



Request for Qualifications
 Solicitation No.
ADSP018-00007887
 Description:
2018 Professional Services List

Arizona Department of
 Administration
State Procurement Office
 100 N 15th Ave., Suite 201
 Phoenix, AZ 85007

Offer Forms
 (Attachments)

Date: [January 8, 2018](#)

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Attachment 1
Offer and Acceptance Form

SUBMISSION OF OFFER: Undersigned hereby offers and agrees to provide qualifications for **2018 Annual Professional Services List** in compliance with the Solicitation indicated above and our Offer indicated by the latest dated version below:

Initial Offer:	1.	01/23/2018	<i>GC</i>	
	date		initial	

Sunrise Engineering, Inc.

Offeror company name
 2152 South Vineyard, Suite 123
 Address
 Mesa, AZ 85210
 City | State | ZIP
 87-0395347
 Federal tax identifier (EIN or SSN)

Geoffrey S. Child
 Signature of person authorized to sign Offer
GC
 Initials
 Geoffrey S. Child, PE, Principal
 Printed name and title
 Geoffrey S. Child, PE, Principal
 Contact name and title
 gchild@sunrise-eng.com 480.768.8600
 Contact Email Address Contact phone number

CERTIFICATION: By signature in the above, Offeror certifies that it:

- will not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, [Arizona] State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465;
- 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 will result in rejection of the Offer. Signing the Offer with a false statement will void the Offer, any resulting contract, and may be subject to legal penalties under law;
- complies with A.R.S. § 41-3532 when offering electronics or information technology products, services, or maintenance; and
- is not debarred from, or otherwise prohibited from participating in any contract awarded by federal, state, or local government.

ACCEPTANCE OF OFFER: State hereby accepts the initial Offer, Revised Offer, or Best and Final Offer identified by number **ADSP018-00007887** at the top of this form, and which was dated 1/23/18 (the Accepted Offer). Offeror is now bound (as Contractor) to carry out the

work under the attached Contract, of which the Accepted Offer forms a part. Contractor is cautioned not to commence any billable work or to provide any material or perform any service under the Contract until Contractor receives the applicable Order or written notice to proceed from Procurement Officer.

State's Contract No. is: **ADSP018-00007887** The effective date of the Contract: **1/30/18** **1/30/19** Contract awarded: **1/30/2018**

Sean Wulfekuhle
 Procurement Officer signature

Sean Wulfekuhle
 Procurement Officer printed name

Contract qualification award can be viewed at <https://spo.az.gov/procurement-services/professional-services>



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Attachment 2-A
Experience and Capacity

STATE MAY DETERMINE YOUR SUBMITTAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

DEFINITIONS

Branch Office: A geographically distinct place of business or subsidiary office of a firm that has a key role on the team.

Discipline: Primary technical capabilities of key personnel, as evidenced by academic degree, professional registration, certification, and/or extensive experience.

Key Personnel: Individuals who will have major contract responsibilities and/or provide unusual or unique expertise.

Parent Company. Identify controlling company name in this field if the Firm is owned or controlled by another company.

Structure: How a business is organized to accomplish its objectives (ie, Sole Proprietor, Limited Liability Company, Cooperative, Corporation, Partnership, S Corporation). [See chart below for example:](#)

Entity Type	Structure
Corporation	S Corporation or C Corporation, or Professional Corporation
Cooperative	Cooperative
Partnership	General Partnership, Limited Partnership, Limited Liability Partnership, Limited Liability Limited Partnership
Sole Proprietor	Sole Proprietor
Limited Liability Company	Limited Liability Company or Professional Limited Liability Company

1.0 Five (5) Example Projects

List no more than five (5) example projects which best illustrate firm’s qualification for this contract in the chart provided below. Select projects where multiple team members worked together, if possible, that demonstrate the team’s capability to perform work similar to that required for this qualifications list contract. (NOTE: The integrity of the chart table columns shall remain unchanged, however the rows for each project may be expanded by the Offeror to accommodate the information).

- a. Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
- b. Enter the year completed of the professional services (such as planning, engineering study, or design), and/or the year completed if construction. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block f).
- c. Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual.
- d. Provide the original budget or not to exceed dollar amount for the project.
- e. Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage complete and whether this project will be on budget, over or under budget.
- f. Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss the relevance of the example project to this contract.



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Title and Location of Project	Design Completion Year	Construction Completion Year	Project Owner	Project Original Budget (or not to exceed amount)	Total Cost of the Project	Brief Description of Project
Brentwood Water Main Replacement	2017	2018 (Estimated)	City of Tempe	\$308,546	\$308,546	This project included the design for waterline replacements in the Tempe Brentwood Neighborhood; it replaced approximately 25,500 feet of aging cast iron pipe water mains with new ductile iron pipe, valves, hydrants and meters within the project area to the public street. Because the old water mains were being abandoned, maintaining water service with minimal interruption to end users was a priority that Sunrise coordinated with the City staff during the design phase. In addition, our team developed new alignments for the replacement pipelines to minimize surface restoration needs for budget purposes and to mitigate traffic disturbance to the neighborhood.
Gila Bend Highway Sewer Interceptor	2012	2013	City of Casa Grande	\$188,000	\$188,000	The City of Casa Grande required an addition to their sewer collection system to facilitate development of two new large-flow industrial sewer users. This sewer interceptor design included a new 4,500-foot long, 24-inch gravity sewer interceptor on Gila Bend Highway from Burris Road to an existing lift station near Adams Avenue. The sewer installation required the crossing of two open canals, an active railroad spur and a 20-inch high pressure gas main. The casings were approximately 250 feet in length and were "hand tunneled" because of soil conditions.
Van Buren Street Drainage Design Concept Reports Phase I	2010	N/A (On hold due to lack of funding)	Flood Control District of Maricopa County	\$197,900	\$197,900	Sunrise Engineering was contracted by the Flood Control District of Maricopa County to complete a Design Concept Report for a storm water conveyance structure or channel along Van Buren Street in Avondale Arizona. The purpose of the project was to look at ways to alleviate flooding at Van Buren and 99th Avenue and if possible reduce retention requirements for the Avondale City Center project. The project analyzed existing and future conditions and recommended alternatives to convey flow along Van Buren Street to the Agua Fria River. The study went on to select one of three alternatives for which the conceptual design documents were to be created. The City ultimately decided a 100-yr sized option was not within budget. Project tasks included: collection and compilation of existing utility and general base mapping information from several sources; manipulation and analysis of the existing hydrology models and rainfall data for the project; and creation and analysis of existing and future hydrologic and hydrograph models. Additional project tasks included the preparation of numerous memorandums and reports including



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						Hydrology Technical Memo, Data Collection Memo, and Preliminary Alternatives Memo. Furthermore the design team created exhibits for each of three alternative design concepts and 100 scale Conceptual Design Plan and Profile drawings for the selected design alternative. The design team is currently scoping out a phase 2 study to look at 10-year event sized facilities in hopes of bringing costs down to manageable levels.
University Drive Reconstruction & Water Main with New Right Turn Lane	2015	2017	City of Mesa	\$193,000	\$221,000 (Owner Requested Changes)	The City of Mesa hired Sunrise to prepare roadway reconstruction and water main documents, for 1.6 miles of University Drive from Sossaman Road to ADOT Right-of-Way (650' east of 88th Street). The scope of work included the addition of a right-turn lane from northbound Sossaman Road to eastbound University Drive, traffic signal and ped push button relocations, new street lighting, and ITS conduits. Additional design tasks included replacing/abandoning existing water mains with new 8-inch and 12-inch DIP water mains along a new alignment. Sunrise also obtained the ATC (Approval to Construct) from MCESD (Maricopa County Environmental Services Department).
Casa Grande Citywide Survey Control Network	2012	N/A	City of Casa Grande	\$23,120	\$23,120	The City of Casa Grande communicated to Sunrise Engineering (SEI) the need to establish benchmarks throughout the City. Sunrise Engineering proposed an economic solution to this need. Sunrise Engineering was contracted to establish a Citywide Vertical Datum. The City of Casa Grande requested 60 Benchmarks on a 1 mile grid within the City limits. Greg Smith, the City engineer, informed Sunrise that the City had never established City benchmarks or an approved vertical datum. Using Trimble GPS Receivers, SEI survey crews served/measured the positions of 67 existing monuments at the direction of Terry McKeon PE (City Engineer). The observations were post processed utilizing the NGS service called "OPUS". The Vertical Datum for the benchmarks is The North American Vertical Datum of 1988 (NAVD88). 7 National Geodetic Survey (NGS) monuments were utilized as control and redundant RTK observations were performed for each of the benchmarks established.

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Attachment 2-A
Experience and Capacity

STATE MAY DETERMINE YOUR SUBMITTAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

2.0 EMPLOYEES BY DISCIPLINE

Aeronautical Engineer	Electrical Engineer	Mechanical Engineer
Agricultural Engineer	Environmental Engineer	Metallurgical Engineer
Archeologist	Environmental Scientist	Mining Engineer
Architect	Fire Protection Engineer	Nuclear Engineer
Architectural Engineering	Geodetic Surveyor	Petroleum Engineer
Biologist	Geographic Information System Specialist	Photogrammetrist
CADD Technician	Geological Engineer	Project Manager
Chemical Engineer	Geologist	Sanitary Engineer
Civil Engineer	Hydrographic Surveyor	Soils Engineer
Construction Manager	Hydraulic Engineer	Structural Engineer
Construction Inspector	Hydrologist	Technician/Analyst
Control Systems Engineer	Industrial Engineer	Transportation Engineer
Cost Engineer/Estimator	Landscape Architect	Water Resources Engineer

Enter requested information in the chart provided below:

- a. Select disciplines from the List of Disciplines. For employees that do not qualify for any of the disciplines, select "Other".
- b. Each person can be counted only twice; once for his/her primary function and once for his/her secondary function. Primary and secondary functions should be indicated by including a "P" or an "S" in column b after the Description Title is given.
- c-d. If the form is completed for a firm (including all branch offices), enter the number of employees by disciplines in column c. If the form is completed for a branch office, enter the number of employees by discipline in column d and for the firm in column c. (NOTE: The Offeror may insert or delete rows in the existing Employees by Discipline chart table on page six (6) as necessary to complete the requirements for Question 2).



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EXAMPLE:

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees Firm	d. No. of Employees Branch
Example: Architect	P	138	50-Yuma Branch 50-Tempe Branch 38 – Phoenix Branch
Example: Architect	S	20	5-Yuma Branch 5-Tempe Branch 5 – Phoenix Branch 5- Tucson Branch

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees Firm	d. No. of Employees Branch
CADD Technician	P	22	2
Civil Engineer	P	49	7
Construction Inspector	P	18	5
Electrical Engineer	P	18	0
Environmental Engineer	P	1	0
Geodetic Surveyor	P	17	8
Geographic Information System Specialist	P	16	0
Hydraulic Engineer	P	1	0
Project Manager	P	6	2
Structural Engineer	P	1	0
Technician/Analyst	P	73	8
Transportation Engineer	P	6	0
Water Resources Engineer	P	1	0
Other	P	51	5



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Total		280	37

3.0 FIRMS EXPERIENCE AND REVENUE

- a. Firm shall complete the document titled "Project Experience Number of Projects and Revenue", using same document title and upload in .pdf format only as an "Attachment" with firm's offer in ProcureAZ.

4.0 FIRMS SERVICES

- a. Firm shall complete the Excel spreadsheet titled "**2018 Professional Services List of Firms Services**" using same document title and uploaded in Excel format only as an "Attachment" with firm's offer in ProcureAZ.



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5.0 EXPERIENCE REFERENCES:

THE PRIME FIRM SHALL LIST A TOTAL OF THREE (3) CLIENT REFERENCES FOR ANY PROJECTS COMPLETED IN THE LAST YEAR BY THE FIRM (OR A BRANCH LOCATION). REFERENCES MAY BE CONTACTED BY ANY ELIGIBLE AGENCY.

1	Client Company/Address	Contact	Begin Date	End Date
	City of Mesa, PO Box 1466, Mesa 85211	Marc Ahlstrom	05/01/2015	09/30/2017
	Phone Number	Email Address		
	480.644.4622	Marc.ahlstrom@mesaaz.gov		
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).</p> <p>University Drive Reconstruction & Water Main with New Right-Turn Lane, Mesa, AZ, design fee \$193,000, Construction costs \$2.7M</p> <p>Services performed similar to those described in Solicitation</p> <p>Civil engineering, surveying, roadway design, water line design, traffic, drainage, street lighting</p>				
2	Client Company/Address	Contact	Begin Date	End Date
	City of Casa Grande	Terry McKeon	04/01/2017	12/31/2017
	Phone Number	Email Address		
	520.421.8625	tmckeon@casagrandeaz.gov		
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).</p> <p>Burriss Interceptor Sewer Analysis, Casa Grande, AZ, Original & Final design fee \$25,000, Construction costs \$N/A</p> <p>Services performed similar to those described in Solicitation</p> <p>Sewer Modeling, lift station analysis, growth projections</p>				
3	Client Company/Address	Contact	Begin Date	End Date
	City of Tempe	Mark Weber, PE	10/26/2015	05/31/2017
	Phone Number	Email Address		
	480.350.8526	Mark_weber@tempe.gov		

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List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).

Brentwood Manor & Tempe Royal Palms Waterline Replacements, Tempe, AZ, Original & Final design fee \$366,046, Construction costs \$11M.

Services performed similar to those described in Solicitation

Civil engineering, surveying, utility coordination, waterline design.

End of Attachment 2-A

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Attachment 2-B Organization Profile

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

ORGANIZATION PROFILE

The firm shall complete a separate Organizational Profile document for each branch office.

Firm Name	Sunrise Engineering, Inc.		Year established	1983
Principal address (street, city, state)	25 East 500 North, Fillmore, UT 84631-3513			
Entity type:	Corporation	Structure:	S Corporation	
Branch or Division:	Corporate HQ	Parent Company:	x	
Years the organization has conducted business in Arizona.				35
Contract Representatives to Contact				
	Name	Title	Telephone Number	E-Mail Address
1.	Mark Huntsman, PE	President & CEO	307.885.8500	mhuntsman@sunrise-eng.com
Firm Professional Registration and Certifications (INCLUDE COPY OF DOCUMENT IN OFFER)				
	Description	Issuer	Number	Expiration
1.	Arizona Board of Technical Registration	State of Arizona	11044-1	03/04/2018
2.	Arizona transaction privilege tax license or (if applicable) Arizona Corporate Commission Certificate of Good Standing	State of Arizona	F00420797	N/A

ATTACHMENT 2-B SUPPLEMENTS:

(For submission of additional Organizational Profile qualifications beyond the number of forms provided in the Offer Documents: Offeror shall copy the Organizational Profile form in its entirety and complete in a separate Document for submission with the offer or type "None" on first line if not applicable. Offeror shall title Supplement(s) with the same beginning title as named herein, number sequentially in accordance with the number of Organizational Profile forms submitting and upload with offer.)

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	Title	Document Date	No. of pages	Purpose in Offer
3.	Organization Profile Mesa Branch	01/18/2018	1	Organization Profile
4.	Organization Profile Payson Branch	01/18/2018	1	Organization Profile

(NOTE: The Offeror may insert additional rows as required).

