

**RFQ# ADSP014-00003465, 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 ADSP013-00003465: Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	Littlejohn Engineering Associates, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	7227 N 16 <sup>th</sup> Street, Suite 140
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	AZ
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85020

f. YEAR ESTABLISHED:	1989
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(g1). OWNERSHIP - TYPE:	Corporation
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(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
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h. POINT OF CONTACT NAME AND TITLE:	Ross Lucas, Southwest Region Manager
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i. POINT OF CONTACT TELEPHONE NUMBER:	(602) 241-0782
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j. POINT OF CONTACT E-MAIL ADDRESS:	rlucas@leainc.com
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k. NAME OF FIRM (If block 1a is a branch office):	Same as Above
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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
CADD Technician	P	13	3
Civil Engineer	P	25	2
Construction Manager	P	4	0
Construction Manager	S	0	2
Construction Inspector	P	4	0
Construction Inspector	S	0	2
Environmental Engineer	P	3	0
Environmental Scientist	P	6	0
Geographic Information System	P	2	1
Geologist	P	2	0
Landscape Architect	P	10	0
Project Manager	P	2	1
Transportation Engineer	P	4	1
Water Resources Engineer	P	7	0
Other – Industrial Hygienist	P	2	0
Other – Land Surveyor	P	6	1
Other – Planner: Urban/Regional	P	7	0
Other – Health/Safety	P	1	0
Other – Survey Technician	P	12	2
<b>Total</b>		110	15

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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	Airports; Nav aids; Airport Lighting; Aircraft Fueling	1
25	Commercial Building (Low Rise); Shopping Centers	2
10	Construction Surveying	1
8	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	1
2	Educational Facilities; Classrooms	1
5	Highways; Streets; Airfield Paving; Parking Lots	3
7	Hospital and Medical Facilities	3
2	Housing (Residential, Multi-Family; Apartments; Condominiums)	1
15	Infrastructure	2
17	Land Surveying	1
1	Plumbing and Piping Design	1
14	Surveying; Platting; Mapping; Food Plain Studies	1
7	Topographic Surveying and Mapping	1
2	Transportation	2
6	Water Resources; Hydrology; Ground Water	1
4	Water Supply; Treatment and Distribution	1
5	Zoning; Land Use Studies	1

**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  H. Ross Lucas, PE		b. ROLE IN THIS CONTRACT  Project Manager / Point of Contact		c. YEARS EXPERIENCE	
				1. TOTAL 9	2. WITH CURRENT FIRM 9
d. FIRM NAME AND LOCATION (City and State) Phoenix, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) BS in Civil Engineering, Vanderbilt University, 2004			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineer/Civil Arizona #54529		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Lucas leads the firm’s ADA compliance division in addition to managing the firm’s Phoenix, Arizona office. He has over 9 years of experience designing and managing commercial and institutional site development projects throughout the United States. His expertise includes working directly with planning and development officials, researching community development standards and developing cost effective solutions to all types of development problems. He has completed civil engineering design of ADA remediation projects at over 250 facilities across the country. He has a keen insight into ADA as a result of performing tasks related to accessibility issues ranging from drawing review and remediation plan design to construction inspection and evaluation. Additional project design specialties include storm water detention/retention analysis and design, water quality design and permitting, sediment and erosion control plan preparation, and utilities relocation.					

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION (City and State)  ASU Hayden Library Renovations, Tempe, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Assisted with plan preparation for surface improvements, excavation, bedding, backfill and compaction of the duct trench and restoration of concrete paved surface.		
2)	(1) TITLE AND LOCATION (City and State)  ADA Compliance, Medical Center Campuses, Various Locations across the United States	(2) Year Completed	
		Professional Services On-going	Construction (if applicable) On-going
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager/Lead Designer/ ADA Expert. This program involving over 250 projects involving striping, signage installation, grading, detectable warning installation, sidewalk/asphalt re-work, accessible parking relocation, etc. Many projects involved compliance with both state and federal ADA codes.		
3)	(1) TITLE AND LOCATION (City and State)  Superstition Springs Mall ADA Remediation, Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for topographic survey, construction documents and construction administration services for ADA remediation of the Superstition Springs Mall in Mesa, AZ. The property is over 1,204,700 square feet.		
4)	(1) TITLE AND LOCATION (City and State)  Phoenix Children's Hospital, Drainage Improvements, Phoenix, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for field observations and record drawings for a drainage solution to the courtyard in the east building on Phoenix Children's Hospital main campus. A plumbing drawing was prepared to pipe roof and surface drainage from the courtyard under the building slab to an existing storm system.		
5)	(1) TITLE AND LOCATION (City and State)  Thompson Peak Hospital, Accessibility Parking, Scottsdale, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Prepared conceptual site plan drawings for four parking and pedestrian access areas of the Shea Campus, including the North (Emergency Department) Entrance, Main Entrance, South (overflow) Parking and Employee Parking Garage.		

