to all concerns and requests will be addressed immediately. Regular team meetings will identify work performed to-date by each discipline; make assignments to be completed for the next review; overall schedule tracking review, noting variances and assigning corrective action, if required; determine anticipated concerns for cost, schedule, scope alterations; and options. In addition to these meetings, we will hold an end of phase review of all disciplines.

### **CONSTRUCTION DOCUMENTS**

The Project Team will produce a clear, complete and concise set of Construction Documents (CD) with submittals at 50 percent and 100 percent of completion. The technical specification will be produced and reviewed with the drawings. The Construction Documents will include any contract modifications necessary. The drawings will be produced using AutoCAD. The technical specifications will be created using the AIA Masterspec system.

### **DETAIL AND SUBSTITUTION RECOMMENDATIONS**

Recommendations made by the CM or Contractor for material or component substitutions and detail constructability, whether based on value, new technology, or constructability will be thoroughly reviewed by members of our project design team. We welcome and encourage such collaborative effort with the Construction

Manager. Such recommendations will be considered against what we know to be Mohave's budget and quality expectations as well as life cycle costing. Recommendations, which are determined to be in line with the Mohave's objectives and will positively impact the project, will be recommended for incorporation into the project.

### **CONSTRUCTION ADMINISTRATION**

JWA's project manager during design will continue as construction administrator. This maintains team continuity throughout the entire project. We will work with the CM or General Contractor, and Mohave to ensure that all schedule, cost, and quality control measures are implemented throughout the construction phase of this project. Regular project site visits will be completed and documented with minutes.

### **SCHEDULE CONTROL**

A detailed and accurate project task outline and schedule will assist the project team to deliver a completed quality project to Mohave for use when needed to meet your needs.

### **PROJECT VISION / CONSENSUS BUILDING**

Establishing project vision and consensus is the first step to a progressive and maintained project schedule. If the project stakeholders and project design team all understand the vision and goals of the project from the beginning, we will avoid the potentiality of backing up and starting over. Designing with your involvement allows us to make steady progress toward the desired finish date without scrambling to redesign and catch up. A portion of the project vision will include Mohave's desired completion date. We will work backwards from this date to establish project milestones and deadlines

6. ADDITIONAL INFORMATION

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

that will help us reach the desired completion with enough time to move in and commission the building.

**TASK LIST**

A clear outline of project tasks is useful in planning the project schedule. Including all necessary steps that will be necessary to attain project completion is mandatory for accurate scheduling. Missing one of the steps would add time to the process that may not be available. Once the task list is established, times can be arranged for all events, setting up a schedule that is practical, reasonable, useful, and comprehensive.

**SCHEDULE COORDINATION**

We will review and adjust the schedule to remain on track, while reflecting changes that may occur throughout the design process.

**ALLOW REVIEW TIME**

In the drive to push headlong into the future and keep things moving, owner / stakeholder review time is often neglected or expected to occur overnight. In establishing the project schedule, we need to add time for the various reviews that must occur. Knowing when these reviews should occur and how long they should take will allow us to maintain the schedule.

**CREATING CAMPUS COMMUNITY THROUGH INCLUSION**

Scheduling should be created that allows an inclusive and collaborative approach to the project. The greater the number of stakeholders that are involved, the greater the affect will be upon creating a stronger more cohesive design.

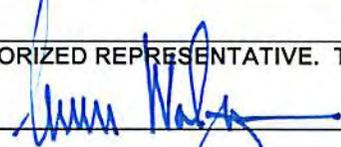
**INTERACTIVE & COLLABORATIVE PROCESS**

We believe that a process based on close interaction and collaboration with stakeholders is essential. In a project's earliest stages, we work with key project representatives to determine the process and schedule that will allow maximum involvement from a core team of faculty, staff and students. We establish a Project Communication Plan that outlines channels of communication, provides contact information for project team members, and describes the communication tools and methods that will be used on the project; including e-mail and meeting report distribution. At the project kick-off, attended by the core team representing the varied interests of the users, we facilitate the creation of a project vision statement that encapsulates the group's vision and goals for the project. The vision statement is reviewed at the beginning of each project phase to remind the team of the desired project outcome, and it is used as a guide and evaluation tool at key decision-making points. We use a charrette process that allows the core stakeholder group to remain heavily involved during the critical decision-making phases.

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:	85
b.	Percentage of Total Work Attributable to Non-Government Work:	15

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

Signature: 

Date: DECEMBER 10, 2013

Name: MITCHELL WALZER

Title: PRINCIPAL