End of Attachment 2-B

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Attachment 3-A
Method Proposal
(Method of Approach)

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

End of Attachment 3-A

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Attachment 3-B
Key Personnel Proposal

Answer all questions thoroughly in the spaces provided. **Complete this form in full for each one of the key personnel who will participate in this contract.** Insert or attach a separate resume if desired, but any attached resumes are supplemental to this form and **do not substitute resumes for this form.** Offeror shall list any resume filename within the Key Personnel Form resume section **and Attach as titled and submit with firm's offer in ProcureAZ. Resumes shall not be listed in Attachment 3-B as Supplements.**

1	Name:	Greg Potter, PE	How long with company?	25 years
	Current position in company:	Principal/Vice President	How long in position?	15 years
	Position for the Services:	Water & Sewer Team Leader	How much of time will be dedicated to the Services?	30%
	What primary functions will be assigned?	Quality Control/Quality Assurance, Client Relations, System Planning, Scope, Schedule & Budget, Public Involvement/Coordination		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Potter is an active member in the Arizona Chapters for the American Society of Civil Engineers' (ASCE), the Arizona Floodplain Management Association (AFMA) and Valley Partnership. Mr. Potter's experience includes project management, budgets, schedules, quality assurance, quality control and construction phasing, and a broad range of projects types. However, the main focus of his twenty-two year career at Sunrise Engineering has been in the study, computer modeling, master planning, engineering, and the design and construction administration of water and wastewater systems. His project water experience includes: distribution projects for new waterlines and the renovation and reconstruction of older water systems; water campus facilities including concrete and steel water storage tanks, hydro-pneumatic tanks, booster pumps and equipment buildings; membrane filtration treatment plants; well drilling and equipping; and spring development. His sewer project experience includes: collection systems, modeling, treatment, lift stations and force mains.</p>		



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<p>List person's job-related training and education:</p>	<p>EDUCATION B.S. in Civil Engineering, Arizona State University</p> <p>YEARS IN PROFESSION 25 Years in Profession, 25 Years w/Sunrise Engineering</p> <p>REGISTERED PE Arizona #35581 and Utah #266266</p> <p>MEMBERSHIPS ASCE - American Society of Civil Engineers, APWA - American Public Works Assn., AFMA - Arizona Floodplain Management Assn.</p> <p>PROFESSIONAL TRAINING PSMJ - Project Mgmt. Boot Camp, Urban Stormwater Management & Detention Pond Design, Scour Analysis for Bridge Design</p>
<p>Resume:</p>	<p>Potter_Gregory_Resume.pdf</p>



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2	Name:	Geoffrey Child	How long with company?	15 years
	Current position in company:	Principal / Engineering Manager	How long in position?	8 years
	Position for the Services:	Project Manager / Roadway Design	How much of time will be dedicated to the Services?	40%
	What primary functions will be assigned?	Client Contact, Project Management, Public Involvement, Quality Control/ Assurance		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Child received his M.S. in Construction from Arizona State University, has his B.S. in Civil Engineering from Utah State University with a focus on transportation and drainage projects. His past experience prior to joining Sunrise Engineering includes working for the Arizona Department of Transportation. Recently he has been the project manager for several drainage and roadway projects for the Cities of Mesa, Tempe, Chandler and Phoenix. These projects include over five miles of arterial roadway reconstruction for the City of Mesa. Mr. Child will serve as your main point of contact for all assigned work orders and will enroll the efforts of various discipline experts as required per assignment.</p>		



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<p>List person's job-related training and education:</p>	<p>EDUCATION M.S. in Construction, Arizona State University</p> <p>B.S. in Civil Engineering w/Minor in Spanish, Utah State University</p> <p>YEARS IN PROFESSION 19 Years in Profession, 15 Years w/Sunrise Engineering</p> <p>REGISTERED PE Arizona #41184, California #67822, Idaho #12936, Montana #18919 and Utah #375046</p> <p>MEMBERSHIPS ASCE - American Society of Civil Engineers, CI - Construction Institute (ASCE), APWA - American Public Works Assn., AFMA - Arizona Floodplain Management Assn.</p> <p>PROFESSIONAL TRAINING ACE/ASU Alternative Project Delivery Methods Training, PSMJ - Project Mgmt. Boot Camp, Saddle Island Institute - Construction Scheduling Analysis, ATTI -Field Technician, ACI - Field Testing, AFMA HEC-RAS Training</p>
<p>Resume:</p>	<p>Child_Geoffrey_Resume.pdf</p>



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3	Name:	Ricky Holston, PE, CFM, LEED AP	How long with company?	12 years
	Current position in company:	Project Manager/Principal	How long in position?	3 years
	Position for the Services:	Drainage Engineer	How much of time will be dedicated to the Services?	30%
	What primary functions will be assigned?	Modeling/Hydraulics, Pipe Design, Water Meters, Plans & Specifications		
	Describe person's experience in performing services like those that are to be assigned:	Mr. Holston received his Bachelors from San Diego State University in 2001 and is a licensed professional engineer in Arizona and California. He is both a LEED Accredited Professional and Certified Floodplain Manager, and has completed extensive training in Storm Water Pollution Prevention Planning (SWPPP). With 17 years of experience, Mr. Holston's background includes water, wastewater, storm water management, transportation, grading, drainage and site design for both public and private developments.		
	List person's job-related training and education:	<p>EDUCATION B.S. in Civil Engineering, San Diego State University</p> <p>YEARS IN PROFESSION 17 Years in Profession, 12 Years w/Sunrise Engineering</p> <p>REGISTERED PE Arizona #43301, New Mexico #20643 and California #67363</p> <p>MEMBERSHIPS ASCE - American Society of Civil Engineers, APWA - American Public Works Assn., AFMA - Arizona Floodplain Management Assn.</p> <p>PROFESSIONAL TRAINING PSMJ - Project Mgmt. Boot Camp, Stormwater Pollution & Prevention (SWPPP), AFMA HEC-RAS Training</p>		
	Resume:	Holston_Ricky_Resume.pdf		

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4	Name:	Justin Van De Graaff, PE	How long with company?	7 years
	Current position in company:	Civil Engineer	How long in position?	7 years
	Position for the Services:	Cost Estimation/Utilities Coordination	How much of time will be dedicated to the Services?	30%
	What primary functions will be assigned?	Cost Estimates, Water Meters, Constructability Review, Construction Administration, Plans & Specifications		
	Describe person's experience in performing services like those that are to be assigned:	<p>Justin Van De Graaff has had much experience leading up to his career with Sunrise Engineering. He worked in the residential side of construction, managing crews to build custom homes. He then moved on to performed commercial construction management, managing the construction of such places as Cabelas in Glendale, AZ and The Marriott Hotel Ballroom in northern Scottsdale, AZ. Justin Van De Graaff graduated with a B.S.E. in Civil Engineering from Arizona State University. Upon graduation, he held an internship as an EIT performing Commercial Land Development and Site design. He also worked under a Geotechnical Engineer as a Soils and Building Materials Inspector. He is a Professional Engineer whose work experience includes the preparation of technical reports (drainage, water, sewer, SWPPP), drafting construction documents for a wide range of projects from new water service line design to road reconstruction, utility coordination, and conducting project research both for current and up-coming jobs.</p>		
	List person's job-related training and education:	<p>EDUCATION B.S. in Civil Engineering, Arizona State University;</p> <p>YEARS IN PROFESSION 9 years in Profession, 7 years w/Sunrise Engineering</p>		
	Resume:	VanDeGraaff_Justin_Resume.pdf		



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5	Name:	Tyson Glock, PE	How long with company?	7 years
	Current position in company:	Environmental Engineer	How long in position?	7 years
	Position for the Services:	Environmental Engineer	How much of time will be dedicated to the Services?	30%
	What primary functions will be assigned?	Modeling/Hydraulics, System Planning, Engineering Support, Technical Reports, Utility Coordination		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Glock holds a Bachelor's of Science Degree in Environmental Engineering and a Masters of Engineering in Chemical Engineering with a minor in Water Resources, both from Oregon State University. He is a Registered Professional Engineer and has been employed with Sunrise Engineering for the past five years. Prior to Sunrise, Mr. Glock spent four years gathering experience in the industry as an Environmental Technician, an Engineering Aide, a Geotechnical Technician and a Staff Engineer. His experience to date includes: site investigations for both public and private entities; municipal permitting processes including building, construction, and special use permits; feasibility studies and site characterization reports for wastewater treatment plants; wastewater and water plant design; wastewater and water plant construction administration; pipeline design; well equipping design; steel tank design; lift station design; and fieldwork supervision of SVE system installations, ground/vapor well installations and abandonments, and site demolition.</p>		
	List person's job-related training and education:	<p>EDUCATION M.S. Eng in Chemical Engineering, Minor in Water Resources Engineering, Oregon State University B.S. in Environmental Engineering, Oregon State University</p> <p>YEARS IN PROFESSION 11 Years in Profession, 7 Years w/Sunrise Engineering</p> <p>REGISTERED P.E. Arizona #52543</p> <p>MEMBERSHIPS Arizona Water Association</p>		
	Resume:	Glock_Tyson_Resume.pdf		

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6	Name:	Dave Dirren, CET	How long with company?	15 years
	Current position in company:	Project Manager/Principal	How long in position?	10 years
	Position for the Services:	Construction Administration	How much of time will be dedicated to the Services?	30%
	What primary functions will be assigned?	Cost Estimates, Engineering Support, Technical Reports, Utility Coordination, Plans & Specifications		
	Describe person's experience in performing services like those that are to be assigned:	<p>Mr. Dirren has extensive experience in paving design for both public and private sector projects. Project experience includes: Tyler Parkway in Payson, Arizona, consisting of paving, water and right of way plans for four miles of roadway forming a loop road connecting State Route 87 to State Route 260 in the Northeast portion of Payson. Intersection plans for right hand turn lanes and restriping were coordinated and approved through ADOT for both intersections. State Route 87 in Payson, Arizona consisting of 2000 linear feet of curb, gutter and sidewalk along the east side of the highway. Also, worked on Highway B95 widening through the Town of Parker in Lapaz County, including retrofitting pavement widening and redesigning vertical and horizontal alignment to increase overall safety of the road. Mr. Dirren is proficient in the use of computer-aided drafting and design tools, such as AutoCAD and Civil 3D applications, to enhance overall quality and accuracy of projects.</p>		



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<p>List person's job-related training and education:</p>	<p>EDUCATION</p> <p>Phoenix Institute of Technology – Associates Degree in Architecture, 1981</p> <p>YEARS IN PROFESSION</p> <p>36 Years in Profession, 15 Years w/Sunrise Engineering</p> <p>REGISTRATIONS</p> <p>N.I.C.E.T – Level III Highway Design N.I.C.E.T. – Level II Underground Utility Construction</p> <p>Gila County Health Department Site Suitability and Percolation Testing Certification #200041, 1999</p> <p>MEMBERSHIPS</p> <p>ASCE - American Society of Civil Engineers APWA – American Public Works Association RWAA – Rural Water Association of Arizona Arizona Water Association</p> <p>PROFESSIONAL TRAINING</p> <p>Managing Multiple Projects, Objectives and Deadlines, 1996 Gas Technology Institute – Gas Distribution Engineering, Las Vegas, NV, 2009 PSMJ Project Management Bootcamp, 2011</p>
<p>Resume:</p>	<p>Dirren_Dave_Resume.pdf</p>



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7	Name:	Tony Elley, RLS, CFedS	How long with company?	19 years
	Current position in company:	Arizona Survey Manager/Principal	How long in position?	15 years
	Position for the Services:	Topographic Survey & Right-Of-Way	How much of time will be dedicated to the Services?	25%
	What primary functions will be assigned?	Boundary Survey, Topographic Survey, Easements, Base Maps, Title Report Revision		
	Describe person's experience in performing services like those that are to be assigned:	Mr. Elley began his surveying career in 1993 and has performed numerous survey assignments to include mapping, right of way and boundary surveys, legal descriptions, mining claims (retracement), industrial mapping, as-built and existing utility surveys, NGS blue booking, ALTA's, final plats, and construction staking. He manages the survey operations in Sunrise's Mesa office, overseeing the activities of three survey crews and additional registrants and has extensive experience with both conventional and GPS surveys.		
	List person's job-related training and education:	<p>YEARS IN PROFESSION 25 Years in Surveying, 19 Years w/Sunrise Engineering</p> <p>REGISTERED RLS & CFEDS Arizona #43994, Utah #8101874-2201 and Colorado #0038239</p> <p>MEMBERSHIPS APLS - American Public Land Surveyors</p> <p>PROFESSIONAL TRAINING Northern Arizona University - Electrical Engineering Coursework, Boundary Law, Boundary Corner Determination</p> <p>PUBLICATIONS "Prospectors Still Needed" Morenci Copper Review, November 1996</p>		
	Resume:	Elley_Tony_Resume.pdf		



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8	Name:	Christina Christian, PE	How long with company?	7 years
	Current position in company:	Project Engineer	How long in position?	7 years
	Position for the Services:	Project Engineer	How much of time will be dedicated to the Services?	20%
	What primary functions will be assigned?	Detail Design, Utility Coordination, Engineering Support, Plan Production, Piping Design		
	Describe person's experience in performing services like those that are to be assigned:	Christina Christian started her engineering career with Sunrise Engineering as an intern while in college at Arizona State University. She graduated from ASU with a B.S.E. in Civil Engineering, and upon graduation, she started full-time with Sunrise Engineering as an EIT. She is now a registered professional engineer in Arizona whose work experience includes utility coordination, preparation of technical reports (drainage, water, sewer, SWPPP, master plans), drafting construction documents for a variety of projects from new utility service line design to subdivision planning, grading design, and utility modeling.		
	List person's job-related training and education:	<p>EDUCATION B.S. in Civil Engineering, Arizona State University</p> <p>YEARS IN PROFESSION 7 Years in Profession, 7 Years w/Sunrise Engineering</p> <p>REGISTERED PE Arizona #63705</p> <p>MEMBERSHIPS ASCE – American Society of Civil Engineers AFMA – Arizona Floodplain Managers Association</p>		
	Resume:	Christian_Christina_Resume.pdf		

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ATTACHMENT 3-B SUPPLEMENTS:

(For submission of additional Key Personnel qualifications beyond the number of forms provided in the Offer Documents: Offeror shall copy the Key Personnel Form in its entirety and complete in a separate Word Document for submission with the offer, and list file name below or type "None" on first line if not applicable. Offeror shall title Supplement(s) with the same title as named herein and upload with offer.).

Title	Document Date	No. of pages	Purpose in Offer
-------	---------------	--------------	------------------

(NOTE: The Offeror may insert additional rows as required).

End of Attachment 3-B



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Attachment 3-C
Proposed Subcontractors

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

Check "NO" if you WILL NOT subcontract any portion of the Work and will therefore be carrying out all of the Work with your own personnel.

<input type="checkbox"/>	NO, the Offeror will not subcontract any portion of the Work.
--------------------------	---

If you WILL subcontract any portion of the Work, check "YES" below and list name of persons or companies you propose to use as subconsultants.

- Fill in the information in the chart below for every proposed subcontractor – indicate the role and services work the subconsultant may provide in performing any of the services as outlined in the Requirements Document in the solicitation.
- Offeror shall complete an Attachment 3-B Key Personnel Form in its entirety for each proposed subcontractor and submit with offer. The term "Subconsultant" shall be annotated in parenthesis after each subcontractor key personnel name typed in the "Name" section of the 3-B form.
- State may demand additional information about proposed subcontractors as a precondition of award.

<input type="checkbox"/>	YES, the Offeror will use the Subcontractors listed below:
--------------------------	--

	Subcontractor Key Personnel Name; Subcontractor Firm Name and Contact Information	List Proposed Subcontractor Role(s) and Services	Capacity % Dedicated to Perform the Proposed Role/Service For Any Project Under This Contract
1.	Name		
1.	Name		
2.	Name		
3.	Name		
4.	Name		
5.	Name		
6.	Name		
7.	Name		
8.	Name		
9.	Name		

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ATTACHMENT 3-C SUPPLEMENTS:

(Offeror to insert as required and list here or type "None" on first line. Offeror shall title any Supplement(s) with the same title as named herein and upload with offer.)