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

a. NAME <p align="center">John Kuhn, PE, RLS</p>		b. ROLE IN THIS CONTRACT <p align="center">Project Manager / Senior Consultant</p>		c. YEARS EXPERIENCE	
				1. TOTAL <p align="center">43</p>	2. WITH CURRENT FIRM <p align="center">36</p>
d. FIRM NAME AND LOCATION (City and State) Phoenix, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) BS in Civil Engineering, Arizona State University, 1970			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineer/Civil Arizona #9999; Land Surveyor Arizona #16563		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Kuhn has over 43 years of civil engineering and project management in Arizona (the last 35 years as a co-founder of Evans, Kuhn and Associates which was merged with LEA in April, 2011). His expertise is in site planning, permitting, engineering design, working with planning and development officials, real estate transactions, due diligence studies, zoning entitlements and building codes. Mr. Kuhn served on and chaired the City of Phoenix Planning Commission, City of Phoenix Design Review Standards Committee and the Paradise Valley Community Council and has developed remarkable skills with stakeholder coordination, consensus building and public communication. He has provided depositions and expert testimony on development and construction litigation issues and been a member of an arbitration panel operating under rules of the American Arbitration Association. Mr. Kuhn is also responsible for administration of technical operations for the firm and oversees the efforts of the professional and technical personnel. He has been responsible for the design of numerous health care and campus facilities.					

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	ASU Hayden Library Renovations, Tempe, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for civil plan preparation for surface improvements, excavation, bedding, backfill and compaction of the duct trench and restoration of concrete paved surface.		
2)	Mercy Gilbert Campus, Zoning Exhibits, Gilbert, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for due diligence and preparation of zoning exhibits.		
3)	Barrow Neurological Institute Building and Parking, Phoenix, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Consultant. Responsible for site base mapping, initial site civil, drainage, utility concepts and associated parking. Project will include meeting with the city of Phoenix's planning, engineering, water and streets department and coordination with utility companies.		
4)	Conexions Facility Water Supply Upgrades, Phoenix, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Completed a water supply upgrade to the Conexions Facility. Completed a limited topographic survey, exterior permitting, design of a new 3" water main and associated appurtenances. Minor site improvements were completed for a new generator pad and enclosure.		
5)	Banner Boswell Medical Center SES Improvements, Sun City, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Consultant. Prepare a site plan drawing identifying existing and proposed easements and any potential utility conflicts. LEA used results of survey, record drawings obtained from the hospital and those already in our records, and performed a site walk to prepare the site drawing of the campus.		

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

a. NAME <p align="center">John Tuter, PE</p>		b. ROLE IN THIS CONTRACT <p align="center">Project Manager / Project Engineer</p>		c. YEARS EXPERIENCE	
				1. TOTAL <p align="center">29</p>	2. WITH CURRENT FIRM <p align="center">3 Months</p>
d. FIRM NAME AND LOCATION (City and State) <p align="center">Phoenix, Arizona</p>					
e. EDUCATION (DEGREE AND SPECIALIZATION) <p align="center">BS in Civil Engineering, University of Missouri, 1995</p>			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <p align="center">Engineer/Civil Arizona #39286</p>		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Tuter has over 25 years of engineering and project management expertise with an emphasis in the planning and design of multi-faceted, multi-functional projects ranging from residential development to major transportation projects. His has extensive experience in project management, coordination with city, county, and state agencies, planning and design of residential and urban infrastructure, including arterial and collector roadways, water transmission and distribution lines, effluent lines, wastewater collection mains and hydrological analysis, grading and drainage design.					

