



ATTACHMENT I – General Qualifications  
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> 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:	Jensen Hughes, Inc. (f/n/a Rolf Jensen & Associates, Inc.)
b. FIRM (OR BRANCH OFFICE) STREET:	668 N. 44 <sup>th</sup> Street, Ste 204W
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85008

f. YEAR ESTABLISHED:	1969
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(g1). OWNERSHIP - TYPE:	C Corporation
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	n/a

h. POINT OF CONTACT NAME AND TITLE:	Terence A. Manning, Operations Manager
i. POINT OF CONTACT TELEPHONE NUMBER:	602 286-6000
j. POINT OF CONTACT E-MAIL ADDRESS:	<a href="mailto:tmanning@rjagroup.com">tmanning@rjagroup.com</a>

k. NAME OF FIRM (If block 1a is a branch office):	Jensen Hughes, Inc. (f/n/a Rolf Jensen & Associates, Inc.)
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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
Fire Protection Engineer	P	73	1
Specialist	P	64	
Project Manager	P	11	3
CADD Technician	P	5	2
<b>Total</b>		153	6





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

a. NAME Michael J. Wojcik, P.E.	b. ROLE IN THIS CONTRACT Fire Protection Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 20	2. WITH CURRENT FIRM 7
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) Master of Science, Fire Protection Engineering Bachelor of Science, Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer/Fire Protection - #39169 (AZ); #41860 (MA); #44646 (CO); #20270 (NM) – NCESS National Certification #35472	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) SFPE; NFPA; AZ Board of Technical Registration Enforcement Advisory Committee; Salamander Honorary Fire Protection Engineering Society; Donga, P., Fleming, J., Wojcik, M., "Code Officials and Performance Based Fire Safety," 16 <sup>th</sup> Annual Build Boston, World Trade Center Boston, MA, November 14-16, 2000, Donga, P., Fleming, J., Wojcik, M., "Code Officials and Performance Based Fire Safety," Second Conference on Fire Safety in the 21 <sup>st</sup> Century, Worcester, MA, June 99			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) University of Arizona BioSciences Partnership Building, Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Phoenix Biomedical Campus is a master planned project which includes a ten-story research building approximately 245,000 square feet in area. RJA is providing code consulting, smoke control design-assist services, hazardous materials analysis, construction administration and special inspection services. The project has not been completed. Role: Fire Protection Engineer/Engineer of Record Fee: \$89,280	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Central Arizona Water Conservation District (CAWCD)/Central Arizona Project (CAP), Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The CAWCD headquarters in Phoenix is approximately 129 acres with five occupied buildings, two unoccupied buildings, three covered storage facilities and multiple parking and pedestrian canopies. RJA prepared a Site Fire System Assessment Report which evaluated the noted structures located in terms of fire safety and code requirements to determine deficiencies and summarize the existing conditions and improvement options/recommendations. Role: Project Manager/Fire Protection Engineer/Engineer of Record Fee: \$20,200	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) The Hub, Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Hub is a 13-story high rise student housing project in Tucson. RJA provided smoke control special inspections of the stairway pressurization system and hoistways pressurization system. Role: Fire Protection Engineer/Engineer of Record Fee: \$19,200	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) Material Analysis Laboratory, Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Material Analysis Laboratory is a new 4,400 square foot lab. RJA is providing development of the fire protection design analysis, fire protection specifications, and system design concepts and cost estimates for the 100% submittal. This project has not been completed. Role: Fire Protection Engineer/Engineer of Record Fee: \$14,580	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION (City and State) Restoration Hardware, Austin, Texas	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE RJA is providing fire protection and life safety consulting and design services for the four-story Restoration Hardware building located at the Domain Center in Austin. This project has not been completed. Role: Fire Protection Engineer/Engineer of Record Fee: \$41,700	<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 Terence A. Manning	b. ROLE IN THIS CONTRACT Fire Protection Consultant	c. YEARS EXPERIENCE	
		1. TOTAL +45	2. WITH CURRENT FIRM 10