	Title	Document Date	No. of pages	Purpose in Offer
1.	Enter or type "None for Sub #1"	x	x	x
2.	Enter or type "None for Sub #2"	x	x	x
3.	Enter or type "None for Sub #3"	x	x	x
4.	Enter or type "None for Sub #4"	x	x	x
5.	Enter or type "None for Sub #5"	x	x	x
6.	Enter or type "None for Sub #6"	x	x	x
7.	Enter or type "None for Sub #7"	x	x	x
8.	Enter or type "None for Sub #8"	x	x	x
9.	Enter or type "None for Sub #9"	x	x	x
10.	Enter or type "None for Sub #10"	x	x	x

End of Attachment 3-C

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Attachment 3-D
Performance Guarantee

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

End of Attachment 3-D

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Attachment 3-E
Israel Boycott Form

All materials submitted as part of a response to a solicitation are subject to Arizona public records law and will be disclosed if there is an appropriate public records request at the time of or after the award of the contract. Recently legislation has been enacted to prohibit the state from contracting with companies currently engaged in a boycott of Israel. To ensure compliance with A.R.S. §35-393.01. This form must be completed and returned with the response to the solicitation and any supporting information to assist the State in making its determination of compliance.

As defined by A.R.S. §35-393.01:

1. "Boycott" means engaging in a refusal to deal, terminating business activities or performing other actions that are intended to limit commercial relations with Israel or with persons or entities doing business in Israel or in territories controlled by Israel, if those actions are taken either:
 - (a) In compliance with or adherence to calls for a boycott of Israel other than those boycotts to which 50 United States Code section 4607(c) applies.
 - (b) In a manner that discriminates on the basis of nationality, national origin or religion and that is not based on a valid business reason.
2. "Company" means a sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, limited liability company or other entity or business association, and includes a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate.
3. "Direct holdings" means all publicly traded securities of a company that are held directly by the state treasurer or a retirement system in an actively managed account or fund in which the retirement system owns all shares or interests.
4. "Indirect holdings" means all securities of a company that are held in an account or fund, including a mutual fund, that is managed by one or more persons who are not employed by the state treasurer or a retirement system, if the state treasurer or retirement system owns shares or interests either:
 - (a) together with other investors that are not subject to this section.
 - (b) that are held in an index fund.
5. "Public entity" means this State, a political subdivision of this STATE or an agency, board, commission or department of this state or a political subdivision of this state.
6. "Public fund" means the state treasurer or a retirement system.
7. "Restricted companies" means companies that boycott Israel.
8. "Retirement system" means a retirement plan or system that is established by or pursuant to title 38.

All offerors must select one of the following:


- My company **does not** participate in, and agrees not to participate in during the term of the contract a boycott of Israel in accordance with A.R.S. §35-393.01. I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
- My company **does** participate in a boycott of Israel as defined by A.R.S. §35-393.01. :

By submitting this response, proposer agrees to indemnify and hold the State, its agents and employees, harmless from any claims or causes of action relating to the State's action based upon reliance on the above representations, including the payment of all costs and attorney fees incurred by the State in defending such an action.

 Sunrise Engineering

 2152 South Vineyard, Suite 123

 Mesa AZ 85210



 Signature of Person Authorized to Sign

 Geoffrey S. Child, PE

 Principal

End of Attachment 3-E

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Attachment 4
Pricing Sheet

RESERVED FOR AWARDED DESIGN PROFESSIONAL SERVICE ORDER CONTRACT

End of Attachment 4

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Attachment 5-A
Confidential Information Designation

All materials submitted as part of a response to a solicitation are subject to Arizona public records law and will be disclosed if there is an appropriate public records request at the time of or after the award of the contract. Recognizing there may be materials included in a solicitation response that are proprietary or a trade secret, a process is set out in A.A.C. R2-7-103 (copy attached) that will allow qualifying materials to be designated as confidential and excluded from disclosure. For purposes of this process the definition of "trade secret" will be the same as that set out in A.A.C. R2-7-101(52).

Complete this form return it with your Offer along with the appropriate supporting information to assist State in making its determination as to whether any of the materials submitted as part of your Offer should be designated confidential because the material is proprietary or a trade secret and therefore not subject to disclosure.

STATE WILL NOT CONSIDER ANY MATERIAL IN YOUR OFFER "CONFIDENTIAL" UNLESS DESIGNATED ON THIS FORM.

Check one of the following – if neither is checked, State will assume that as equivalent to "DOES NOT":

<input checked="" type="checkbox"/>	This response DOES NOT contain proprietary or trade secret information. I understand that my entire response will become public record in accordance with A.A.C. R2-7-C317.
<input type="checkbox"/>	This response DOES contain trade secret information because it contains information that: <ol style="list-style-type: none"> 1. Is a formula, pattern, compilation, program, device, method, technique or process, AND 2. Derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; AND 3. Is the subject of efforts by myself or my organization that are reasonable under the circumstances to maintain its secrecy.

NOTE: Failure to attach an explanation may result in a determination that the information does not meet the statutory trade secret definition. All information that does not meet the definition of trade secret as defined by A.A.C. R2-7-101(52) will become public in accordance with A.A.C. R2-7-C317. State may make its own determination on materials in accordance with A.A.C. R2-7-103.

If State agrees with Offeror's designation of trade secret or confidentiality and the determination is challenged, the undersigned hereby agrees to cooperate and support the defense of the determination with all interested parties, including legal counsel or other necessary assistance.

By submitting this response, Offeror agrees that the entire Offer, including confidential, trade secret and proprietary information may be shared with an evaluation committee and technical advisors during the evaluation process. Offeror agrees to indemnify and hold State, its agents and employees, harmless from any claims or causes of action relating to State's withholding of information based upon reliance on the above representations, including the payment of all costs and attorney fees incurred by State in defending such an action.

Sunrise Engineering, Inc.

Offeror Company Name	
Address	2152 South Vineyard, #123, Mesa, AZ 85210

Signature of Authorized Person	
Printed Name	Geoffrey S. Child, PE

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Mesa	AZ	85210	Principal
City	State	Zip	Title

ATTACHMENT 5-A SUPPLEMENTS:

(Offeror to insert as required and list here or type "None" on first line. Offeror shall title any Supplement(s) with the same title as named herein and upload with offer.)

	Title	Document Date	No. of pages	Purpose in Offer
1.	Land Survey Digital Brochure	01/06/2018	4	Company Offerings
2.	Water System Engineering	01/06/2018	2	Company Offerings
3.	Sunrise Building and Safety	01/06/2018	2	Company Offerings
4.	Sunrise Drainage	01/06/2018	2	Company Offerings
5.	Sunrise Transportation	01/06/2018	2	Company Offerings
6.	Sunrise Environmental	01/06/2018	2	Company Offerings
7.	Sunrise Municipal	01/06/2018	2	Company Offerings
8.	Sunrise Wastewater	01/06/2018	2	Company Offerings

End of Attachment 5-A

	<p style="text-align: center;">Request for Qualifications Solicitation No. ADSP018-00007887 Description: 2018 Professional Services List</p>	<p style="text-align: center;">Arizona Department of Administration State Procurement Office 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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*Copy of A.A.C. R2-7-103 [Confidential Information]
as was current at time of Solicitation issuance*

PROVIDED FOR REFERENCE ONLY

- A. *If a person wants to assert that a person's offer, specification, or protest contains a trade secret or other proprietary information, a person shall include with the submission a statement supporting this assertion. A person shall clearly designate any trade secret and other proprietary information, using the term "confidential". Contract terms and conditions, pricing, and information generally available to the public are not considered confidential information under this Section.*
- B. *Until a final determination is made under subsection (C), an agency chief procurement officer shall not disclose information designated as confidential under subsection (A) except to those individuals deemed by an agency chief procurement officer to have a legitimate state interest.*
- C. *Upon receipt of a submission, an agency chief procurement officer shall make one of the following written determinations:*
 - 1. *The designated information is confidential and the agency chief procurement officer shall not disclose the information except to those individuals deemed by the agency chief procurement officer to have a legitimate state interest;*
 - 2. *The designated information is not confidential; or*
 - 3. *Additional information is required before a final confidentiality determination can be made.*
- D. *If an agency chief procurement officer determines that information submitted is not confidential, a person who made the submission shall be notified in writing. The notice shall include a time period for requesting a review of the determination by the state procurement administrator.*
- E. *An agency chief procurement officer may release information designated as confidential under subsection (A) if:*
 - 1. *A request for review is not received by the state procurement administrator within the time period specified in the notice; or*
 - 2. *The state procurement administrator, after review, makes a written determination that the designated information is not confidential.*

	<p align="center">Request for Qualifications Solicitation No. ADSP018-00007887 Description: 2018 Professional Services List</p>	<p align="right">Arizona Department of Administration State Procurement Office 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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Attachment 5-B
Conformance Statements

STATE WILL NOT CONSIDER ANY EXCEPTIONS UNLESS DESIGNATED ON THIS FORM.
READ THE INSTRUCTIONS TO OFFERORS BEFORE TAKING ANY EXCEPTIONS – TAKING EXCEPTIONS CAN BE
GROUNDS FOR STATE REJECTING YOUR OFFER IN EVALUATION.

**CONFORMANCE TO THE INSTRUCTIONS:
(PART 1 OF THE SOLICITATION)**

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Solicitation Summary in Section 1-A of the Solicitation Documents and the Instructions to Offerors in Section 1-B of the Solicitation Documents and the and attests that its Offer complies with both.
- NO – Offeror acknowledges that it has read and understands the Solicitation Summary in Section 1-A of the Solicitation Documents and the Instructions to Offerors in Section 1-B of the Solicitation Documents, and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 1**.

**CONFORMANCE TO THE CONTRACT TERMS AND CONDITIONS:
(PART 2 OF THE SOLICITATION)**

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Special Terms and Conditions and the Uniform Terms and Conditions, along with their respective Exhibits and Appendices, in Part 2 of the Solicitation Documents and attests that its Offer complies with both.
- NO – Offeror acknowledges that it has read and understands the Special Terms and Conditions and the Uniform Terms and Conditions, along with their respective Exhibits and Appendices in Part 2 of the Solicitation Documents and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 2**.

**CONFORMANCE TO THE TECHNICAL DOCUMENTS:
(PART 3 OF THE SOLICITATION)**

Check one of the following – if neither is checked, State will assume that as equivalent to “YES”:

- YES – Offeror acknowledges that it has read and understands the Requirements Document and the Compensation Document in Part 3 of the Solicitation Documents and attests that its Offer complies with both.

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NO – Offeror acknowledges that it has read and understands the [Requirements Document and the Compensation Document](#), in Part 3 of the Solicitation Documents and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 3**.

ATTACHMENT 5-B Supplement No. 1:
Exceptions to Instructions

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 1-A: Solicitation Summary		
	None	
x	x	x
x	x	x
Section 1-B: Instructions to Offerors		
	None	
x	x	x
x	x	x

ATTACHMENT 5-B Supplement No. 2:
Exceptions to Contract Terms & Conditions

Article/ Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-A: Special Terms & Conditions		
	None	
x	x	x
x	x	x



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Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-B: Uniform Terms & Conditions		
	None	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

ATTACHMENT 5-B Supplement No. 3:
Exceptions to Technical and Commercial

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-A Scope of Work (Requirements Document)		
	None	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Section 2-B: Compensation Document		
	None	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Sunrise Engineering, Inc.

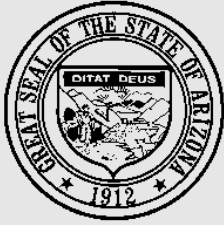
Company Name


 Signature of Person Authorized to Sign

End of Attachment 5-B

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Attachment 5-C
Insurance Evidence

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

End of Attachment 5-C



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Attachment 5-D
Offer Checklist

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT SUBMIT ALL ATTACHMENTS.

	DOCUMENT	SUBMITTED
1.	Attachment 1: Offer and Acceptance Form - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
2.	Attachment 2-A: Experience and Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
3.	Attachment 2-A: References	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
4.	Attachment 2-B: Organization Profile	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
5.	Attachment 3-A: Method Proposal – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
6.	Attachment 3-B: Key Personnel Proposal	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
7.	Attachment 3-C: Proposed Subcontractors – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
8.	Attachment 3-D: Performance Guarantee – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
9.	Attachment 3-E: Israel Boycott Form - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
10.	Attachment 4: Pricing Sheet – RESERVED FOR AWARD	<input type="checkbox"/> YES, <input checked="" type="checkbox"/> no
11.	Attachment 5-A: Confidential Information Designation - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
12.	Attachment 5-B: Conformance Statements - SIGNED	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
13.	Attachment 5-C: Insurance Evidence – RESERVED FOR AWARD	<input type="checkbox"/> YES <input checked="" type="checkbox"/> no
14.	Attachment 5-D: Offer Checklist	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
15.	.pdf File: Number of Projects and Revenue	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
16.	Excel File: 2018 Professional Services List of Firms Services	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no

End of Attachment 5-D

End of Part 4

PART 4 of the Solicitation Documents:
Offer Forms (Attachments)

Date: January 8, 2018
Page 38 of 38

ADSP018-00007787 Number of Projects and Revenue
 ADSP018-00007787 2018 Annual Professional Services Qualifications

FIRMS NAME (INSERT NAME):

TYPE OF PROJECT	TOTAL NUMBER OF FIRM PROJECTS (ALL FIRM LOCATIONS) COMPLETED IN LAST THREE YEARS	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY state, municipal, federal etc. government projects only	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY non-government projects only	TYPE OF PROJECT	TOTAL NUMBER OF FIRM PROJECTS (ALL FIRM LOCATIONS) COMPLETED IN LAST THREE YEARS	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY state, municipal, federal etc. government projects only	Using the Revenue Index (Enter 1-10) indicate the approximate revenue the firm has earned over the last three years from ARIZONA ONLY non-government projects only
Acoustics, Noise Abatement				Land Surveying			
Activity Centers				Landscape Architecture			
Aerial Photography; Airborne Data and Imagery Collection and Analysis				LEED Accredited A/E			
Agricultural Development; Grain Storage; Farm Mechanization				LEED Independent 3rd Party Building Commissioning			
Air Pollution Control				Libraries; Museums; Galleries			
Airports; Navais; Airport Lighting; Aircraft Fueling				Lighting (Exteriors; Streets; Memorials; Athletic Fields, Etc.)			
Airports; Terminals and Hangars; Freight Handling				Lighting (Interior; Display; Theater, Etc.)			
Animal Facilities				Lighting (Cave; Cavern)			
Anti-Terrorism/Force Protection				Mapping Location/Addressing Systems			
Area Master Planning				Materials Handling Systems; Conveyors; Sorters			
Auditoriums and Theaters				Materials Testing			
Automation; Controls; Instrumentation				Measurement / Verification / Conservation Water Consumption			
Barracks; Dormitories				Medical Related			
Bridge Design; Bridges				Metallurgy			
Cartography				Mining and Mineralogy			
Cemeteries (Planning and Relocation)				Modular Systems Design; Pre-Fabricated Structures or Components			
Chemical Processing and Storage				Mold Investigation			
Child Care/Development Facilities				Museums			
Codes; Standards; Ordinances				Nuclear Facilities; Nuclear Shielding			
Cold Storage; Refrigeration and Fast Freeze				Office Buildings; Industrial Parks			
Commercial Building (Low Rise); Shopping Centers				Outdoor Recreation			
Communications Systems; TV; Microwave				Petroleum and Fuel (Storage and Distribution)			
Community Facilities				Phase I Environmental			
Computer Facilities				Photogrammetry			
Conservation and Resource Management				Pipelines (Cross-Country - Liquid and Gas)			
Construction Management				Plumbing and Piping Design			
Construction Materials Testing				Pneumatic Structures, Air-Support Buildings			
Construction Surveying				Power Generation, Transmission, Distribution			
Controls and Electronics Engineer				Prisons and Correctional Facilities			
Corrosion Control; Cathodic Protection Electrolysis				Product, Machine Equipment Design			
Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting				Public Safety Facilities			
Cryogenic Facilities				Radar; Sonar; Radio and Radar Telescopes			
Dams (Concrete; Arch)				Radio Frequency Systems and Shieldings			
Dams (Earth; Rock); Dikes; Levees				Railroad; Rapid Transit			
Desalination (Process and Facilities)				Recreation Facilities (Parks, Marinas, Etc.)			
Design & Planning Structured Parking Facilities				Refrigeration Plants/Systems			
Design-Build - Preparation of Requests for Proposals				Rehabilitation (Buildings; Structures; Facilities)			
Detention Security Systems				Research Facilities			
Digital Elevation and Terrain Model Development				Resources Recovery; Recycling			
Digital Orthophotography				Rivers; Canals; Waterways; Flood Control			
Dining Halls; Clubs; Restaurants				Roof Infrared Imaging to Identify Water Leaks			
Disability / Special Needs				Roofing			
Dredging Studies and Design				Safety Engineering; Accident Studies; OSHA Studies			
Ecological and Archeological Investigations				Security Systems; Intruder and Smoke Detection			
Educational Facilities; Classrooms				Seismic Designs and Studies			
Electrical Studies and Design				Sewage Collection, Treatment and Disposal			
Electronics				Soils and Geologic Studies; Foundations			
Elevators; Escalators; People-Movers				Solar Energy Utilization			
Energy / Water Auditing Savings				Solid Wastes; Incineration; Landfill			
Energy Conservation; New Energy Sources				Special Environments; Clean Rooms, Etc.			
Environmental Impact Studies, Assessments or Statements				Specifications Writing			
Fallout Shelters; Blast-Resistant Design				Storm Water Handling and Facilities			
Fire Protection				Structural Design; Special Structures			
Fisheries; Fish Ladders				Surveying; Platting; Mapping; Flood Plain Studies			
Forensic Engineering				Sustainable Design			
Garages; Vehicles Maintenance Facilities; Parking				Swimming Pools			
Gas Systems (Propane; Natural, Etc.)				Testing and Inspection Services			
Geodetic Surveying: Ground and Airborne				Topographic Surveying and Mapping			
Heating; Ventilating; Air Conditioning				Towers (Self-Supporting and Guyed Systems)			
Highways; Streets; Airfield Paving; Parking Lots				Toxicology			
Historical Preservation				Traffic and Transportation Engineering			
Hospital and Medical Facilities				Traffic Studies			
Hotels; Motels				Transportation			
Housing (Residential, Multi-Family; Apartments; Condominiums)				Tunnels and Subways			
Hydraulics and Pneumatics				Urban Renewals; Community Development			
Hydrographic Surveying				Utilities (Gas and Steam)			
Industrial Buildings; Manufacturing Plants				Value Analysis; Life-Cycle Costing			
Industrial Processes; Quality Control				Warehouse and Depots			
Industrial Waste Treatment				Waste Water Treatment Facility			
Intelligent Transportation Systems				Water Resources; Hydrology; Ground Water			
Infrastructure				Water Supply; Treatment and Distribution			
Irrigation; Drainage				Water Well Rehabilitation; Water Well Work			
Judicial and Courtroom Facilities				Wind Tunnels; Research/Testing Facilities			
Laboratories; Medical Research Facilities				Design			
Labs - General				Zoning; Land Use Studies			
Labs - Research - Dry							
Labs - Research - Wet							