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION (City and State) <p align="center">Mill and Overlay Design, Glendale, AZ</p>	(2) Year Completed	
		Professional Services <p align="center">2013</p>	Construction (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p align="center">Project Manager. Responsible for bid documents for the City of Glendale's annual mill and overlay project. Project also included evaluation of ADA remediation and design if needed.</p>			
2)	(1) TITLE AND LOCATION (City and State) <p align="center">Mockingbird Lane Improvements, Paradise Valley, AZ</p>	(2) Year Completed	
		Professional Services <p align="center">2013</p>	Construction (if applicable) <p align="center">2014</p>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p align="center">Project Manager. Responsible for roadway improvements, utility coordination, pedestrian and bicycle improvements, a traffic circle and drainage improvements including a reinforced box culvert.</p>			
3)	(1) TITLE AND LOCATION (City and State) <p align="center">Palo Verde Drive Improvements, Paradise Valley, AZ</p>	(2) Year Completed	
		Professional Services <p align="center">2013</p>	Construction (if applicable) <p align="center">2013</p>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p align="center">Project Manager. Responsible for .25 miles of roadway improvements through an existing residential area with limited right of way. This project included a curvilinear alignment and pedestrian cross walk refuge that acted as a traffic calming devise. Project also included sidewalks, driveway entrances, curb and gutter and full pavement replacement.</p>			
4)	(1) TITLE AND LOCATION (City and State) <p align="center">Valley Metro Rail, Central Mesa Extension, Mesa, AZ</p>	(2) Year Completed	
		Professional Services <p align="center">Unknown</p>	Construction (if applicable) <p align="center">Unknown</p>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p align="center">Project Engineer. Coordinated the design of water, sanitary sewer and gas lines extension along Main Street from, Sycamore Street to Horne Street for a length of 3 miles.</p>			
5)	(1) TITLE AND LOCATION (City and State) <p align="center">Main Street Utility Improvements, Phase II, Mesa, AZ</p>	(2) Year Completed	
		Professional Services <p align="center">Unknown</p>	Construction (if applicable) <p align="center">Unknown</p>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <p align="center">Project Manager. Responsible for water and gas utility plans on Main Street from Mesa Drive to Gilbert Road. Design included parallel utility alignments to clear the corridor for the proposed future expansion of light rail to Gilbert Road. The project included 5 miles of waterline ranging in size from 6" to 16" and 4.5 miles of gas line.</p>			

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

a. NAME  Ava Furga		b. ROLE IN THIS CONTRACT  Project Manager / Lead Designer		c. YEARS EXPERIENCE	
				1. TOTAL 18	2. WITH CURRENT FIRM 8
d. FIRM NAME AND LOCATION (City and State) Phoenix, Arizona					
e. EDUCATION (DEGREE AND SPECIALIZATION) MS in Mechanical Engineering, Poland, 1981			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Ms. Furga has 18 years of civil engineering experience in the design of public and private infrastructure. She has substantial experience in the design and coordination of utility infrastructure along arterial roadways and is particularly skilled in designing on site utility infrastructure for major facilities. Ms. Furga also brings a solid background in the design of onsite and offsite drainage facilities.					

