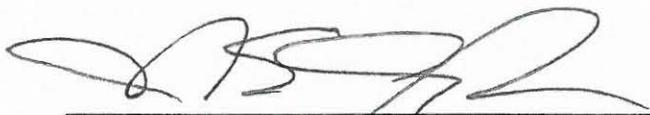


	Offer and Acceptance		State of Arizona State Procurement Office 100 N. 15 th Ave. Suite 201 Phoenix, AZ 85007
	SOLICITATION NO.: ADSP016-00005912 Request for Qualifications: 2016 Annual Professional Services List		PAGE 1
	Offeror: <u>Engineered With Layton</u>		OF 1

OFFER

TO THE STATE OF ARIZONA:

The Undersigned hereby offers and agrees to furnish the material, service or construction in compliance with all terms, conditions, specifications and amendments in the Solicitation and any written exceptions in the offer. Signature also certifies Small Business status.

<u>Engineered With Layton</u> <small>Company Name</small>	 <small>Signature of Person Authorized to Sign Offer</small>
<u>1490 S. Price Rd # 215</u> <small>Address</small>	<u>N. Emery Layton</u> <small>Printed Name</small>
<u>Chandler</u> <u>AZ</u> <u>85286</u> <small>City State Zip</small>	<u>Owner</u> <small>Title</small>
<u>emery@engwithlayton.com</u> <small>Contact Email Address</small>	Phone: <u>480.244.3355</u> Fax: <u>N/A</u>

By signature in the Offer section above, the Offeror certifies:

1. The submission of the Offer did not involve collusion or other anticompetitive practices.
2. The Offeror shall not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465.
3. The Offeror has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer. Failure to provide a valid signature affirming the stipulations required by this clause shall result in rejection of the offer. Signing the offer with a false statement shall void the offer, any resulting contract and may be subject to legal remedies provided by law.
4. The Offeror certifies that the above referenced organization IS / IS NOT a small business with less than 100 employees or has gross revenues of \$4 million or less.

ACCEPTANCE OF OFFER

The Offer is hereby accepted.

The Contractor is now bound to sell the materials or services listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc., and the Contractor's Offer as accepted by the State.

This Contract shall henceforth be referred to as Contract No. ADSP016-00005912

The effective date of the Contract is March 1, 2016

The Contractor is cautioned not to commence any billable work or to provide any material or service under this contract until Contractor receives purchase order, contract release document or written notice to proceed.

State of Arizona
 Awarded this 29 day of February 2016


 Procurement Officer



ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

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Department of Administration
100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007

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

1. **Annual Request for Qualifications**

a. FIRM (OR BRANCH OFFICE) NAME:	Engineered With Layton, PLC
b. FIRM (OR BRANCH OFFICE) STREET:	1490 S. Price Road, Suite 215
c. FIRM (OR BRANCH OFFICE) CITY:	Chandler
d. FIRM (OR BRANCH OFFICE) STATE:	AZ
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85286

f. YEAR ESTABLISHED:	2007
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(g1). OWNERSHIP - TYPE:	Professional Limited Liability Company (PLC)
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	Service-Disabled Veteran Owned Small Business , Small Business, Veteran Owned Business

h. POINT OF CONTACT NAME AND TITLE:	N. Emery Layton, Owner
i. POINT OF CONTACT TELEPHONE NUMBER:	480-616-0011
j. POINT OF CONTACT E-MAIL ADDRESS:	emery@engwlayton.com

k. NAME OF FIRM (If block 1a is a branch office):	N/A
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ATTACHMENT I – General Qualifications
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
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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)
4	Area Master Planning	1
4	Chemical Processing & Storage	1
9	Codes/Standards/Ordinances	1
20	Construction Management	2
2	Energy / Water Auditing Savings	1
3	Environmental Impact Studies, Assessments or Statements	1
5	Electrical Studies & Design	2
5	Hospital and Medical Facilities	4
1	Industrial Buildings; Manufacturing Plants	1
1	Industrial Waste Treatment	1
8	Irrigation; Drainage	1
7	Pipelines	2
5	Sewage Collection, Treatment and Disposal	1
4	Storm Water Handling and Facilities	1
33	Water Supply; Treatment and Distribution	4
3	Waste Water Treatment Facility	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 N. Emery Layton, PE, MLT	b. ROLE IN THIS CONTRACT Environmental Engineer, Water Resource Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM 8