Professional Services	Revenue
Index Number	
1.	Less than \$100,000
2.	\$100,000 to less than \$250,000
3.	\$250,000 to less than \$500,000
4.	\$500,000 to less than \$1 Million
5.	\$1 Million to less than \$2 Million
6.	\$2 Million to less than \$5 Million
7.	\$5 Million to less than \$10 Million
8.	\$10 Million to less than \$25 Million
9.	\$25 Million to less than \$50 Million
10.	\$50 Million or greater



Geoffrey Child, PE

PROJECT MANAGER / ROADWAY DESIGN

Mr. Child received his M.S. in Construction from Arizona State University, has his B.S. in Civil Engineering from Utah State University with a focus on transportation and drainage projects. His past experience prior to joining Sunrise Engineering includes working for the **Arizona Department of Transportation**. Recently he has been the project manager for several drainage and roadway projects for the Cities of Mesa, Tempe, Chandler and Phoenix. These projects include over five miles of arterial roadway reconstruction for the City of Mesa. Mr. Child will serve as your main point of contact for all assigned work orders and will enroll the efforts of various discipline experts as required per assignment.

EDUCATION

M.S. in Construction,
Arizona State University

B.S. in Civil Engineering
w/Minor in Spanish,
Utah State University

YEARS IN PROFESSION

19 Years in Profession,
15 Years w/Sunrise Engineering

REGISTERED PE

Arizona #41184, California #67822,
Idaho #12936, Montana #18919
and Utah #375046

MEMBERSHIPS

ASCE - American Society
of Civil Engineers,
CI - Construction Institute (ASCE),
APWA - American Public Works Assn.,
AFMA - Arizona Floodplain
Management Assn.

PROFESSIONAL TRAINING

ACE/ASU Alternative Project
Delivery Methods Training,
PSMJ - Project Mgmt. Boot Camp,
Saddle Island Institute - Construction
Scheduling Analysis,
ATTI -Field Technician,
ACI - Field Testing,
AFMA HEC-RAS Training

RECENT/RELEVANT EXPERIENCE

Southern Avenue Roadway Improvements – Greenfield Road through Higley Road | City of Mesa

As Project Manager, Mr. Child has worked extensively with the City of Mesa on this project. The City of Mesa originally hired Sunrise Engineering in September 2009 to prepare Arterial Reconstruction plans for 4.7 miles of roadway in five different locations (phases) throughout Mesa.

University Drive Reconstruction & Water Main with New Right-Turn Lane | City of Mesa

Mr. Child was the Project Manager for this City of Mesa project which included the preparation of roadway reconstruction and water main documents for 1.6 miles of University Drive from Sossaman Road to ADOT Right-of-Way (650' east of 88th Street).

Ray Road / Dobson Road Intersection with New Right-Turn Lane | City of Chandler

Mr. Child was the project manager for this City of Chandler project, which included the addition of a right turn lane from eastbound Ray Road to southbound Dobson Road (one of the most congested intersections in the City).

SR-89 Bramble Intersection | ADOT / Yavapai County

Mr. Child was the project manager for this ADOT project, which included adding left and right turn lanes to an accident-plagued stretch of SR-89 (Arizona State Route 89) in Paulden, Arizona. .

ADDITIONAL PROJECT EXPERIENCE

- City of Mesa Plaza Building Surface Restoration
- City of Mesa Arterial Street Reconstruction/Water Group 2
- City of Mesa Recker Road Reconstruction:
Main St. to Broadway Rd.
- City of Mesa Sossaman Road Reconstruction: Ray Rd. to Tahoe Ave.
- City of Mesa Southern Ave. Reconstruction:
Gilbert Rd. to Val Vista Dr.
- City of Mesa University Dr. Reconstruction: Sossamon Rd to L202
- City of Chandler Knox Road Traffic Calming & Drainage



Christina Christian, PE

PIPELINE ENGINEER

Christina Christian started her engineering career with Sunrise Engineering as an intern while in college at Arizona State University. She graduated from ASU with a B.S.E. in Civil Engineering, and upon graduation, she started full-time with Sunrise Engineering as an EIT. She is now a registered professional engineer in Arizona whose work experience includes utility coordination, preparation of technical reports (drainage, water, sewer, SWPPP, master plans), drafting construction documents for a variety of projects from new utility service line design to subdivision planning, grading design, and utility modeling.

EDUCATION

B.S. in Civil Engineering,
Arizona State University

YEARS IN PROFESSION

7 Years in Profession,
7 Years w/Sunrise Engineering

REGISTERED PE

Arizona #63705

MEMBERSHIPS

ASCE – American Society of Civil Engineers
AFMA – Arizona Floodplain Managers Association

RECENT/RELEVANT EXPERIENCE

City of Kingman Wastewater Master Plan | Kingman, AZ

The critical goal of the master plan was to identify future infrastructure and determine the potential downstream impacts to service this new growth. The first phase of this master plan included developing a physical representation of the City's main interceptors using GIS data, as-builts and survey information. Once this was completed our team identified sewer shed areas that contributed to each interceptor. Using existing landuse, general plan and sewer flow information the physical model was "loaded" to create a simulation of the City's sewer system. This information was used to develop recommended improvements for the current and future system to support growth within the City's sewer service area. The results of the study identified individual projects with costs estimates that could be incorporated into the City's CIP budgeting. Lastly, the information from the model was incorporated into the City's GIS to allow easy access to the information contained in the model.

15th Street & Missouri SW | Phoenix, AZ

This project is currently at 90% design and includes the design for water main replacements in the area bound by Camelback Rd to Missouri Ave and 19th Ave to 15th Ave in Phoenix, AZ; it will replace approximately 10,048 linear feet of aging cast iron and asbestos cement pipe water mains with new ductile iron pipe, valves, hydrants and connections to existing meters within the project area. Because the old water mains are to be abandoned, maintaining water service with minimal interruption to end users was a priority that Sunrise coordinated with the City staff during the design phase. Connections to lateral distribution lines were accomplished with a tapping sleeve and valve design.

ADDITIONAL PROJECT EXPERIENCE

- C.C. Cragin Raw Water Pipeline Preliminary Design - Payson, AZ
- C.C. Cragin Water Treatment Plant & Tailrace Connection - Payson, AZ
- Town of Queen Creek On-Call Sewer Utilities - Queen Creek, AZ
- Big Park Wastewater Treatment Plant Improvements - Big Park, AZ
- Ray & Dobson Intersection Right-Hand Turn Lane - Chandler, AZ
- Phoenix Skyline West II Wash Design Concept Report - Buckeye, AZ



Dave Dirren, CET

CONSTRUCTION ADMINISTRATION

Mr. Dirren has extensive experience in paving design for both public and private sector projects. Project experience includes: Tyler Parkway in Payson, Arizona, consisting of paving, water and right of way plans for four miles of roadway forming a loop road connecting State Route 87 to State Route 260 in the Northeast portion of Payson. Intersection plans for right hand turn lanes and restriping were coordinated and approved through ADOT for both intersections. State Route 87 in Payson, Arizona consisting of 2000 linear feet of curb, gutter and sidewalk along the east side of the highway. Also, worked on Highway B95 widening through the Town of Parker in Lapaz County, including retrofitting pavement widening and redesigning vertical and horizontal alignment to increase overall safety of the road. Mr. Dirren is proficient in the use of computer-aided drafting and design tools, such as AutoCAD and Civil 3D applications, to enhance overall quality and accuracy of projects.

EDUCATION

Phoenix Institute of Technology –
Associates Degree in Architecture, 1981

YEARS IN PROFESSION

37 Years in Profession,
15 Years w/Sunrise Engineering

REGISTRATIONS

N.I.C.E.T – Level III Highway Design

N.I.C.E.T. – Level II Underground
Utility Construction

Gila County Health Department Site
Suitability and Percolation Testing
Certification #200041, 1999

MEMBERSHIPS

ASCE - American Society of Civil Engineers
APWA – American Public
Works Association
RWAA – Rural Water
Association of Arizona
Arizona Water Association

PROFESSIONAL TRAINING

Managing Multiple Projects,
Objectives and Deadlines, 1996
Gas Technology Institute –
Gas Distribution Engineering,
Las Vegas, NV, 2009
PSMJ Project Management
Bootcamp, 2011

Town of Payson Sidewalk Retrofit | Payson, Arizona

Project Manager and Civil Designer for the addition of approximately 1,200 linear feet of sidewalk on Frontier Street to accommodate Frontier elementary School pedestrian traffic.

Schnepf Road | Pinal County, Arizona

Mr. Dirren was the Project Manager for the design of this 1/2 mile roadway improvement adjacent to the Laredo Ranch Subdivision. His responsibilities for this street widening project included coordinating the design for paving, signing and striping and the relocation of irrigation structures.

ADDITIONAL PROJECT EXPERIENCE

- East McLane Road – Payson, AZ
- State Route 87 Sidewalk – Payson, AZ
- Mesa Dobson Road HP Gas Line – Mesa, AZ
- Fountain Hills Boulevard Shoulder Paving – Fountain Hills, AZ
- Roeser Road Sidewalk (17th Ave to 19th Ave) – Phoenix, AZ
- Roosevelt Street Widening (41st Ave to 39th Ave) – Phoenix, AZ
- East Loop Road – Payson, AZ
- Neighborhood Paving Retrofit – Fountain Hills, AZ
- 51st Avenue and Buckeye Road – Phoenix, AZ
- Main Street Extension – Payson, AZ
- Mud Springs Road – Payson, AZ
- South McLane Road – Payson, AZ
- Doll Baby Ranch Road Improvements – Payson, AZ
- Fred Lawrence Whipple Observatory – Amado, AZ



Tony Elley, RLS, CFedS

TOPOGRAPHIC SURVEY & RIGHT-OF-WAY

Mr. Elley began his surveying career in 1993 and has performed numerous survey assignments to include mapping, right of way and boundary surveys, legal descriptions, mining claims (retracement), industrial mapping, as-built and existing utility surveys, NGS blue booking, ALTA's, final plats, and construction staking. He manages the survey operations in Sunrise's Mesa office, overseeing the activities of three survey crews and additional registrants and has extensive experience with both conventional and GPS surveys.

YEARS IN PROFESSION

25 Years in Surveying,
19 Years w/Sunrise Engineering

REGISTERED RLS & CFEDS

Arizona #43994, Utah #8101874-
2201 and Colorado #0038239

MEMBERSHIPS

APLS - American Public Land Surveyors

PROFESSIONAL TRAINING

Northern Arizona University -
Electrical Engineering Coursework,
Boundary Law,
Boundary Corner Determination

PUBLICATIONS

"Prospectors Still Needed"
Morenci Copper Review, November 1996

RECENT/RELEVANT EXPERIENCE

City of Mesa On-Call Surveying | Mesa, Arizona

The City of Mesa engaged the services of Sunrise for various engineering projects. The work has included the preparation of topographic surveys, aerial mapping and Right-of-Way determination. The surveys have been used for road improvements, water lines, natural gas pipelines, sanitary sewer lines, ADA ramps. Sunrise has also prepared ALTA surveys. Mr. Elley is the primary contact for the City and is responsible for overseeing the project team.

Skyline Aquatics Center Basemapping & Boundaries | Mesa, Arizona

The site for this design-bid-build project is located within a portion of an existing parking lot at Skyline High School in Mesa Arizona. The total footprint is 2.5 acres and includes 10,500 square feet of building space for offices, classrooms, locker rooms, and mechanical room. There are two pools; a 1.2 million gallon competition lap pool with bleacher seating for 1000 spectators, a beach entry kid's pool with 40-foot slide and a 600-square foot water play area.

ADDITIONAL PROJECT EXPERIENCE

- University Drive Boundaries & Right-of-Ways – Mesa, AZ
- Queen Creek Water Company Surveying – Queen Creek, AZ
- Tempe Bus Bay Field Surveys – Tempe, AZ
- South Mountain Avenue Drainage Improvement – Phoenix, AZ
- Rainbow Valley Rd. Boundary Surveys – Goodyear, AZ
- Fain Road Boundaries & Right-of-Ways – Prescott Valley, AZ
- Roosevelt St. Widening Topographic Survey – Queen Creek, AZ
- Broadway Road Boundary Determinations & Right-of-Ways – Tempe, AZ
- Villago Middle School Right-of-Way Determinations – Casa Grande, AZ
- Douglas Schools Misc. Right-of-Ways & Boundary Determinations – Douglas, AZ
- Mission Valley Elementary Right-of-Ways & Boundary Determinations – Casa Grande, AZ



Tyson Glock, PE

ENVIRONMENTAL ENGINEER

Mr. Glock holds a Bachelors of Science Degree in Environmental Engineering and a Masters of Engineering in Chemical Engineering with a minor in Water Resources, both from Oregon State University. He joined Sunrise Engineering immediately after becoming a Registered Professional Engineer. Prior to that, Mr. Glock spent four years gathering experience in the industry as an Environmental Technician, an Engineering Aide, a Geotechnical Technician and a Staff Engineer. His experience to date includes: site investigations for both public and private entities; municipal permitting processes for Right-of-Way, well installation and abandonment, and construction and use permits; feasibility studies and site characterization reports for Wastewater Treatment Plants; preliminary design work of Water Treatment Plants; and fieldwork supervision of SVE system installations, ground/vapor well installations and abandonments, removals of septic tanks and site demolitions.