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION (City and State)  ASU Hayden Library Renovations, Tempe, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Engineer. Responsible for civil plan preparation for surface improvements, excavation, bedding, backfill and compaction of the duct trench and restoration of concrete paved surface.			
2)	(1) TITLE AND LOCATION (City and State)  Phoenix Children's Hospital, Drainage Improvements, Phoenix, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer/Asst. Manager. Responsible for field observations and record drawings for a drainage solution to the courtyard in the east building on Phoenix Children's Hospital main campus. A plumbing drawing was prepared to pipe roof and surface drainage from the courtyard under the building slab to an existing storm system.			
3)	(1) TITLE AND LOCATION (City and State)  Barrow Neurological Institute Building and Parking, Phoenix, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Responsible for site base mapping, initial site civil, drainage, utility concepts and associated parking. Project will include meeting with the city of Phoenix's planning, engineering, water and streets department and coordination with utility companies.			
4)	(1) TITLE AND LOCATION (City and State)  Conexions Facility Water Supply Upgrades, Phoenix, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Lead Designer/Asst. Manager. Completed a water supply upgrade to the Conexions Facility. Completed a limited topographic survey, exterior permitting, design of a new 3" water main and associated appurtenances. Minor site improvements were completed for a new generator pad and enclosure.			
5)	(1) TITLE AND LOCATION (City and State)  Banner Boswell Medical Center SES Improvements, Sun City, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager. Prepare a site plan drawing identifying existing and proposed easements and any potential utility conflicts. LEA used results of survey, record drawings obtained from the hospital and those already in our records, and performed a site walk to prepare the site drawing of the campus.			

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

a. NAME  Tom Lavalette, RLS	b. ROLE IN THIS CONTRACT  Survey Manager	c. YEARS EXPERIENCE	
		1. TOTAL 25	2. WITH CURRENT FIRM 10 Months
d. FIRM NAME AND LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) N/A		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Land Surveyor Arizona #37258	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Lavalette has over 25 years of field survey experience including ALTAs, boundary surveys, topographic surveys, and construction staking. He has coordinated and supervised several field survey crews, attending meetings with government agencies and contractors, conducted research of public records in connection with land surveys, performed surveys in compliance with the proper government agency standards, performed analysis of survey data and various office calculations, written legal descriptions, calculated and analyzed data for boundary surveys, reviewed data for quality control, and supervised drafting departments.			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	John C Lincoln Deer Valley Construction Staking, Phoenix, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Manager for construction staking a new fuel tank pad, screen wall, generator pad, storm drain pipe and sidewalk. <input checked="" type="checkbox"/> Check if project performed with current firm		
2)	Yuma Street, 28 <sup>th</sup> Avenue to 33 <sup>rd</sup> Avenue, Phoenix, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Manager for surveying services for 3300 feet of sidewalk along the north and south sides of Yuma Street. <input checked="" type="checkbox"/> Check if project performed with current firm		
3)	Bank of America ALTA Update, Phoenix, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Manager for an ALTA/ACSM Land Title Survey, boundary survey and horizontal topographic information for 3 parcels. The properties are approximately 4.25 acres, two of the three lots are continuous. Also provided 5 foot offset stakes with cut/fill to grade one time only for concrete sidewalk, single curb, concrete pads and retention basins at 25 foot intervals and as-built drawings. <input checked="" type="checkbox"/> Check if project performed with current firm		
4)	Banner Boswell MRI Replacement, Sun City, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Manager for topographic survey for the perimeter of the new location. <input checked="" type="checkbox"/> Check if project performed with current firm		
5)	Conextions Facility Water Supply Upgrades, Phoenix, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Survey Manager for limited topographic services for a water supply upgrade to the Conextions Facility. Minor site improvements were completed for a new generator pad and enclosure. <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  Jeffery Heinze, RLS	b. ROLE IN THIS CONTRACT  Landscape Architect	c. YEARS EXPERIENCE	
		1. TOTAL <b>31</b>	2. WITH CURRENT FIRM <b>20</b>
d. FIRM NAME AND LOCATION (City and State) Nashville, TN			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS in Landscape Architecture, The Pennsylvania State University - 1981		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Landscape Architect Arizona #34058	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  Mr. Heinze has over 31 years of experience in project management and master planning for various greenways, parks, educational campuses, and recreational trailways. His specialties include conceptual design, site analyses, public presentation forums and construction documents including site grading, landscape planting and lighting designs.			