d. LOCATION *(City and State)*
Chandler, AZ

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. / Environmental Engineering / Louisiana State University	f. PROFESSIONAL TRAINING - REGISTRATIONS Licensed Professional Engineer (Environmental), Arizona #45690
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Mr. Layton has over 14 years of experience as a regulatory, utility, and consulting engineer. His consulting experience includes design, value engineering design, construction management, on-site engineering, master-planning, modeling and permitting of various commercial, industrial and residential projects. Mr. Layton also served as a State of Louisiana regulatory engineer from 2001-2004. In addition to his engineering experience, Mr. Layton is a U.S. Air Force veteran.

Professional Orgs: Water Environment Federation; Society of Military Engineers - President, Phoenix Post; Arizona Rural Water Association; Pinal Partnership - Water Resource Committee Vice Chairman

The Phoenix Business Journal listed EWL #18 for the AZ Veteran Owned Business List, published 6 Nov 2015.

H. RELEVANT PROJECTS		
1.	(1) TITLE AND LOCATION <i>(City and State)</i> Buckeye Airport Well #2 Arsenic Removal System; Buckeye, AZ	(2) YEAR COMPLETED Professional Services 2014-2015 Construction (if applicable) 2015-2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Served as the Engineer of Record, Project Manager, Construction Manager and Construction Inspector to perform engineering services for the design, permitting and installation of an arsenic removal system for the City of Buckeye at the Buckeye Municipal Airport. Design includes pump to waste system which purges the initial well water into storage tanks for reuse as site dust control. Truck pump fill station included as part of the overall project design. Currently under contract and performing construction services. Providing funding agency certification services to support the City Financial Department.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Ashbrook Wash Waterline Replacement; Fountain Hills, AZ	(2) YEAR COMPLETED Professional Services 2014-2015 Construction (if applicable) 2015-2016
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as the Engineer of Record, Project Manager and Construction Manager to design and permit waterline replacement and relocation for two separate waterlines. Work was coordinated between multiple agencies including Maricopa County Environmental Services Department, Maricopa Flood Control District and numerous public and private utilities on a strict timeline.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> George E. Wahlen Veterans Affairs Medical Center, Emergency Department Urgent Care Clinic Addition; Salt Lake City, UT	(2) YEAR COMPLETED Professional Services 2015 Construction (if applicable) 2016-2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as the Principle-In-Charge and Civil Engineer to produce complete construction documents to relocate the Salt Lake City VA's Emergency Department/Urgent Care Clinic (ED/UCC). The project design includes 18,000 SF of new construction, 13,000 SF of demolition to relocate the ED/UCC and 10,200 SF for relocation of the hospital administration, library and other miscellaneous smaller functions. Project is being designed targeted for LEED Silver certification and will make the necessary expansion and energy-efficiency upgrades to be compliant with current VA energy standards to system supporting the new ED/UCC.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Mayer Waterline Replacement Projects, Mayer Domestic Water Improvement District; Mayer, AZ	(2) YEAR COMPLETED Professional Services 2012-2015 Construction (if applicable) 2012-2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Serving as the District Engineer, Engineer of Record, Project Manager, Construction Manager & Construction Inspector to perform engineering services for several waterline replacement projects. Contracted to engineer 3 Phases multi-phase project. Performed design, permitting, and construction services for approximately 2,400 LF of waterline replacement along Main Street. Was awarded the Jefferson Street project encompassing 5,200 LF of new waterline for the district. These waterline replacement projects are necessary to replace antiquated waterlines within the community and provide larger diameter mains ensuring increased pressure and flow capabilities.	<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 Steven Townsend, PE	b. ROLE IN THIS CONTRACT Civil Engineer, Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 10	2. WITH CURRENT FIRM 1
d. LOCATION (<i>City and State</i>) Chandler, AZ			
e. EDUCATION (<i>DEGREE AND SPECIALIZATION</i>) B.S. / University of Arizona / Civil Engineering – Water Resources and Structural Design		f. PROFESSIONAL TRAINING - REGISTRATIONS Licensed Professional Engineer (Civil Water Resources/Environmental), Arizona #55201; HAZWOPER 40 – OSHA; Confined Space Entry – OSHA CSE for General Industry	