EDUCATION

M. Eng in Chemical Engineering, Oregon State University;
B.S. in Environmental Engineering, Oregon State University

YEARS IN PROFESSION

11 Years in Profession,
7 Years w/Sunrise Engineering

REGISTERED PE

Arizona #52543

MEMBERSHIPS

Home Builders Association
of Central Arizona
Valley Partnership Professional Partner

RECENT/RELEVANT EXPERIENCE

- Big Park Wastewater Treatment Plant – Big Park Domestic Wastewater Improvement District
- CCWC Well 11 Equipping CA – EPCOR Water
- CRIT Juvenile Detention Facility EA – Colorado River Indian Tribes
- Casa Grande Nitrate Removal System – City of Casa Grande
- Chandler Cloud Road Water Line – City of Chandler
- Chandler- West Boston Street Riser – City of Chandler
- EA CRIT Adult Jail – Colorado River Indian Tribes
- EA CRIT Bluewater Drive – Colorado River Indian Tribes
- FMI Hydromet Shop & Parking Lot – DLR Group
- Hermosa Estates SF II MASTER – Newmark Homes
- Hermosa Estates SF Subdivision II – Newmark Homes
- ME Global Blowdown Disposal – ME Global
- Ogden Water Treatment Plant - Design – Ogden City
- Orange Blossom Waterline Replacement – EPCOR Water
- Payson CC Cragin MASTER – Town of Payson
- Payson Raw Water Pipeline – Town of Payson
- Payson WTP Final Design – Town of Payson
- Silver Creek Tank 2 – EPCOR Water
- Town of Queen Creek On-call Utilities - SEWER
- WIFA Planning & Design Assistance – Park Water Company



Ricky Holston, PE, LEED AP, CFM

DRAINAGE ANALYSIS & DESIGN

Mr. Holston is a professional engineer in Arizona and California, and a Certified Floodplain Manager. With over ten years of experience, Mr. Holston's background includes storm water management, drainage, transportation, grading, site design, water, and wastewater, for both public and private developments. The main focus of his career at Sunrise Engineering has been in the area of drainage design and planning including: hydrology and hydraulic studies, design concept reports, HEC-RAS analysis, drainage studies, hydrologic and hydrograph modeling, feasibility alternatives, drainage mitigation and erosion control, culvert crossings and drainage channel conveyance structures, diversion structures, split-flow analysis, and FEMA Letter of Map Revisions. In addition, Mr. Holston is also a LEED Accredited Professional and has completed extensive training in Storm Water Pollution Prevention Planning (SWPPP). He received his bachelor of science in Civil Engineering from San Diego State University in 2001.

EDUCATION

B.S. in Civil Engineering,
San Diego State University

YEARS IN PROFESSION

17 Years in Profession,
13 Years w/Sunrise Engineering

REGISTERED PE

Arizona #43301, New Mexico
#20643 and California #67363

MEMBERSHIPS

ASCE - American Society
of Civil Engineers,
APWA - American Public Works Assn.,
AFMA - Arizona Floodplain
Management Assn.

PROFESSIONAL TRAINING

PSMJ - Project Mgmt. Boot Camp,
Stormwater Pollution &
Prevention (SWPPP),
AFMA HEC-RAS Training

RECENT/RELEVANT EXPERIENCE

Queen Creek Road Widening | Chandler, Arizona

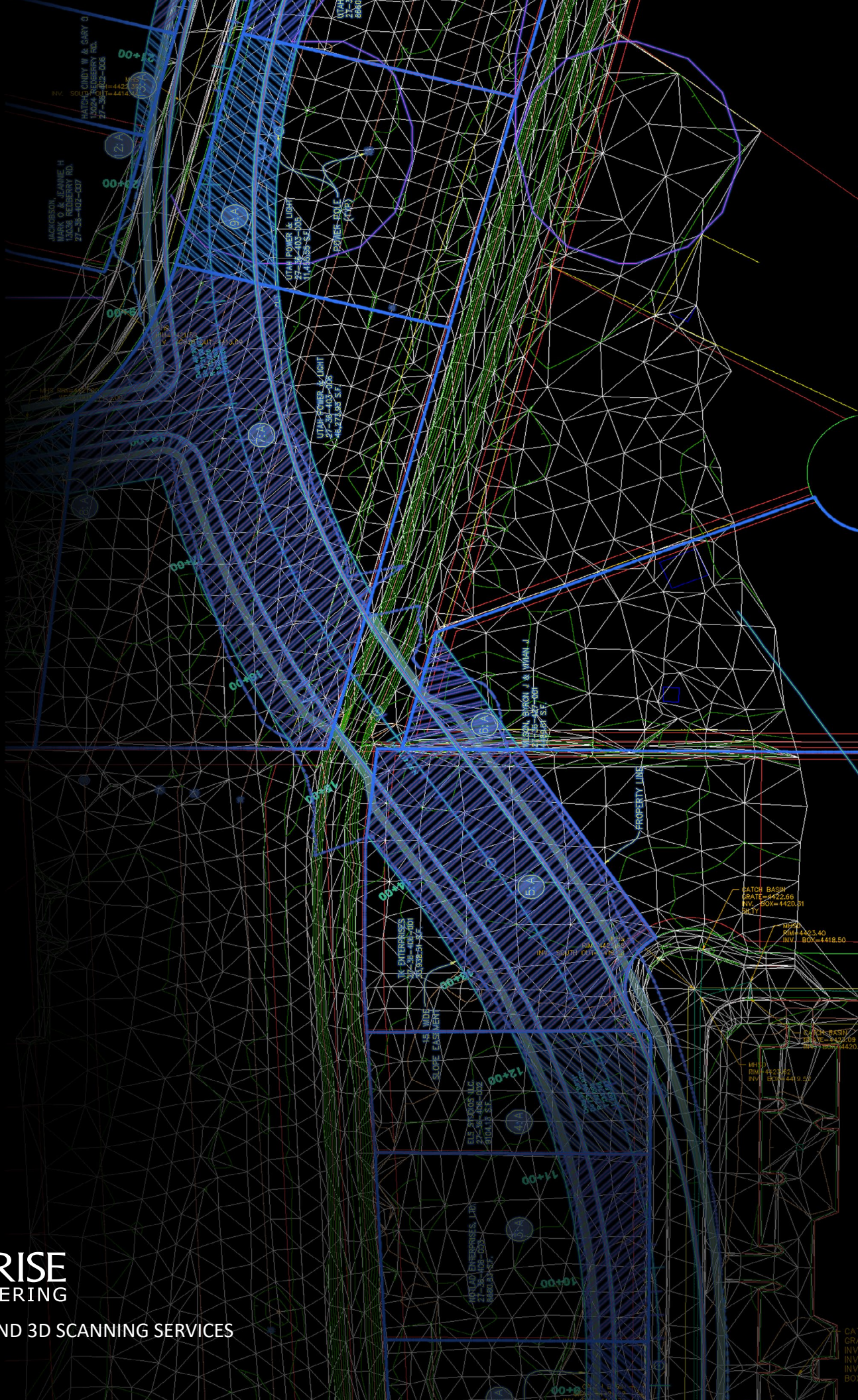
Mr. Holston provided technical expertise for the drainage report completion on this roadway project encompassing 3.5 miles of Queen Creek Road widening from Arizona Avenue to Old Price Road. Project included adding eastbound and westbound lanes within an existing 40-foot median and right turn improvements to two existing intersections. It was necessary to verify existing drainage structures and retention capacity. Mr. Holston worked closely with the project engineers to ensure the drainage report was completed properly.

Van Buren Drainage DCR | Avondale, AZ

Mr. Holston was the Project Manager for this City of Avondale project. Sunrise was contracted by Flood Control in partnership with the City of Avondale to complete a Design Concept Report for a storm water conveyance structure along Van Buren Street. The purpose was to alleviate flooding at Van Buren Street and 99th Avenue and, if possible, reduce retention requirements for Avondale's City Center. The study analyzed existing and future conditions and recommended three different alternatives to convey flow along Van Buren Street and into the Agua Fria River.

ADDITIONAL PROJECT EXPERIENCE

- Mesa Water Meter Assembly Rehabilitations - Mesa, AZ
- Mesa Southeast Water Treatment Plant Security Upgrades - Mesa, AZ
- Mesa Skyline High School Aquatics Center - Mesa, AZ
- City of Mesa, Mesa High School Regional Aquatic Center
- City of Mesa Residential Streets Overlays Phase II
- City of Mesa Water Meter Assembly Rehabilitations
- City of Mesa Southeast Water Treatment Plant Security Upgrades
- City of Mesa Skyline High School Aquatics Center



SUNRISE
ENGINEERING

LAND SURVEY AND 3D SCANNING SERVICES

3D SCANNING AND REMOTE SENSING

3D scanning and remote sensing can provide you with crucial data points necessary to accurately perform, build or improve your project. With state-of-the-art data collection at 1 million points per second, our mobile scanner creates a very solid base for your project.

"3D Imaging is an industry which is evolving in real time. It is both challenging and rewarding to work in an atmosphere where individual and collective creativity can advance our abilities as significantly as determination. Our clients often suggest new uses of 3D scanning in the form of a simple inquiry. "Is this possible?" The synergy which results from this type of interaction spreads to other elements of the project. Teamwork is typically a reality rather than a goal." —Burton Christensen, P.L.S.



LEICA C10 TIME-OF-FLIGHT SCANNER
50,000 PPS (AZ)



LEICA P40 WAVEFORM SCANNER
1 MILLION PPS



DJI INSPIRE DRONE
FOR VIDEO AND IMAGE CAPTURE



Z+F 5010C PHASE-BASED SCANNER
1 MILLION PPS



P3D PROSCAN PLATFORM USES THE 5010C
FOR INDOOR/OUTDOOR MOBILE APPLICATIONS



MOBILE SCANNING VEHICLE

- Collects miles of roadway in a fraction of the time it takes for traditional methods
- Collects 1 million points and 50,000 lines per second
- Compatible with any coordinate system including local, UTM, State Plane, etc.
- Collects 360° panoramic photos of the project
- Creates survey grade DTMs and surfaces
- Indoor and outdoor mobile mapping
- Zero emissions, street legal with DMV plates

The continual evolution of the equipment and software in the land surveying industry provides opportunities for survey deliverables that are more accurate and better suited to the needs of our clients. Our survey team stays abreast of these advances to better serve our clients and maintain our status as an industry leader.



With 10 licensed land surveyors, each with 10-20 years of experience, our Team is a highly adaptable, efficient and talented group dedicated to delivering innovative solutions to our clients.

LAND SURVEY SERVICES



MAPPING

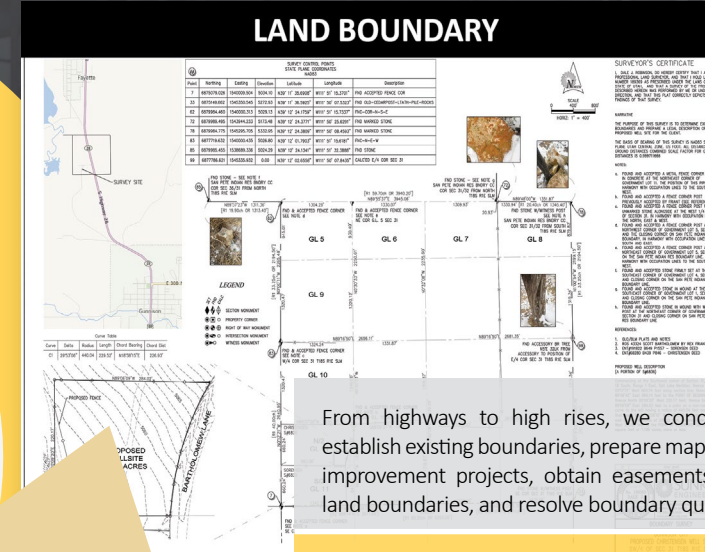
Our team is taking full advantage of new technologies in the mapping field. We have successfully integrated data collection from 3DLaser scanning and unmanned aerial vehicles (UAV) with more traditional GPS and conventional surveying methods to deliver a detailed mapping product. Our data is easily accessible and compatible with AutoCAD and/or Microstation.

- 3D Laser Scanning (static and mobile)
- Aerial Photography (UAV)
- Surface Modeling
- Quantities

SURVEY INTEGRATION

There are survey core competencies that are fundamental to all survey specialties. Sunrise Engineering's survey team works seamlessly between all specialties and provide a complete survey services product. Our capabilities include:

- Geodetic Survey Control
- State Plane Coordinate Systems
- Survey Control Reporting/Analysis
- Industry Standards of Practice



LAND BOUNDARY



From highways to high rises, we conduct the required surveys, establish existing boundaries, prepare maps and documents to support improvement projects, obtain easements/rights-of-way, create new land boundaries, and resolve boundary questions.

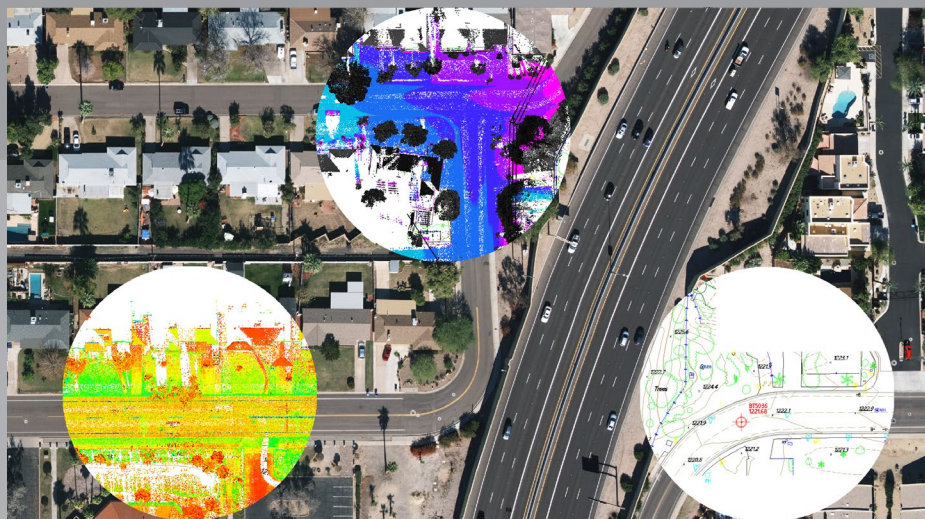
- Record of Survey
- Subdivision Plats
- Right-of-Way Surveys
- ALTA/NSPS Land Title Surveys
- Legal Descriptions/Documents
- PLSS Dependent Retracement

CONSTRUCTION STAKING



Sunrise provides clear and accurate stakes reports for construction. We have the experience to adjust to site conditions "on the fly". We use alignments and dxf files within our data collectors to eliminate or significantly reduce the need for rigid office-generated staking routines. We work on projects with tight tolerances (industrial concrete foundations), and tight schedules (solar array post layout), or conditions that require an innovative approach.

- Industrial/Mining
- Subdivisions
- Commercial
- Transportation
- Utilities



LICENSED SURVEYORS

SURVEYOR	LOCATION	STATES LICENSED
Dale Robinson, PLS	Salt Lake City, UT	UT, AZ, NV, ID, NM, CA
Burton Christensen, PLS	Salt Lake City, UT	UT, AZ
Tony Elley, RLS, CFedS	Phoenix, AZ	AZ, UT, CO, NV
Kevin Dawson, PLS	Salt Lake City, UT	UT
Gary Christensen, PLS	Salt Lake City, UT	UT, ID, PA, WY
Keith Bigelow, PLS	Richfield, UT	UT
Nicholas Jarrett, RLS	Phoenix, AZ	AZ
Rick Snyder, P.E., PLS	St George, UT	UT
Randy Smith, PLS	Salt Lake City, UT	UT
Jack Lyman, P.E., PLS	Logan, UT	UT

Established in 1978, Sunrise Engineering is acknowledged as a regional leader for professional engineering and consulting services. Our multi-disciplinary practice serves both public and private clients in a diverse range of projects across the western United States.