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**H. RELEVANT  
PROJECTS**

1)	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Belmont University Pharmacy Building, Nashville, TN</b>	(2) Year Completed	
		Professional Services <b>2010</b>	Construction <i>(if applicable)</i> <b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Provided landscape architectural services for the \$30 million building that will become the permanent home for the Belmont School of Pharmacy.</b>		
2)	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Trevecca Nazarene University Adams Administration Building and Campus Hardscape Improvements, Nashville, TN</b>	(2) Year Completed	
		Professional Services <b>Unknown</b>	Construction <i>(if applicable)</i> <b>Unknown</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Served as Planner and Landscape Architect for the administrative services center, parking improvements, and restoration to public space amenities. Scope of services included developing a Master Plan vision for this area of the TNU campus and evaluating primary pedestrian linkages. LEA also provided design services for a recent sports field expansion program including a tennis complex and gateway elements, the Business School addition, and Student Success Center. Services included full landscape architectural and civil design.</b>		
3)	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Trevecca Nazarene University, Boone Business Center, Nashville, TN</b>	(2) Year Completed	
		Professional Services <b>Unknown</b>	Construction <i>(if applicable)</i> <b>Unknown</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Provided landscape architectural services for the new Business Center. This renovated building features a large open-space convocation center that can accommodate up to 1,400 persons for concerts or other events. The building also features high-tech classroom space, one dedicated computer lab, wireless technology, a tiered MBA-style classroom, a snack shop, faculty offices/work space, and easy-access parking for those who study or work in this facility.</b>		
4)	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Freed-Hardeman University Sports Complex, Henderson, TN</b>	(2) Year Completed	
		Professional Services <b>Unknown</b>	Construction <i>(if applicable)</i> <b>Unknown</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Provided master planning and landscape architectural design for a sports recreation center on a 50 acre site.</b>		
5)	(1) TITLE AND LOCATION <i>(City and State)</i> <b>MTSU Chiller Building, Murfreesboro, Tennessee</b>	(2) Year Completed	
		Professional Services <b>Unknown</b>	Construction <i>(if applicable)</i> <b>Unknown</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Provided master planning and landscape architectural design services inclusive of a 10,050 SF chiller building on the Middle Tennessee State University Campus.</b>		

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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	Professional Services On-going	Construction <i>(if applicable)</i> On-going
23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
HCA, Inc.	Fees varied by site/location.	Fees varied by site/location.

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

Following class action law suits 2 of the 3 largest private hospital owners in the country were required to remediate their campuses for ADA compliance. LEA was part of a team tasked with analyzing existing pedestrian facilities and paths of travel to existing buildings and designate remediation solution. To date, LEA has completed ADA barrier mitigation at over 160 hospital campuses encompassing more than 900 buildings. Projects have involved striping, signage installation, grading, detectable warning installation, sidewalk/asphalt re-work, accessible parking relocation, etc. Many projects involved compliance with both state and federal ADA codes.



Remediation assessments had been completed for this group of projects by others as part of Federal court proceedings. However, because of the longevity of court proceedings, most assessments were four to five years old at the start of the remediation design. Because of this, the first step for each of these sites was to perform an assessment of the campus that was up to date. Particular emphasis was put on the evaluation of facilities that had changed since the original assessment was completed. These revised assessments were completed using the same methodology proposed for the NAU campus project. A 2 foot smart level, a digital camera, and a tape measure were used to measure each accessible element evaluating each for compliance with the federal ADA Accessibility Guidelines. In addition, each area was evaluated for compliance with state and local accessibility requirements. The single largest challenge for these projects was designing remediation in a way that it could be accomplished at a facility that must be operational 24 hours a day/7 days per week.



This challenge was overcome with ingenuity and innovative design. This group of projects was completed on time and under budget and all facilities remained operational during construction. Consensus among stakeholders was achieved by gathering appropriate input from user groups throughout the design project.

Multiple projects have been completed in a sampling of the following states: Alaska, Alabama, Arkansas, California, Colorado, Florida, Georgia, Idaho, Indiana, Kansas, Kentucky, Louisiana, Mississippi, New Hampshire, Nevada, South Carolina, Tennessee, Texas, Utah, and Virginia.