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*  
BA, English and Education

f. PROFESSIONAL TRAINING - REGISTRATIONS

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
 Keynote Speaker/2003 Convention of the Illinois Fire Inspectors; Keynote Speaker/2003 Dowagiac Michigan Fire Department Awards Program; author of a feature article on fire pumps/International Fire Protection Magazine/April 2006; Member/International Facilities Managers Association/Arizona Fire Chiefs Association/Arizona Fire Marshals Association/NFPA 14 Standard on Standpipe Systems/Chairman NFPA 14 Low rise Subcommittee/Board of Directors Illinois Fire Chiefs Foundation/Member International Fire Chiefs Association/Life Member NFPA/Member Central Arizona Society of Healthcare Engineering

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> California Department of Corrections and Rehabilitation (CDCR), Lone, California	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing fire protection/life safety code consulting and fire alarm and sprinkler performance design services for the CDCR facility. This project has not been completed. Role: Project Manager Fee: \$118,750	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Central Arizona Water Conservation District (CAWCD)/Central Arizona Project (CAP), Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The CAWCD headquarters in Phoenix is approximately 129 acres with five occupied buildings, two unoccupied buildings, three covered storage facilities and multiple parking and pedestrian canopies. RJA prepared a Site Fire System Assessment Report which evaluated the noted structures located in terms of fire safety and code requirements to determine deficiencies and summarize the existing conditions and improvement options/recommendations. Role: Alternate Project Manager/Technical Resource Fee: \$20,200	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Helena Chemical, Lincoln, California	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA provided a Hazardous Materials Identification System and Hazardous Materials Management Plan for this new chemical warehouse. Role: Project Manager Fee: \$18,515	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Restoration Hardware, Austin, Texas	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing fire protection and life safety consulting and design services for the four-story Restoration Hardware building located at the Domain Shopping Center in Austin. This project has not been completed. Role: Technical Resource Fee: \$41,700	<input checked="" type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Double Tree/Hilton Durango, Durango, Colorado	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Double Tree/Hilton Durango is a four-story, 159-room hotel. RJA is providing fire protection consulting services related to the repair/upgrade of the automatic sprinkler system. Our work includes a site survey to determine the cause for the failure of the four dry pipe automatic sprinkler systems as well as assisting the owner by identifying multiple qualified and licensed contractors in order to solicit bids, conduct a review of the bids and provide a recommendation for reward of work. This project has not been completed. Role: Technical Resource Fee: \$45,234	<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 Brian A. Goble, CBO	b. ROLE IN THIS CONTRACT Fire Protection Consultant	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 5

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

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

f. PROFESSIONAL TRAINING - REGISTRATIONS  
 ICC Certified Building Official #5216126-CB  
 ICC Certified Plans Examiner #0861071-06  
 ICC Certified Accessibility/Usability Specialist #0861071-21  
 ICC Certified Building Inspector #0861071-B5  
 ICC Certified Commercial Mechanical Inspector #860171  
 ICC Certified Plumbing Inspector #0861071-30  
 ICC Certified Combination Dwelling Inspector #0861071-R5  
 IAPMO Certified Plumbing Inspector #097615

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

Member, National Fire Protection Association; Member, Central Arizona Chapter of ICC; Member, Star Valley Board of Appeals; Article entitled "Disaster Mitigation" published in the January-February 1995 issue of ICBO's publication *Building Standards Magazine*