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

Mr. Townsend has valuable experience in developing and designing water filtration systems for the municipal, industrial, and petroleum industries. Mr. Townsend has experience in creating storm water management plans; conducting accurate hydraulic and hydrologic analysis; designing and implementing waste-oil recovery systems, hydrocarbon capture systems, water treatment systems and methods of water reuse; and developing methods to improve water quality and quantity.

- American Society of Civil Engineers

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (<i>City and State</i>) JRC Goodyear GAC-04R & JRC Goodyear WWTP Projects; Goodyear, AZ	(2) YEAR COMPLETED	
		Professional Services 2015-2016	Construction (if applicable) 2015-2016
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Serving as the Engineer of Record, Project Manager and Construction Inspector for the design and construction of a new replacement well and water campus site at the City of Goodyear Airpark site. Design includes an Arsenic Removal System and water transmission backbone. Consulting services during oversight of the domestic sewage WWTP rehabilitation project also included within the scope of work.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION (<i>City and State</i>) Talon Air Pad Expansion for Republic Airport Farmingdale, NY	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014-2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Expansion of a 4.1 acre aircraft parking ramp for private aircraft with fueling farm. Required Environmental Impact Statement (EIS) for the release of hydrocarbons, noise pollution, and infiltration systems. Drainage design included an underground infiltration system with LNAPL capture system and fuel farm OWS design with emergency shutoff for SWPPP and dispensing permit authority. Parking ramp rated under FAA Advisory Circular 150 design specifications with infiltration requirements permitted under NYCDES. System cost \$5.4M including fueling farm. Primary Project Engineer - Drainage	<input type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION (<i>City and State</i>) MacArthur Airport Glycol Treatment System Long Island, NY	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014-2015
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Designed a glycol treatment aeration bed and storm water infiltration system to handle season runoff from airport operations of 500 GPM. Aeration bed included three 25 HP blower system for biological digesters contained within aeration bed for the consumption of glycol (sugars) prior to discharge. Inclusive is a 5-year service agreement to manage the Discharge Monitoring Report for the multiple outfalls permitted under the NYSDEC's SPDES requirements and to maintain system performance to keep effluent quality below stated MCLs. System cost of \$800K. Water Design Engineer/Facility Manager and Trainer	<input type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION (<i>City and State</i>) Dilcon Community School Arsenic Treatment Winslow, AZ	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) Present
	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Arsenic Treatment System permitted under the Navajo Nation EPA for a community school with multiple wells supplying 42 GPM of drinking water to the live-in students and teachers of the school. Designed skid mounted system with pH adjust, chlorination, filtration, ion exchange cartridge system and booster pump. System cost \$89K. Engineer of Record – Design Primary	<input type="checkbox"/> Check if project performed with current firm	



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

a. NAME Truman Henard, Jr., PhD, MLE, LEED AP	b. ROLE IN THIS CONTRACT Electrical Engineer, Construction Manager	c. YEARS EXPERIENCE	
		1. TOTAL 40	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> Chandler, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Ph.D. / Electrical Engineering / LaSalle University M.S. / Electrical Engineering / LaSalle University B.S. / Electrical Engineering / Purdue University		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Professional Engineer in 23 states including Arizona, #21160 LEED 2.2 Accredited Professional (AP); Certified Master Electrician; EPA Certified – Asbestos & Lead Inspector/Management Planning Contractor; Supervisor & Project Abatement Designer under Federal EPA Guidelines	

g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*
 Dr. Henard has an excellent ability to evaluate field related problems, analyze options and determine appropriate solutions necessary to achieve required results with quick reaction time.