Our current staff includes 235 people, 40 of which are licensed engineers with a broad range of experience and diversity of skills. The majority of our work continues to be performed for loyal clients that value our ability to deliver quality work on schedule.

Sunrise has been honored to receive the national PSMJ Client Satisfaction Award for seven consecutive years. This award is based on a third-party survey administered by PSMJ, an organization that specializes in business excellence training for the Architects Engineers and Construction (AEC) Industry.

In addition to survey, Sunrise also provides engineering and related services including:

- Civil Engineering
- Geographical Information Systems (GIS)
- Environmental Engineering
- Structural Engineering
- Electrical Engineering
- Natural Gas Pipeline Design
- Energy Training
- Building Code Services
- Funding Assistance
- Construction Administration
- Renewable Energy Engineering



	Request for Qualifications Solicitation No. ADSP018-00007887 Description: 2018 Professional Services List	Arizona Department of Administration State Procurement Office 100 N 15th Ave., Suite 201 Phoenix, AZ 85007
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Attachment 2-B
Organization Profile

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

ORGANIZATION PROFILE

The firm shall complete a separate Organizational Profile document for each branch office.

Firm Name	Sunrise Engineering, Inc.		Year established	1989
Principal address (street, city, state)	2152 South Vineyard, Suite 123, Mesa, AZ 85210			
Entity type:	Corporation	Structure:	S Corporation	
Branch or Division:	Branch	Parent Company:	Sunrise Engineering, Inc.	
Years the organization has conducted business in Arizona.				29
Contract Representatives to Contact				
	Name	Title	Telephone Number	E-Mail Address
1.	Geoffrey Child	Principal	480.768.8600	gchild@sunrise-eng.com
2.	Greg Potter	Principal	480.768.8600	gpotter@sunrise-eng.com
Firm Professional Registration and Certifications (INCLUDE COPY OF DOCUMENT IN OFFER)				
	Description	Issuer	Number	Expiration
1.	Arizona Board of Technical Registration	State of Arizona	11044-1	03/04/2018
2.	Arizona transaction privilege tax license or (if applicable) Arizona Corporate Commission Certificate of Good Standing	State of Arizona	F00420797	N/A

ATTACHMENT 2-B SUPPLEMENTS:

(For submission of additional Organizational Profile qualifications beyond the number of forms provided in the Offer Documents: Offeror shall copy the Organizational Profile form in its entirety and complete in a separate Document for submission with the offer or type "None" on first line if not applicable. Offeror shall title Supplement(s) with the same beginning title as named herein, number sequentially in accordance with the number of Organizational Profile forms submitting and upload with offer.)

	Request for Qualifications Solicitation No. ADSP018-00007887 Description: 2018 Professional Services List	Arizona Department of Administration State Procurement Office 100 N 15th Ave., Suite 201 Phoenix, AZ 85007
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Attachment 2-B
Organization Profile

STATE MAY DETERMINE YOUR PROPOSAL IS NON-RESPONSIVE IF YOU DO NOT ANSWER ALL QUESTIONS FULLY.

ORGANIZATION PROFILE

The firm shall complete a separate Organizational Profile document for each branch office.

Firm Name	Sunrise Engineering, Inc.		Year established	2013
Principal address (street, city, state)	414 South Beeline Highway, Suite 1, Payson, AZ 85541			
Entity type:	Corporation	Structure:	S Corporation	
Branch or Division:	Branch	Parent Company:	Sunrise Engineering, Inc.	
Years the organization has conducted business in Arizona.			4	
Contract Representatives to Contact				
	Name	Title	Telephone Number	E-Mail Address
1.	Geoffrey Child	Principal	480.768.8600	gchild@sunrise-eng.com
2.	Greg Potter	Principal	480.768.8600	gpotter@sunrise-eng.com
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	Description	Issuer	Number	Expiration
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Gregory Potter, PE

WATER AND SEWER TEAM LEADER

Mr. Potter received his B.S.E. in Civil Engineering, from Arizona State University in 1993 and is a Registered Professional Engineer in Arizona and Utah. During his 21 year career at Sunrise Engineering his main focus has been computer modeling, master planning, engineering, design and construction administration of wastewater systems. Mr. Potter has also provided direct and indirect technical support on over 50 sanitary sewer projects encompassing collection, treatment, studies and sewer modeling.

EDUCATION

B.S. in Civil Engineering,
Arizona State University

YEARS IN PROFESSION

25 Years in Profession,
25 Years w/Sunrise Engineering

REGISTERED PE

Arizona #35581 and Utah #266266

MEMBERSHIPS

ASCE - American Society
of Civil Engineers,
APWA - American Public Works Assn.,
AFMA - Arizona Floodplain
Management Assn.
ULI - Urban Land Institute

PROFESSIONAL TRAINING

PSMJ - Project Mgmt. Boot Camp,
Urban Stormwater Management &
Detention Pond Design,
Scour Analysis for Bridge Design

RECENT/RELEVANT EXPERIENCE

Big Park Influent Lift Station | Big Park, AZ

Mr. Potter was the Project Principal for this project. The Big Park Influent Lift Station provides flows to the Big Park WWTP. The lift station was installed at an existing, end of the line, treatment plant site which could not be taken offline. This required coordination with the District, SEI, and the contractor to bypass the lift station until it was complete and brought online. The lift station is equipped with three VFD pumps, and redundant water level sensors. This allows the lift station to reliably handle between 200 gpm and 1,200 gpm. Additionally, Sunrise provided cost estimating, submittal and RFI reviews, construction observation, startup and commissioning assistance and overall construction administration services.

Gilbert Fiesta Tech Lift Station & Force Main | Gilbert, AZ

Mr. Potter was the Project Principal for this project. The Fiesta Tech area within the Town of Gilbert was connected to the City of Mesa's sewer system. The main goal of this project was to reconfigure the sewer service in this area so that the Town can service this area. This reconfiguration required disconnecting from the City of Mesa's system, reconfiguring 2,000 feet of gravity sewer, a new sewer lift station and force main. The new 5,500-foot long sewer force main will discharge into an existing manhole located at Guadalupe Road and east of the railroad tracks. This project required substantial public participation and negotiation with the underlying land owner for the new lift station site. Additionally, Sunrise provided cost estimating, submittal and RFI reviews and is providing overall construction administration services.

Laredo & Crestfield Lift Stations & Force Mains | Casa Grande, AZ

Mr. Potter was the Project Manager for the engineering and design of this project. For both Laredo and Crestfield Subdivisions, Sunrise provided the engineering design for each subdivisions' lift stations and force mains. Laredo's off-site sewer lift station and force main was required to connect the development's sewer collection system to the treatment plant located on the opposite side of Queen Creek Wash. Crestfield serviced three subdivisions containing over 1,100 single-family homes. Johnson Utilities served as the reviewing agency for these projects, then took over the projects once construction was completed.

Proven Experience

In every building inspection and plan review project, experience has taught us the best way to approach the task. With seven of our 12 staff members having 20+ years of experience, Sunrise has served as the building code inspector for such complex projects as the Utah State Capitol Building Restoration, the Utah Museum of Natural History and the Intermountain Hospital and Medical Center Complex. Through the years we have developed relationships of trust and respect with many construction managers, architects and owners. Our pricing is fair and competitive, and our turn-around time is tailored to the client's needs.

Sunrise has worked with public and private clients both large and small on a variety of projects that include:

Building Inspection

Civil and Municipal Engineering

Environmental & Energy Engineering

Electrical Engineering

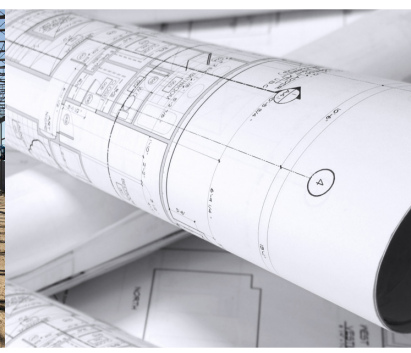
Natural Gas & Pipelines

Survey & GIS

Construction Administration

Funding Acquisition

Our clients can depend on us to carefully perform our inspections from initial plan review through certificate of occupancy. For more information and detailed descriptions of our company, please visit our website.



**Building Code Inspection
and Plan Review**



Client Focus

Sunrise places the client at the center of its practice. We collaborate with our clients to develop solutions that work within their constraints. Our goal is to achieve the optimum balance between cost and performance. Our success is measured by our clients' success.

Locations

With multiple offices in Utah, Wyoming, and Arizona, Sunrise has the specialized teams to expedite municipal projects throughout the western United States. We work to stay current on the latest civil, electrical, environmental and renewable energy engineering solutions.



Creating solutions that work and relationships that last.

Diverse Services—Successful Solutions

Sunrise provides complete building inspection and plan review services, for public and private clients. All work is performed by I.C.C. certified building inspectors and plans examiners. We focus on quality reviews, clear communication and quick turnaround times.



Building Inspection

- Residential and Commercial
- Building
- Plumbing
- Mechanical
- Electrical
- Energy Code
- Accessibility Compliance
- Vacation/Training Coverage



Expedited Services

- Expedited Plan Review
- Expedited Inspections
- After Hours Inspections
- Expedited Third-Party Plan Review



Third-Party Inspections

- EIFS/Special Inspection
- Quality Control
- Ceiling Grid
- Stucco Lath
- Schools
- ADA Compliance
- Specialized Hospital Inspections
- Fire Stop Assembly Inspections
- Fire Resistive Assembly Inspections



Plan Review

- Residential
- Commercial
- Municipal
- Energy Conservation
- Accessibility Compliance
- Fire Suppression
- Structural Review



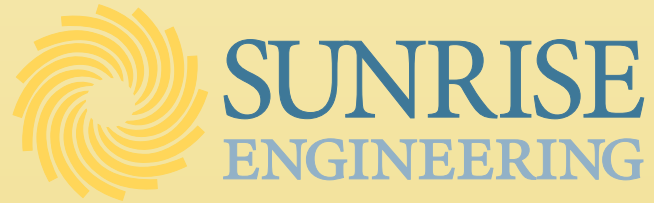
Special Services

- Peer Review
- Structural Peer Review
- Fire Code Review
- Code Consulting
- Value Engineering
- Engineering
- Energy Code
- Special Inspections By Contract
- Land and Zoning Code Enforcement
- Training

- Water Systems
- Wastewater
- Transportation
- SCADA
- GIS
(Geographic Information Systems)
- Land Development
- Civil
- Hydraulics
- Geotechnical
- Electrical
- Water Resources
- Environmental
- Surveying
- Building Inspection
- Construction Engineering
- Plan Review
- Natural Gas
- Renewable Energy



**Drainage
Services**



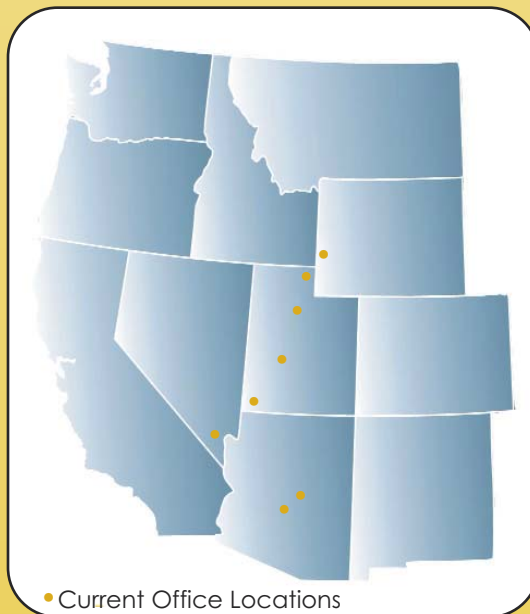
WHO WE ARE...

For over 30 years, Sunrise Engineering has been a recognized leader in providing professional design and consulting services. Our multidisciplinary practice areas serve our development sector clients in a diverse range of geographic locations and markets.

At Sunrise Engineering we understand when you select an engineering firm, you are ultimately selecting people. Our staff of over 200 people have the technical expertise, are service-oriented and will communicate well on your project. Sunrise is the right-size firm. Large enough to handle the project, small enough to be flexible.

OFFICE LOCATIONS

With the multiple office locations, Sunrise can supply the service and expertise of our highly-qualified staff to clients in the western states. We believe the best way to service our clients is to be close to them and their projects.

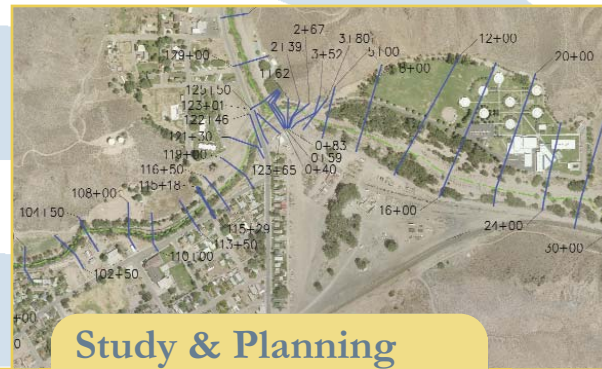


• Current Office Locations

In summary, with our in-depth knowledge, wide range of services and experienced staff, Sunrise Engineering can accomplish a variety of project types, large or small. We welcome the opportunity to show how we can help with your next project. For a complete description of our company, locations and services we provide please visit our website at: www.sunrise-eng.com

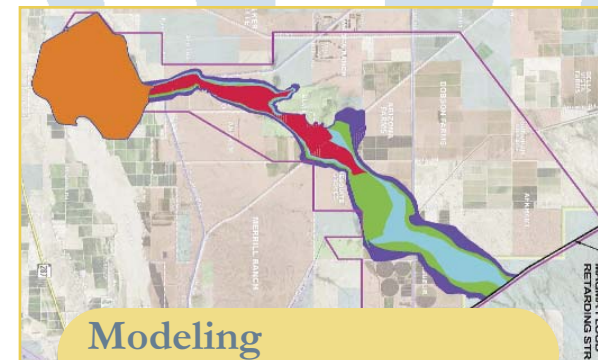
DRAINAGE SERVICES

Storm runoff and flood control is essential to safely manage the rainfall and runoff from storm events. Over our 30-year history, we have provided planning, design and construction management services for municipalities, flood control districts and federal agencies. We are very aware of the design factors and the local and federal regulations that govern your project. Our portfolio includes a variety of projects ranging from small channel improvements to large, 1300-square mile drainage basin projects. We can apply our experience and expertise on your projects. Sunrise Engineering can offer comprehensive services for drainage projects that range from project conception through planning, design and construction.



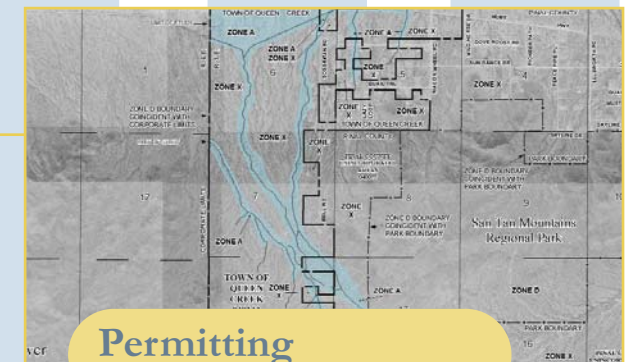
Study & Planning

- Master Drainage Studies
- Water Quality and Quantity
- Floodplain Mapping
- Alluvial Fan Modeling
- Floodway Delineation
- Hydrology and Hydraulics
- Flood Mitigation
- Parking Lot & Roadway Drainage Calculations
- Urban Storm Water Studies & Design



Modeling

- Reservoir Routing Flood Modeling
- Evaluations Requiring HEC-1 and HEC-RAS Computer Modeling
- 100-year FEMA Flood Plain Determinations
- Culvert & Bridge Capacity Evaluations
- Agricultural Canal Capacity Studies
- Dam Spillway Capacity Evaluations
- Basin Water Use Profiles
- Available Surface & Groundwater
- Surface Water Data synthesis & Model Development



Permitting

- FEMA Applications
- CLOMR
- LOMR
- Flood Plain Use Permits



Survey

- Boundary Survey
- Topographic Survey
- Construction Staking
- Easements
- Right-of-Way



Detail Design

- Bridge & Culvert Design
- Dams & Levees
- SWPPP's (Storm Water Prevention Pollution Plan)
- Channel Design
- Flood Control Design
- Storm Drain System Design
- Detention & Retention Facilities
- Emergency Access & Action Plans

Proven Process

In every environmental study project, experience has taught us the best way to approach the task. Since its inception in 1978, Sunrise has developed highly effective client service, quality control and project management processes. We have learned to streamline our project teams, apply the strongest experience, integrate proven quality assurance techniques, and refine the most advantageous approach to each client's project.