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	California Department of Corrections and Rehabilitation (CDCR), Lone, California		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing fire protection/life safety code consulting and fire alarm and sprinkler performance design services for the CDCR facility. This project has not been completed. Role: Code Specialist Fee: \$118,750	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	The Hub, Tucson, Arizona	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Hub is a 13-story high rise student housing project in Tucson. RJA provided smoke control special inspections of the stairway pressurization system and hoistways pressurization system. Role: Project Manager Fee: \$19,200	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Central Arizona Water Conservation District (CAWCD)/Central Arizona Project (CAP), Phoenix, Arizona	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The CAWCD headquarters in Phoenix is approximately 129 acres with five occupied buildings, two unoccupied buildings, three covered storage facilities and multiple parking and pedestrian canopies. RJA prepared a Site Fire System Assessment Report which evaluated the noted structures located in terms of fire safety and code requirements to determine deficiencies and summarize the existing conditions and improvement options/recommendations. Role: Code Specialist Fee: \$20,200	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	University of Arizona BioSciences Partnership Building, Phoenix, Arizona		
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Phoenix Biomedical Campus is a master planned project which includes a ten-story research building approximately 245,000 square feet in area. RJA is providing code consulting, smoke control design-assist services, hazardous materials analysis, construction administration and special inspection services. The project has not been completed. Role: Project Manager Fee: \$89,280	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Grand Canyon University Arena, Phoenix, Arizona	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA provided special inspections for smoke control, duct detectors, and fire, smoke and combination fire/smoke dampers for the Grand Canyon University Arena expansion project which increased the seating capacity by 2,000 seats, increasing the arena's seating capacity to roughly 7,000. Role: Project Manager Fee: \$15,498	<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 Roy G. Medeiros, Jr., E.I.T.	b. ROLE IN THIS CONTRACT Fire Protection Consultant	c. YEARS EXPERIENCE	
		1. TOTAL 9	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S., Mechanical Engineering; MS, Fire Protection Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Engineer in Training (EIT), #21092, MA	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Society of Fire Protection Engineers; National Fire Protection Association			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> The Hub, Tucson, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Hub is a 13-story high rise student housing project in Tucson. RJA provided smoke control special inspections of the stairway pressurization system and hoistways pressurization system. Role: Technical Resource Fee: \$19,200	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Banner Del Webb Medical Center, Sun City West, Arizona	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is conducting an SOC (Statement of Conditions) for the Banner Del Webb Surgical Center. This also includes a review of the suite designations. This project has not been completed. Role: Project Manager Fee: \$7,500	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Sheraton Phoenix, Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing a site survey and code review for the new head end equipment rooms on the roof of the Sheraton Phoenix Hotel. The new construction will partially and/or fully enclose the existing smoke control stairwell pressurization equipment and/or ductwork. RJA is reviewing site conditions and code for additional requirements and potential effects to the smoke control systems. This project has not been completed. Role: Project Manager Fee: \$4,500	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Restoration Hardware, Austin, Texas	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing fire protection and life safety consulting and design services for the four-story Restoration Hardware building located at the Domain Shopping Center in Austin. This project has not been completed. Role: Project Manager Fee: \$41,700	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Rinchem, Chandler, Arizona	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE RJA is providing a review of the shop drawings for the fire alarm/sprinkler/suppression systems at this chemical warehouse which stores flammable liquids. This project has not been completed. Role: Project Manager Fee: \$5,000	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

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

a. TITLE AND LOCATION (City and State)	b. YEAR COMPLETED	
Maricopa County Sheriff's Office, Phoenix, Arizona	PROFESSIONAL SERVICES 2014	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Maricopa County	RJA Fee: \$54,396	\$92.5M

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

RJA provided plan review, code consulting and commissioning services for the new \$92.5M headquarters for the Maricopa County Sheriff's Office in Phoenix, Arizona. Included was an underground parking garage that serves about 75 people. Approximately 300 employees work in the new building. The five-story, 128,000 square foot headquarters is home to the administration staff, the 911 call center, a data center, new information technology staff, a computer-aided dispatch system and upgraded records management system.

RJA Fire Protection Team:

- Roy G. Medeiros, E.I.T., Project Manager
- Terence A. Manning, Technical Resource
- Michael J. Wojcik, P.E., Fire Protection Engineer/Engineer of Record
- Brian A. Goble, CBO, Code Specialist



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

a. TITLE AND LOCATION <i>(City and State)</i> Arizona State University Interdisciplinary Science and Technology Building (ISTB) IV, Tempe, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Arizona Board of Regents	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT RJA Fees: \$193,630 (Phase I) \$42,650 (Smoke Control)	e. TOTAL COST OF PROJECT Unknown
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The Arizona University State University Interdisciplinary Science and Technology Building IV is a 293,000 square foot facility that provides laboratories and workspace for the School of Earth and Science Exploration and the Ira A. Fulton School of Engineering.