- National Society of Professional Engineers (NSPE)
- Institute of Electrical and Electronic Engineers (IEEE)
- Society of American Military Engineers (SAME)

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> George E. Wahlen Veterans Affairs Medical Center Patient Rehabilitation and Prosthetics Expansion Project; Salt Lake City, UT	(2) YEAR COMPLETED	
		Professional Services 2015	Construction (if applicable) 2016-2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Dr. Henard served as the Project Manager/Electrical Engineer in Charge of the entire A/E design team to produce complete construction documents to build a new second floor prosthetics/rehab expansion to the main rehab wing of Building B.01. The 23, 443 SF expansion to an existing building under construction that included provisions for ortho/neuro clinics to accommodate increased demands on prosthetics and special ortho/neuro/holistic clinics. The expansion will require an existing utility corridor to be removed and relocated; the team is addressing the replacement and expansion of utility systems necessary to make the remodeled space energy efficient and meet blast protection requirements by current VA standards.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> George E. Wahlen Veterans Affairs Medical Center MRI/Radiology Addition, Building B.01 Phase I and II; Salt Lake City, UT	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Phase I involved the expansion to B.01 to accommodate new MRI scanner and relocation of existing CT scanner to new space. Involved new infill building. Designed with MRI manufacturer. Designed associated lighting to current code and tie-in to existing lighting controls, fire alarm, clinical call system and security. Phase II involved the addition to Building B.01 for continuing expansion of Radiology Department involved new addition of new CT scanner, decommissioning/removal of existing CT scanner to make way for MRI areas. Phase II involved new building, which infilled remaining courtyard area. Designed electrical service distribution for new space, equipment/supporting equipment. Coordinated with MRI/CT manufacturer. Design on lighting controls, fire alarm, clinical call system, security.	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> George E. Wahlen Veterans Affairs Medical Center Critical Systems Study & Design; Salt Lake City, UT	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical Engineer managing the study and design to correct loading deficiencies to the essential emergency electrical distribution systems of the Medical Center Campus. The work involved the detailed analysis of large portions of the existing critical, life safety and equipment emergency distribution systems while the hospital was in continued operation. Results from the study provided recommendations and anticipated construction costs for project scopes that remedied the Code and Load issues. It also analyzed loading issues with all essential emergency electrical distribution systems that may have contributed to loading issues.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i> George E. Wahlen Veterans Affairs Medical Center Primary Electrical Radial Replacement Salt Lake City, UT	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2015
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Electrical Engineer to provide design recommendations and staged construction segment templates for the replacement of the existing radial distribution system at the Medical Center Campus. The project required detailed site coordination of all existing utilities currently underground in one of the most densely populated underground utility areas of the campus. Worked closely with VA Engineering and Maintenance Staff to evaluate each known system in place to ensure the construction documents detailed the complexity of the excavation required to help avoid the potential of Contractor requests for changes.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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100 North 15th Avenue, Suite 201
Phoenix, Arizona 85007**

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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Ashbrook Wash Waterline Replacements, EPCOR Water, Fountain Hills, AZ	PROFESSIONAL SERVICES 2014-2015	CONSTRUCTION <i>(If applicable)</i> 2015-2016

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER EPCOR Water	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT Design: \$19,100 CA: \$7,230	e. TOTAL COST OF PROJECT Design: \$16,607 CA: \$3,499 (ongoing) Construction: \$121,117.73
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- f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*
Working as a consultant for EPCOR Water, a water utility company that serves most of the northern Phoenix area, Engineered With Layton (EWL) was contracted for a waterline relocation design project for two separate waterlines that cross the Ashbrook Wash in Fountain Hills, AZ. The project consisted of designs of a waterline relocation to coordinate with a Maricopa County Flood Control District (FCD) box culvert improvement project.