Current Littlejohn staff involved included: Ross Lucas, John Hape, Ania Sieluzcka

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

<b>5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
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a. TITLE AND LOCATION <i>(City and State)</i> ASU Health Services Building Expansion & Renovations, Tempe, Arizona	b. YEAR COMPLETED	
	Professional Services 2012	Construction <i>(if applicable)</i> 2012

<b>23. PROJECT OWNER'S INFORMATION</b>		
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c. PROJECT OWNER Arizona State University (sub to Orcutt Winslow Partnership)	d. DOLLAR AMOUNT OF PROJECT \$10 Million Const. Cost \$32,555 (our Design Fee)	e. TOTAL COST OF PROJECT \$10 Million Const. Cost \$32,555 (our Design Fee)
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Originally constructed in 1954 as an 8,604 SF single story concrete infirmary and health center and subsequently in 1968 a two-story, 15,200 SF addition was constructed bringing the total square footage to 23,804 SF for the existing Health Services Building. This project included demolition of a portion of the building that was built in 1954, and adding 20,000 SF of new space. Approximately 14,500 SF of the building constructed in 1968 was fully renovated. Prior to the project, the building served as the University's primary, specialty-consult, urgent ambulatory care, clinical laboratory, radiology, pharmacy, and complementary medical wing. The new 18,000 SF addition separates urgent, specialty and primary care into distinct areas and includes a fast-track area with its own exterior access as well as adding a women's health area. It is wholly contained upon the ASU Main Campus south of University Drive adjacent to Palm Walk (a major pedestrian access way through the campus). Modifications to grading, parking, water and sewer systems were a vital part of this expansion work. The project required coordination with ASU Facilities and the City of Tempe for permits and approvals. In addition, the project is designed to achieve LEED Silver certification. All ASU Sustainable Design Guidelines are used to produce the required certification level.

Current Littlejohn staff involved included: John Kuhn, Ava Furga, Harsh Bapat, Ania Sieluzcka



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

<b>5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b>		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
ASU Biodesign Institute Phases I & II, Tempe, Arizona	Professional Services 2008	Construction <i>(if applicable)</i> 2008
<b>23. PROJECT OWNER'S INFORMATION</b>		
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Arizona State University (Sub to Gould Evans)	\$74 M Bldg A; \$78.5 M Bldg B Design Fees: \$173,670 Phase I; \$182,000 Phase II	\$74 M Bldg A; \$78.5 M Bldg B Design Fees: \$173,670 Phase I; \$182,000 Phase II

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

These were separate CMAR projects for two buildings providing high tech laboratory and office space constructed at the corner of Terrace Drive and McAllister Avenue on the ASU Main Campus in Tempe. Plans were designed to anticipate the future development of the Biodesign Corridor adjacent to this site, including creating a new gateway into ASU from Rural Road and connection to the Light Rail plaza. The Biodesign Institute was master planned as four interconnected buildings that could be constructed in phases. The first two buildings are complete, comprising nearly 350,000 SF. LEA professionals provided civil engineering, storm water pollution prevention plan, surveying, and assistance with site planning and construction plan preparation.

Current Littlejohn staff involved included: John Kuhn, Ava Furga, Harsh Bapat, Ania Sieluzcka



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

<b>5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
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b. TITLE AND LOCATION <i>(City and State)</i>  Dignity Health, West Valley Hospital, Glendale, Arizona	b. YEAR COMPLETED	
	Professional Services 2013	Construction <i>(if applicable)</i> 2013

<b>23. PROJECT OWNER'S INFORMATION</b>		
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c. PROJECT OWNER Dignity Health	d. DOLLAR AMOUNT OF PROJECT \$972,000 Design Fee	e. TOTAL COST OF PROJECT \$972,000 Design Fee
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i. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Littlejohn Engineering Associates assisted Dignity Health with acquisition of a 35 acre proposed medical campus. Work included coordination of ALTA and topographic surveys, review of title commitments and resolution of problematic title exceptions and providing traffic, geotechnical and environmental evaluations of the site. Assisted the owner in defining the actual parcel to be acquired and worked with the City to develop street geometrics that met the traffic needs for the entire 110 acre parcel as well as the master planning of water, sewer and drainage facilities based on the ultimate build out of the entire site. Also assisted the client with significant aspects of the purchase agreement document, covenants conditions and restrictions, design guidelines and a development agreement for public infrastructure. Various infrastructure packages were designed for all on and off site improvements required to serve the overall development and the phase one hospital. This effort was performed under a design build contract in which we are working along with the architect and other engineering consultants under a construction contractor who is acting as the designer builder.