RJA provided fire and life safety code consulting and drawing reviews, general code consulting, sealed egress and life safety code drawings, fire alarm design services, smoke control basis of design services, development of a Rational Analysis Report and construction administration services. RJA also provided smoke control special inspection services including drawing review, site surveys with punch list reports and system commissioning.

RJA Team:

- Terence A. Manning, Project Manager/Fire Alarm-Sprinkler Specialist
- Michael J. Wojcik, P.E., Fire Protection Engineer/Engineer of Record
- Brian A. Goble, CBO, Alternate Project Manager/Code Specialist
- Roy G. Medeiros, E.I.T., Technical Resource



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

a. TITLE AND LOCATION <i>(City and State)</i> CityScape, Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER RED Development, LLC	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT RJA Fees: \$471,860	e. TOTAL COST OF PROJECT unknown
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

CityScape is a mixed-use, high-rise development constructed across three blocks in downtown Phoenix. The project included a multi-story office building, the new 10-story Kimpton Palomar Hotel, a large health club, four high-end restaurants and support facilities for the entire block, including emergency generators, receiving, offices and mechanical support areas. Sharing the same five-story underground parking is a two-story amenities center across the street that includes a bowling alley, a comedy nightclub, six high-end retail stores and five restaurants. All these facilities are connected by above-street pedestrian walkways. Total building area is about 1.4 million square feet, plus 545,300 square feet in below-grade parking.

For this massive urban development project, RJA worked with the architect and then the developer during tenant improvement projects to provide system design and code consulting. With the general contractor, RJA was responsible for construction oversight of the fire protection and life safety systems to assure high quality product and compliance with local building codes and ordinances. Smoke control was a challenge. Design changes during construction were necessary to accommodate tenants' modifications to the original smoke control design, including elevator pressurization. RJA consulted with City and fire department officials to ensure acceptance of elements such as building underneath a City street and how fire alarms and sprinkler systems would be interfaced across multiple properties.

RJA provided special inspections for the smoke control system and oversight and direction consulting services associated with the testing and acceptance of the fire alarm system, sprinkler and riser systems and the fire pump. RJA created an "alternative means and methods" approach to egress management for the theater, bowling alley and restaurant in Block 77; the study was then presented to the City. RJA also provided a fire/life safety report and egress analysis for Block 22.

For the South Tower, RJA provided a fire/life safety report, general consulting services and smoke control design services. We also provided special inspection of the smoke control system at the North Tower following tenant improvement work on Floors 6-9 and 17.

RJA Team (various projects):

- Terence A. Manning – Project Manager/Fire Alarm-Sprinkler Specialist
- Brian A. Goble, CBO – Project Manager/Code Specialist
- Michael J. Wojcik, P.E. – Fire Protection Engineer/Engineer of Record
- Roy G. Medeiros, E.I.T. – Technical Resource



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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> Phoenix Sky Harbor International Airport Sky Train, Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER City of Phoenix	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT RJA Fee: \$950,000	e. TOTAL COST OF PROJECT unknown
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project involved the design and construction of three new train stations and one maintenance facility in Phoenix, Arizona. The purpose is for airport passenger transportation between terminals, parking areas and the rental car facility.

The fire alarm communications system has capabilities to communicate with occupants, automatic train operations, and fire department operations staff. Because of the type of communications systems necessary during emergency operations, RJA acted as a liaison with the City of Phoenix Development Services and Fire Department fire protection engineers, plans reviewers, inspectors, and field operations personnel in assisting them in understanding the capabilities of the system.

RJA provided fire and life safety code consulting and drawing reviews; coordination of meetings and general consulting; development of egress drawings; fire alarm and fire sprinkler design services and specifications for bid purposes; and fire alarm and fire sprinkler construction administration. RJA acted as a liaison with the Phoenix Fire Department fire protection engineers and operations staff.