The waterlines were located along Bayfield Dr. and Saguaro Blvd. and situated underneath existing corrugated metal pipe culverts that were in conflict with the new concrete box culvert improvements. EWL was faced with a strict timeline on this project in order to assist with other agencies' designs of the box culvert project. EWL designed the waterline projects while coordinating with EPCOR, Maricopa County FCD, Town of Fountain Hills, and Maricopa County Environmental Services Department (MCESD). EWL also assisted in getting the waterlines permitted through MCESD and helped with the bidding process. EWL is currently performing construction management oversight on behalf of EPCOR.

Size: 2-ea separate locations, ~100 LF each

Role of Firm: Civil Engineer, Utility Design / Relocation, Bidding Services, Construction Management, Permitting



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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Arsenic Masterplan, Treatment & Storage Tank Design, Waterline Design Services, WIFA Grant Study 2014 (Well study, Energy Efficiency & SCADA); Mayer, AZ	PROFESSIONAL SERVICES 2012 - Present	CONSTRUCTION <i>(If applicable)</i> 2013-Present

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Mayer Domestic Water Improvement District	\$4,664 (Arsenic Masterplan) \$77,726.00 (AS Treat & Storage Engr) \$54,233 (WL Engr)	\$373,752 (AS Treat & Storage Const) \$416,100 (Waterline Const)

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

Our Firm has an ongoing partnership with Mayer DWID and serves as the District Engineer on several studies, investigations and Capital Improvement design projects to rehabilitate an aged and failing water utility. We have performed infrastructure planning, design and construction services. Our Firm has completed several projects, including the following:

- Mayer Arsenic Master Plan – Study to determine best technology and design for 2-ear wellhead system
- Arsenic system and new 200,000-gallon storage tank design, permitting, bidding and CM services
- Project funding analysis, legal coordination and negotiations with ADWR, bid specs and bid tabulations
- Several annual waterline CIP replacement projects (approximately 7,500-lf) completed to replace 2, 3, and 4-inch historical waterlines with a new 6-inch distribution network
- Grant proposal writing, award coordination with WIFA project management - **\$34, 816 WIFA Match**

Several other operational and maintenance on call duties, emergency supply investigations, aquifer capacity investigations, well logging studies, system capacity development recommendations, conservation plan development, well pump analysis and other general engineering analysis duties

Role of Firm: Master Planning, Arsenic Study, Arsenic Treatment, Water Treatment, CIP Project, Project Coordination, Construction Manager, Construction Inspections, Cost Estimating, Permitting



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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>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
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g. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



Engineered With Layton (EWL) was awarded this budgeted \$8,968,000 (construction) contract as the Prime A/E to manage the entire design team to produce complete construction documents to build a new second floor prosthetics/rehab expansion to the main rehab wing of Building B.01. The expansion totals 23,443 SF with provisions for ortho/neuro clinics to accommodate increased demands on prosthetics and special ortho/neuro/holistic clinics. The expansion will be partially constructed on a currently vacant parcel of the Salt Lake VAMC and will require an existing utility corridor to be removed and relocated along with a major second floor addition. The EWL team is addressing the replacement and expansion of utility and mechanical systems necessary to make the remodeled space energy efficient by current VA standards.

This project showcases the EWL's understanding of the VA's architectural requirements and also demonstrates an in-depth knowledge of the campus systems, utilities, architectural character, and a successful application of specialized healthcare planning and design to ensure continuity and fulfillment of the ever improving SLCVAMC for higher quality patient experiences.