Sunrise has worked with many clients both large and small on a variety of projects including:

Environmental Services

- Audit and Site Assessments
- Environmental Assessments
- Permitting
- Studies and Planning

Renewable Energy

Civil Engineering

Electrical Engineering

Natural Gas Engineering and Training

Land Surveying

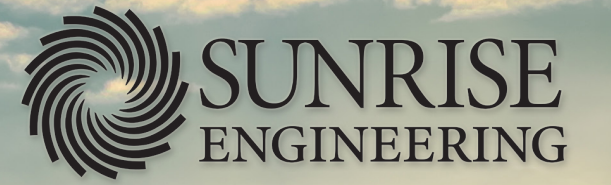
Geographic Information Systems (GIS)

Building and Safety

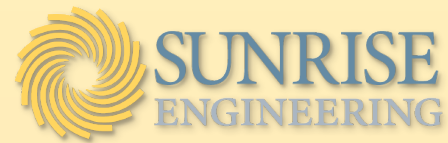
Our clients can depend on us to carefully administer projects from conceptualization through construction administration. For more information and detailed descriptions of our projects, please visit our website.



sunrise-eng.com



Environmental Engineering Services



Client Focus

Sunrise places the client at the center of its practice. We collaborate with our clients to develop solutions that work within their constraints. Our goal is to achieve the optimum balance between cost and performance. Our success is measured by our clients' success.

Locations

With multiple offices in Utah, Wyoming, Arizona and Nevada, Sunrise has the specialized teams to expedite environmental engineering projects throughout the western United States. We work to stay current on the latest environmental and civil engineering solutions.



Creating solutions that work and relationships that last.

Diverse Services—Successful Solutions

Our specialized team of environmental and civil engineers helps the client navigate environmental requirements. We identify and evaluate potential environmental impacts and develop mitigation measures to minimize or prevent adverse impacts.



Audit and Site Assessment

- Environmental Audits
- Transaction Screens and Due Diligence Assessments – Phase I and Phase II
- Environmental Liability
- Risk Assessments



Hazardous Waste & Materials Management

- Hazardous Materials Permits –RCRA, HSWA and State Permits
- Emergency Response Plans
- Contingency Plans



Environmental Permitting Services

- Plan of Operations
- Planning and Project Feasibility Studies
- Regulatory and Permit Compliance –Reporting Management Services
- Environmental Monitoring Programs
- Conditional and Special Use Permits
- Site Closure and Reclamation Plans
- Erosion Control SWPP Plans and BMPs
- Clean Water Act Section 404 Permits/401 Certificates
- Water Pollution Control Permits
- Water Management Plans & Feasibility Studies



Environmental Assessment

- Environmental Assessments
- Resource Management Plans
- Resource Management Plan
- Baseline Data Collections & Surveys
- Photo Simulations



Air Quality Assessment

- Emissions Inventories and Assessments
- Dispersion, Visibility and Off-site Consequence Analysis Modeling
- Ambient Monitoring Services –Audits, QA/QC, Opacity, Design & Operation
- Emission Control Technology Evaluations –BACT, LAER, BART, RACM and NvMACT

Proven Process

In every municipal project, experience has taught us the best way to approach the task. Since its inception in 1978, Sunrise has developed highly effective client service, quality control and project management processes. We have learned to streamline our project teams, apply the strongest experience, integrate proven quality assurance techniques, and refine the most advantageous approach to each client's project.

Sunrise has worked with many cities both large and small on a variety of projects including:

Civil/ Municipal Services

- Water Systems
- Water Resources
- Wastewater Systems
- Storm Water Systems
- City Engineering
- Parks & Trails
- Site Development
- Transportation
- Hydrology & Hydraulics

Environmental & Renewable Energy

Electrical Engineering

Natural Gas & Pipelines

Building Code Inspection & Plan Review

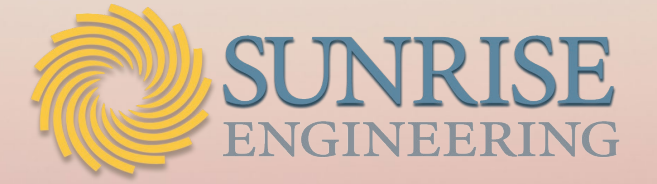
Land Surveying

Geographic Information Systems (GIS)

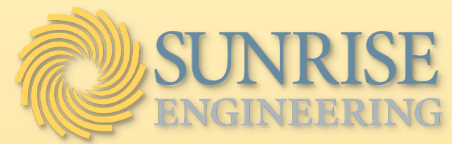
Funding Acquisition

Construction Administration

Our clients can depend on us to carefully administer projects from conceptualization through construction administration. For more information and detailed descriptions of our projects, please visit our website.



Municipal Engineering Services



Client Focus

Sunrise places the client at the center of its practice. We collaborate with our clients to develop solutions that work within their constraints. Our goal is to achieve the optimum balance between cost and performance. Our success is measured by our clients' success.

Locations

With multiple offices in Utah, Wyoming, Arizona and Nevada, Sunrise has the specialized teams to expedite municipal projects throughout the western United States. We work to stay current on the latest civil, electrical, environmental and renewable energy engineering solutions.



Creating Solutions that work and Relationships that last

Diverse Services—Successful Solutions

Our municipal engineering department supports clients at every stage—from studies, master planning and funding to survey, GIS, design, bidding and construction administration.



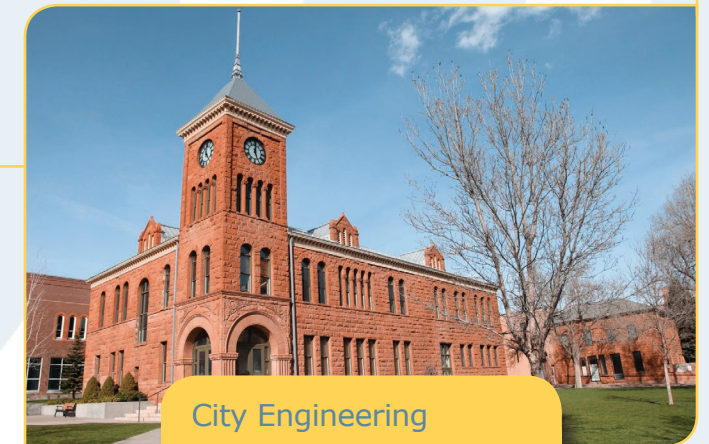
Water

- Distribution Systems
- Storage Facilities
- Pump Stations
- Treatment Facilities
- Water Source Development
- Irrigation Facilities



Storm Water

- Storm Drain Design
- Hydrology & Hydraulics
- Flood Control Design
- FEMA Applications



City Engineering

- Civil Engineering
- Standards Development
- Administrative Services
- Development Review
- Site Inspection
- Building Code Inspection



Wastewater

- Collection Systems
- Lift Stations
- Treatment Facilities
- Effluent Reuse



Site Development

- Parks and Trails
- Recreation Facilities
- Municipal Buildings
- Community Facilities



Transportation

- Road & Highway Design
- Drainage
- Right-of-Way
- Utility Coordination
- Permitting
- Signals and Lighting
- DOT Projects
- Transportation Hubs

Water Systems

Wastewater

Transportation

SCADA

GIS

(Geographic Information Systems)

Land Development

Civil

Hydraulics

Geotechnical

Electrical

Water Resources

Environmental

Surveying

Building Inspection

Construction Engineering

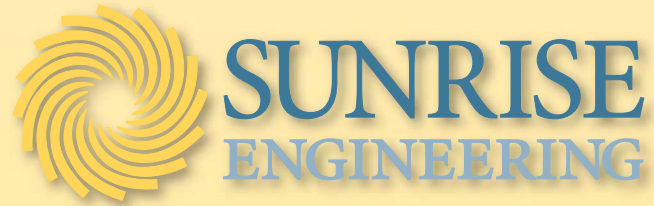
Plan Review

Natural Gas

Renewable Energy



**Transportation
Services**



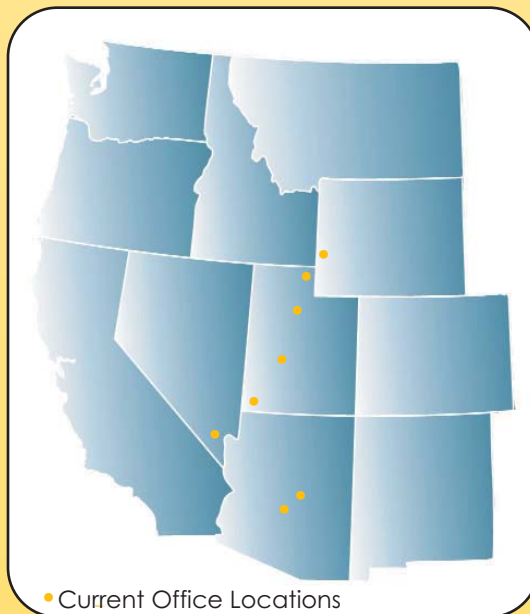
WHO WE ARE...

For over 30 years, Sunrise Engineering has been a recognized leader in providing professional design and consulting services. Our multidisciplinary practice areas serve our development sector clients in a diverse range of geographic locations and markets.

At Sunrise Engineering we understand when you select an engineering firm, you are ultimately selecting people. Our staff of over 200 people have the technical expertise, are service-oriented and will communicate well on your project. Sunrise is the right-size firm. Large enough to handle the project, small enough to be flexible.

OFFICE LOCATIONS

With the multiple office locations, Sunrise can supply the service and expertise of our highly-qualified staff to clients in the western states. We believe the best way to service our clients is to be close to them and their projects.

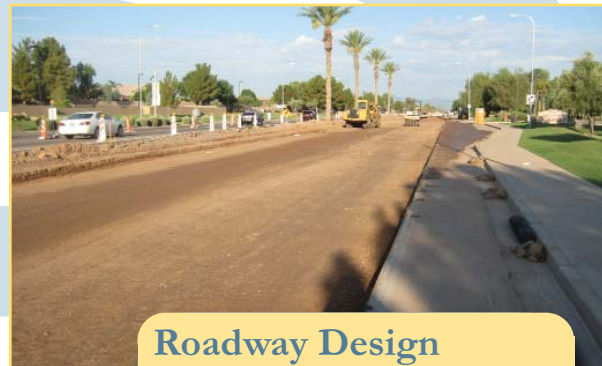


• Current Office Locations

In summary, with our in-depth knowledge, wide range of services and experienced staff, Sunrise Engineering can accomplish a variety of project types, large or small. We welcome the opportunity to show how we can help with your next project. For a complete description of our company, locations and services we provide please visit our website at: www.sunrise-eng.com

TRANSPORTATION SERVICES

Taking transportation projects from the planning and preliminary stage through final engineering, permitting, approval and construction is one of the strongest skills within Sunrise Engineering. Our experience includes working with municipalities, counties and transportation departments in the planning, design and construction of transportation projects. Our experience ranges from simple roadway widening projects to interstate reconstruction projects. Sunrise Engineering can offer comprehensive services for transportation projects that range from project conception through planning, design and construction.



Roadway Design

- Street Widening
- Roadway Rehabilitation
- Curb, Gutter and Sidewalks
- Downtown Enhancement
- Traffic Engineering
- Transit Design
- Permitting
- Environmental Documentation
- Intersection Analysis & Design
- Utility Coordination
- Utility Relocation Design
- Cost Estimates



Drainage

- Hydrology & Hydraulic Design
- Detention Basin Modeling & Design
- Water Surface Modeling
- Bridge Scour Analysis
- Drainage Structures
- Erosion Control Design
- 404 Permitting
- Drainage Studies



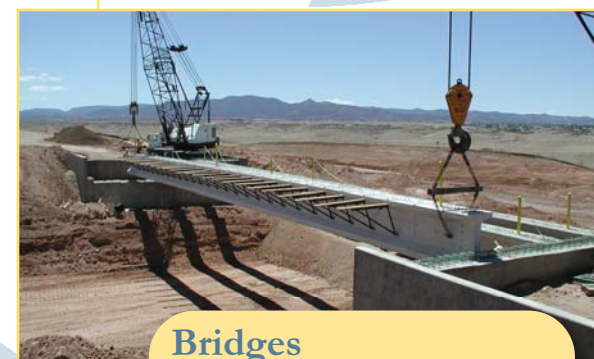
Transportation Planning

- Pre Design Services
- Project Assessments (PA's)
- Design Concept Reports (DCR's)
- Corridor Studies & Concept Plans
- Transportation Master Plans
- Pavement Management
- Funding Applications



Survey & Right-of-way

- Right-of-Way Research
- Boundary Survey
- Right-of-Way Documentation
- Topographic Survey
- Construction Staking
- Easements



Bridges

- Multi-Span Bridge Design
- Single Span Bridge Design
- Box Culvert Design
- Interchange Design



Construction Administration

- Preconstruction Services
- Bidding & Award Services
- Construction Management
- Construction Inspection
- Document Compliance Verification
- As-Built Plans
- Project Closeout

Water Systems

Wastewater

Transportation

SCADA

GIS (Geographic Information Systems)

Land Development

Land Planning

Civil

Hydraulics

Geotechnical

Electrical

Water Resources

Environmental

City Engineering

Surveying

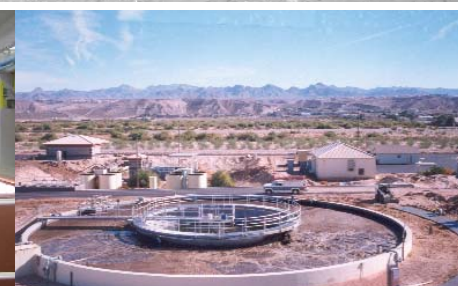
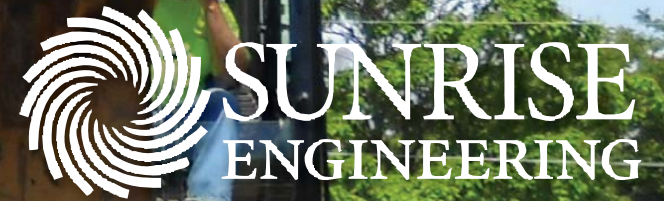
Building Inspection

Construction Engineering

Plan Review

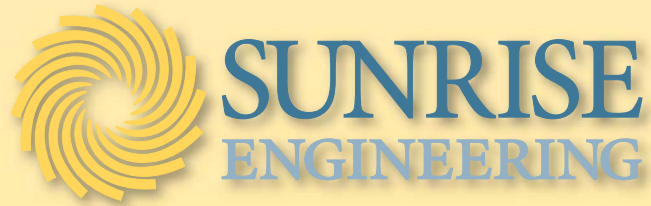
Natural Gas

Renewable Energy



480.768.8600
www.sunrise-eng.com

WASTEWATER SERVICES



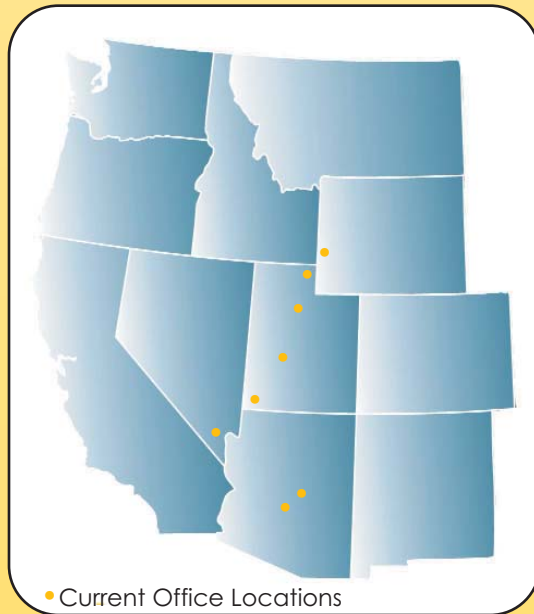
WHO WE ARE...