RJA Team:

- Terence A. Manning, Project Manager/Fire Alarm-Sprinkler Specialist
- Michael J. Wojcik, P.E., Fire Protection Engineer/Engineer of Record
- Brian A. Goble, CBO, Code Specialist
- Roy G. Medeiros, E.I.T., Technical Resource



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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> St. Joseph's Hospital and Medical Center, Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Various projects	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER Dignity Health	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT +\$650,000 (various projects)	e. TOTAL COST OF PROJECT Unknown
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The St. Joseph's Hospital and Medical Center Campus includes the Nurses' Tower, Heart Lung Tower, Ancillary Building, Neurological Research Institute Tower, Medical Office Building, Central Plant, 3<sup>rd</sup> Floor Radiation Realignment, Ashlyn Dyer Therapeutic Pool Facility and parking garages.

RJA provided fire protection services which included fire alarm design, third party review and construction administration services for multiple buildings on the hospital campus. The design of the systems considered features of the existing structure, existing fire alarm component locations and integration with the building's automatic mechanical systems. RJA's field verification inspections and documentation of existing conditions were instrumental in the preparation of fire alarm design documents that made it possible for the hospital to receive accurate bids. RJA's involvement in the construction phase of the project resulted in timely solutions to installation challenges without change orders.

To date, RJA has provided services for over 80 projects on the St. Joseph's Hospital and Medical Center campus. While the majority of these projects are completed, we continue to be actively involved in other projects.

RJA Team:

- Terence A. Manning, Project Manager/Fire Alarm-Sprinkler Specialist
- Michael J. Wojcik, P.E., Fire Protection Engineer/Engineer of Record
- Brian A. Goble, CBO, Code Specialist
- Roy G. Medeiros, E.I.T., Technical Resource



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729

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

6. ADDITIONAL INFORMATION

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

Rolf Jensen & Associates, Inc. (RJA) is a global fire protection consulting firm providing a range of professional services involving life safety, fire protection, and security on commercial, institutional and industrial projects for clients worldwide. Founded in 1969, RJA is headquartered in Chicago with 22 offices located in major U.S. cities, China, the Middle East and the Western Pacific. Our technical staff delivers technical excellence and fast response on projects spanning the globe.

We employ approximately 150 professionals who hold degrees in a multitude of engineering disciplines – fire protection, electrical, mechanical, and civil – as well as specialists in architecture, security and fire research. Our project teams incorporate a unique blend of veteran engineers and top graduates from the leading engineering schools. RJA invests heavily in their ongoing technical and project management education and supports their involvement in the professional organizations that shape and regulate the state-of-the-art in fire protection and security.

There are multiple dimensions to the RJA scope of services. In terms of consulting services, we provide our clients with total solutions, from analysis and master planning, through design, specification and construction management, to final acceptance testing. We also offer an array of disciplines including fire protection, security and emergency response. But of most importance to our clients, we have the ability to integrate these capabilities into a seamless solution for every project challenge and deliver that solution wherever the project is located.

To date, RJA has participated in more than 50,000 projects worldwide. These projects include: government facilities ranging from military installations and embassies to courthouses and the headquarters for the FBI; landmark high-rise buildings in the Americas, Asia, Europe and the Middle East; major gaming complexes from Las Vegas to Macau; biomedical, applied science and laboratory facilities on the campuses of leading colleges and universities; world renown hospitals; hotels owned and operated by the leading names in the hospitality industry; manufacturing plants; and large venue assembly and convention centers around the world. The common denominator in all these projects is that we've built trust among our clients that we will provide them with intelligent solutions to their fire protection and security challenges... on time and within budget.

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:	25%
b.	Percentage of Total Work Attributable to Non-Government Work:	75%

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

Signature: Terence A. Manning

Date: DECEMBER 22, 2014

Name: Terence A. Manning

Title: Operations Manager