Contract Cost: \$988,194
 Current Contract Value: \$988,194
 Contract Period of performance: 1/9/2014- 12/22/14
 Value of work provided by EWL Team: \$790,956



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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Department of Veterans Affairs George E. Wahlen Medical Center Lock Out Tag Out (LOTO) Study, Report, and Training, Salt Lake City, UT	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)



Engineered With Layton (EWL) was the Prime Contractor managing the entire engineering team's study of the George E. Wahlen Veterans Affairs Medical Center Campus Lock Out Tag Out (LOTO) Procedures. EWL first evaluated the Salt Lake Engineering Memorandum 138-ENG-40 covering the Safety Officer's interpretation of OSHA 29 CFR 1910.147 for the Control of Hazardous Energy. The study then streamlined the existing Safety Memorandum and modified the VA's existing machine-specific LOTO procedure template. Following the study, a report was provided on how to better comply with OSHA code requirements and VA standards. The general template lock out tag out procedures were subsequently modified and then used as a guide to generate machine-specific procedures for individual units of electrical, mechanical, and complex medical equipment.

The project required an inventory analysis of all existing facility equipment (over 20,000 pieces of equipment) and a determination of the most critical units which needed specific site surveys (230 pieces of equipment) including complicated air-handling systems, chilled water pumps, automatic transfer switches, and a wide variety of specialized medical equipment. The information gathered was compiled into individually machine specific documents that were attached to the equipment or hung on the wall by EWL personnel allowing anyone in the vicinity of the equipment to quickly and easily understand the procedures to minimize the hazards when working in, on, and around the equipment. EWL personnel affixed Hazard and Warning Labels on each piece of equipment. The finished document outlined the appropriate LOTO procedure for each specific piece of equipment and provided efficient and safe instructions, ensuring the potential of personal injury was minimized and the procedures followed were in compliance with OSHA 29 CFR 1910.147.



The final portion of the project created a comprehensive employee training program, including all training materials, and provided initial VA employee training for the authorized and affected personnel. The final portion of the study also included the organization and delivery of the appropriate material to the VA so in-house personnel can self-perform training annually and meet OSHA requirements. The importance of this project to the VA was to ensure the LOTO program was OSHA compliant, and would pass the scrutiny of OSHA Inspection Personnel and VA Internal Audits.



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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.)

Engineered With Layton, PLC (EWL) was founded in 2007 as a civil, environmental and sanitary engineering firm, expanding to include electrical engineering. The firm has grown rapidly throughout Arizona providing value-driven engineering to private, municipal and industrial customers.

EWL specializes in comprehensive industry-focused engineering and architecture planning services, design, project management, permitting, construction services, building commissioning and assisting clients in securing project construction funding.

We are recognized for delivering solutions with honesty, integrity, competitive pricing and client involvement in our primary practice areas of civil engineering, environmental engineering, electrical engineering and water resource solutions. EWL is your engineer for anything water. Our extensive knowledge in water resources, including regulatory and implementation, is an asset to our clients. Annually, we complete projects for small water lines to treatment plant designs.

As a small firm, we are able to be at the forefront of technology by adjusting our design means and methods to match the ever changing regulatory structures. We are invested in establishing long-term relationships with teaming partners, owners and vendors. Our engineers operate in a culture where they are involved in every component of the design process with the ability to customize designs to adopt the best solution for the client.



www.engineeredwithlayton.com

Engineered With Layton, PLC is committed to excellence and service beyond self on our clients projects. **EWL** is a certified Service Disabled Veteran Owned Small Business Company as certified by the US Department of Veterans Affairs. Please click the CVE Seal above to learn more about **EWL**.



ATTACHMENT I – General Qualifications

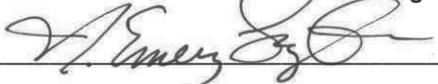
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP016-00005912

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

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:	92.4%
b. Percentage of Total Work Attributable to Non-Government Work:	7.6%

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

Signature:  Date: 21 Dec 2015

Name: N. Emery Layton, PE Title: Owner