Off site improvements included planning and design of a Collector Loop Road connecting Glendale Avenue to 99th Avenue and arterial street improvements to 99th Avenue adjacent to the site. The Loop Road and 99th Avenue improvements include the design of new sewer and water mains and laterals, coordination for dry utilities, paving plans with new curb, gutter and sidewalk, drainage structures and retention, SRP and RID irrigation modifications, street lighting, traffic signal conduits and foundations and miscellaneous other features. The project also included coordination of a land exchange for a USA fee title parcel. Littlejohn performed planning for the full street improvements but is completing the design for the west half-street improvements only.



Current Littlejohn staff involved included: Ross Lucas, John Kuhn, Ava Furga, Tom Lavalette, Harsh Bapat, Ania Sieluzcka

**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		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
c. TITLE AND LOCATION (City and State)	b. YEAR COMPLETED	
Phoenix Children's Hospital, Avondale, Arizona	Professional Services 2013	Construction (if applicable) 2013

23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Phoenix Children's Hospital	\$1 Million	\$1 Million

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

The 12.6 acre site is located at the northeast corner of Avondale Boulevard and McDowell Road and lies within the City of Avondale's developing medical corridor. At total build-out, the facility will span over 167,000 square feet in size. The Phoenix Children's Hospital Clinic kicks off the overall campus development.

The 36,000 square foot clinic is the first phase and contains a one-story building for pediatric and urgent care needs. Additionally, a two-story medical office building, approximately 36,000 square feet in area is also planned to be constructed with the clinic. Future plans are also in store for a 48-bed, two-story, 96,000 square foot hospital.

As part of a site engineering project, Littlejohn completed off site roadway improvements to reconstruct Avondale Boulevard and McDowell Road in the City of Avondale. Improvements include roadway modifications to achieve a full roadway cross section with curb, gutter, sidewalks, bus bays and raised medians. Littlejohn performed traffic engineering, roadway and intersection design, signing and striping plans.

Current Littlejohn staff involved included: Ross Lucas, John Kuhn, Ava Furga, Harsh Bapat, Ania Sieluzcka



**6. ADDITIONAL INFORMATION**

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

**FIRM PROFILE**

**LITTLEJOHN ENGINEERING ASSOCIATES**

- Public Works/  
Municipal Engineering**
- Civil Engineering**
- Landscape Architecture/  
Urban Planning**
- Transportation Engineering**
- Environmental Services**
- Land Surveying**
- Health & Safety**
- Economic Development/  
Community Planning**

Since its founding in 1989, Littlejohn Engineering Associates, Inc. (LEA) has become distinguished among our peers by our commitment to service, quality and innovation in the engineering, planning, and environmental consulting fields. Over the years, LEA has maintained a solid record of growth, while expanding our services in order to serve a growing client base. The firm is located in Nashville, Tennessee with offices in Phoenix, Arizona; Chattanooga, Knoxville, and the Tri-Cities area of Tennessee; Decatur and Huntsville, and Alabama; Orlando, Florida.

In 2011, LEA merged with the Phoenix civil engineering firm Evans, Kuhn & Associates (EKA). For more than three decades, EKA performed civil engineering design services for some of the most notable projects in Arizona, including America West Arena, Phoenix City Hall and the Camelback Esplanade. With a 35-year legacy in Arizona, LEA brings a tremendous history of local civil engineering planning and design services that bring value to our prospective clients.

The 120 person firm is led by thirty-four project managers representing a wide range of technical skills and diverse project experience. Our professionals have years of hands-on project management experience ranging from large multimillion dollar developments to smaller, locally significant projects. We are registered in 42 states and provide site planning, development and environmental services throughout the country.

We are committed to the principles of sustainable development in all our practices and have eight (8) LEED accredited professionals on staff. We routinely assist developers and community leaders to effectively plan for smart growth and to deliver sustainable solutions in an efficient and responsive manner.

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

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

Signature: *H. Ross Lucas* Date: 12/12/2013

Name: H. Ross Lucas Title: Southwest Region Manager