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OFFICE LOCATIONS

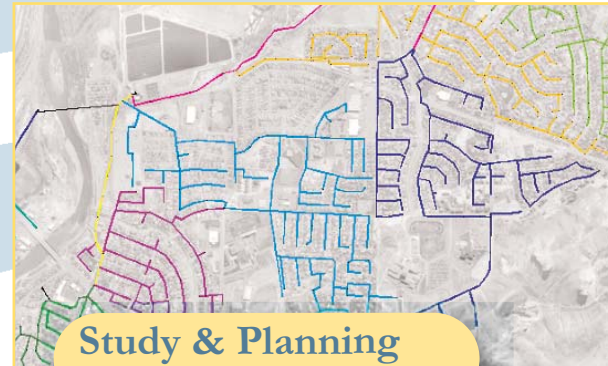
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MUNICIPAL ENGINEERING: WASTEWATER RESOURCES:

Reliable and cost effective wastewater systems are a vital service for any community. Over our 30 year history, we have provided planning, design and construction management services for municipalities, sewer districts and private utility companies. Our portfolio includes a variety of projects ranging from small collection system extensions to large, city wide, collection system and treatment plant projects. We can apply this experience and expertise for you.



Study & Planning

- Collection System Modeling
- Master Planning
- Feasibility Studies
- User Rate Studies
- Connection Fee Studies
- Cost Estimates
- Deficiency Analysis
- System Condition Inventory



Treatment & Disposal

- Treatment Type Analysis
- Membrane Filtration
- Conventional Treatment
- Pilot Plants
- Treatment Plant Expansions
- Odor Control Facilities
- Disinfection Facilities
- Sludge Handling



Collection Systems

- Gravity Collection Systems
- Low Pressure Sewer Systems
- Service Laterals
- System Refurbishment
- System Replacement
- Manholes, Vaults & Wet Wells



Lift Stations

- Wastewater Lift Stations
 - Wet Pit/Dry Pit
 - Submersible
 - Fixed and Variable Speed
- Force Mains
- Raw Wastewater Metering
- Stand-by Power Generation



Recycle & Reuse

- Effluent Reuse
- Winter Storage
- Agricultural Application
- Golf Course Irrigation
- Landscape Irrigation

Funding Assistance

Sunrise provides complete funding administration services for many of its customers' projects. We have full-time funding administrators who work intimately with agencies to research and coordinate funding resources. This helps ensure a funding package that is financially affordable and politically acceptable.

Funding Experience Includes:

- State Funding (WIFA, etc.)
- Federal Funding (RD, etc.)
- Improvement Districts
- Service Districts
- Inter-local Agreements
- Bonding



Justin Van De Graaff, P.E.

ROADWAY ENGINEERING & UTILITY COORDINATION

Justin Van De Graaff has had much experience leading up to his career with Sunrise Engineering. He worked in the residential side of construction, managing crews to build custom homes. He then moved on to performed commercial construction management, managing the construction of such places as Cabelas in Glendale, AZ and The Marriott Hotel Ballroom in northern Scottsdale, AZ. Justin Van De Graaff graduated with a B.S.E. in Civil Engineering from Arizona State University. Upon graduation, he held an internship as an EIT performing Commercial Land Development and Site design. He also worked under a Geotechnical Engineer as a Soils and Building Materials Inspector. He is a certified Engineer-in-Training whose work experience includes the preparation of technical reports (drainage, water, sewer, SWPPP), drafting construction documents for a wide range of projects from new water service line design to road reconstruction, utility coordination, and conducting project research both for current and up-coming jobs.

EDUCATION

B.S. in Civil Engineering,
Arizona State University;

YEARS IN PROFESSION

9 years in Profession,
7 years w/Sunrise Engineering

RECENT/RELEVANT EXPERIENCE

University Drive Reconstruction | Mesa, AZ

Justin served as project engineer for The City of Mesa's University Drive Reconstruction project, which included roadway reconstruction and water main documents, for 1.6 miles of University Drive from Sossaman Road to ADOT Right-of-Way (650' east of 88th Street).

Sossaman & Queen Creek Roads Intersection | Queen Creek, AZ

Justin was the project manager for this fast-tracked project for the Town of Queen Creek which included the fast-tracked redesign of the intersection at Sossaman and Queen Creek Roads. The redesign included topographic survey and basemapping and civil design necessary for the addition of north and southbound left hand turn lanes. Sunrise Engineering also coordinated approvals by MCDOT.

ADDITIONAL PROJECT EXPERIENCE

- Water Main Replacement, Phase 3 – Chandler, AZ
- SRP Highline Canal Beautification – Guadalupe, AZ
- Bethany Home Road Local Drainage – Phoenix, AZ
- Myrtle Avenue Drainage Mitigation – Phoenix, AZ
- Town of Guadalupe Roadways Reconstruction – Guadalupe, AZ
- Sky Wash Apex Drainage – Buckeye, AZ
- Heritage Road Realignment – Pinal County, AZ
- Watson Road – Buckeye, AZ
- Higley Road & Santan Boulevard – Gilbert, AZ
- Yearling Road – Peoria, AZ
- Guadalupe Road / Avenida del Yaqui Intersection Ramps – Guadalupe, AZ

Proven Process

In every water project, experience has taught us the best way to approach the task. Since its inception in 1978, Sunrise has developed highly effective client service, quality control and project management processes. We have learned to streamline our project teams, apply the strongest experience, integrate proven quality assurance techniques and refine the most advantageous approach to each client's project.

In addition to water system engineering, Sunrise provides the following services:

Civil and Municipal Engineering

Land Survey and GIS

Site Development Engineering

Construction Administration and Observation

Funding Assistance

Environmental and Renewable Energy Engineering

Building Code Inspection and Plan Review Services

Electrical Engineering

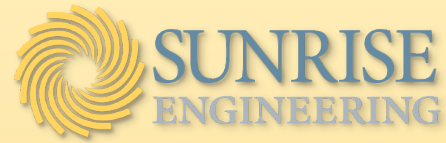
Natural Gas Pipeline Design Engineering

Energy Training

Our clients can depend on us to carefully administer projects from conceptualization through construction administration. For more information and detailed descriptions of our projects please visit our website.



Water System Engineering



Client Focus

Sunrise places the client at the center of its practice. We collaborate with our clients to develop solutions that work within their constraints while achieving the optimum balance between cost and performance. Our success is only measured by our clients' success.

Locations

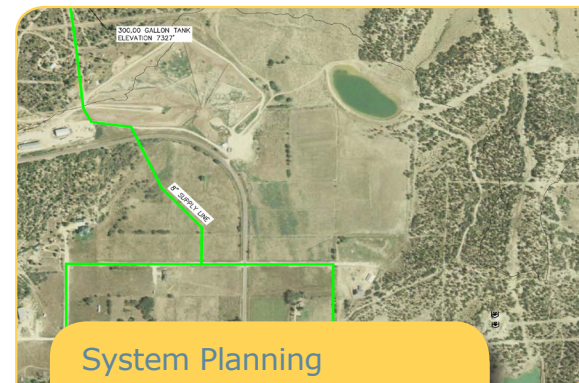
With multiple offices in Utah, Wyoming, Nevada, and Arizona, Sunrise has the specialized teams to expedite the development of water system projects throughout the western United States. We work to stay current on the latest civil, electrical, environmental and renewable energy solutions.



Creating
Solutions that work
and Relationships
that last

Diverse Services—Successful Solutions

Sunrise Engineering has assisted a variety of clients with their water system engineering needs. With a roster of comprehensive services, our firm supports clients at every stage, from planning and design to construction administration and observation.



System Planning

- Water System Modeling
- Master Planning
- Feasibility Studies
- User Rate Studies
- Connection Fee Studies
- Deficiency Analysis
- System Condition Inventory



Water Treatment

- Treatment Type Analysis
- Membrane Filtration
- Conventional Treatment
- Pilot Plants
- Treatment Plant Expansions



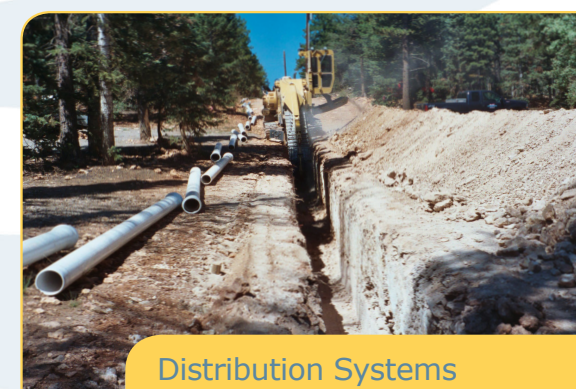
Source Development

- Groundwater Studies
- Well Siting and Design
- Well Pumps and Equipping
- Submersible Pumps
- Vertical Turbine Pumps
- Spring Development



Water Storage

- Storage Calculations
- Fire Flow Storage
- Steel Water Tanks
- Concrete Water Tanks



Distribution Systems

- Distribution Piping
- Transmission Piping
- Pressure Reducing Valves
- Booster Pumps, Valving, Fire Hydrants and Appurtenances
- Water Service and Meters

Funding Assistance

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- Federal Funding (RD, etc.)
- Improvement Districts
- Service Districts
- Inter-local Agreements
- Bonding

SAM Search Results
List of records matching your search for :

Search Term : sunrise* engineering* inc.*
Record Status: Active

ENTITY [REDACTED] SUNRISE PACIFIC, INC.	Status:Active
DUNS: 604206255 +4:	CAGE Code: 549J4 DoDAAC:
Expiration Date: Feb 11, 2019 Has Active Exclusion?: No	Debt Subject to Offset?: No
Address: 69 SANDERS RANCH RD City: MORAGA ZIP Code: 94556-2803	State/Province: CALIFORNIA Country: UNITED STATES
ENTITY [REDACTED] SUNRISE ENGINEERING, INC.	Status:Active
DUNS: 106888803 +4:	CAGE Code: 0GXX5 DoDAAC:
Expiration Date: Jan 7, 2019 Has Active Exclusion?: No	Debt Subject to Offset?: No
Address: 25 E 500 N City: FILLMORE ZIP Code: 84631-3513	State/Province: UTAH Country: UNITED STATES



Arizona State Board of Technical Registration

Firm Search Results

Name	City	State	Services/Discipline	Business Type	Registration Status
Sunrise Engineering, Inc.	Fillmore	UT	Surveying, Civil	Firm Registration	Active

1

New Search

Display Result: 10 ▾



Arizona State Board of Technical
Registration

[STATEWIDE POLICIES](#) [AGENCY POLICIES](#) [SITEMAP](#) [FACEBOOK](#)

STATE OF ARIZONA
BOARD OF TECHNICAL REGISTRATION

■ BRANCH OFFICE REGISTRATION ■

BRANCH OFFICE NAME
Sunrise Engineering, Inc.

BRANCH REGISTRATION NO.: 11044-4

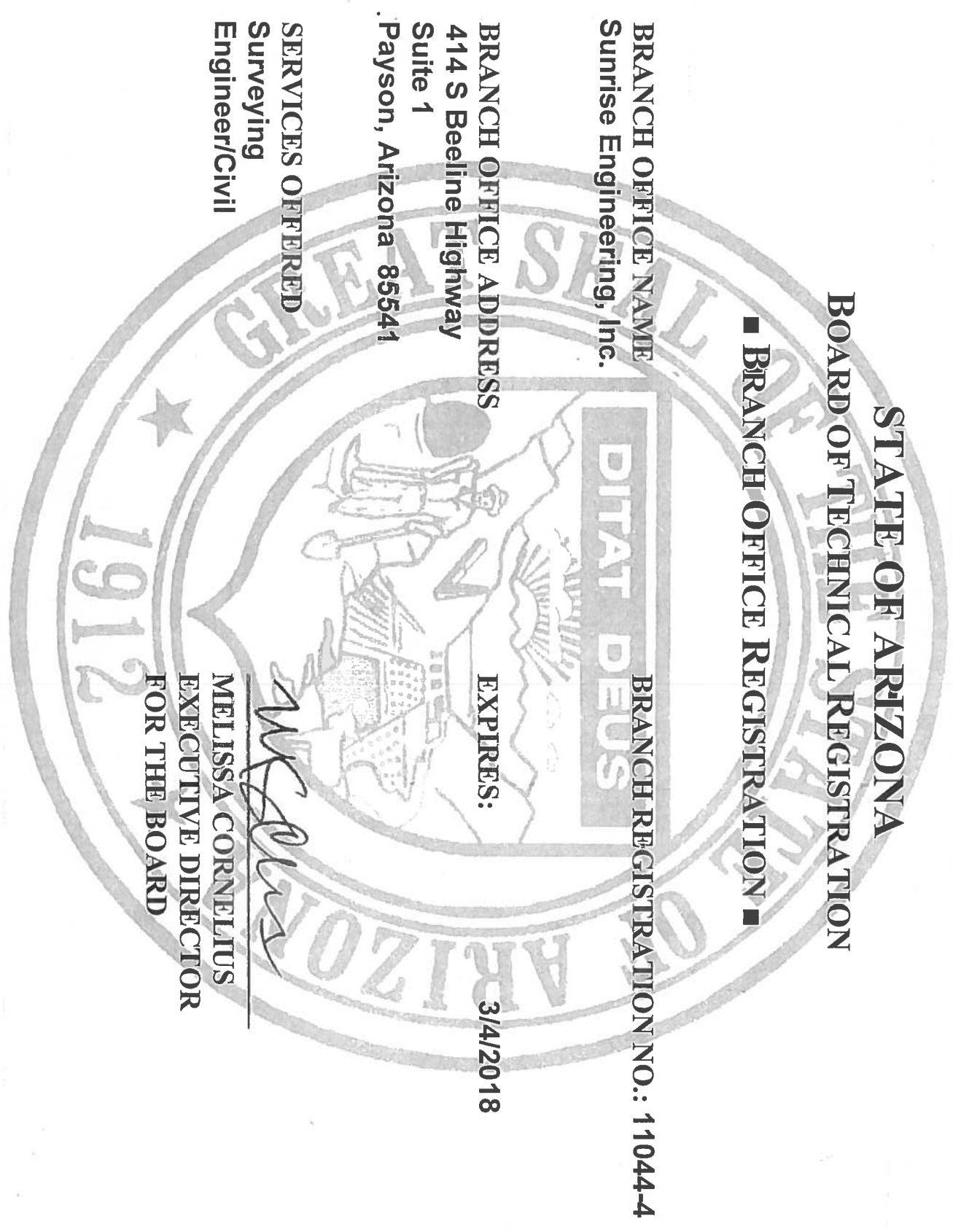
BRANCH OFFICE ADDRESS
414 S Beeline Highway
Suite 1
Payson, Arizona 85541

EXPIRES:

3/4/2018

SERVICES OFFERED
Surveying
Engineer/Civil


MELISSA CORNELIUS
EXECUTIVE DIRECTOR
FOR THE BOARD



STATE OF ARIZONA



Office of the
CORPORATION COMMISSION

CERTIFICATE OF GOOD STANDING

To all to whom these presents shall come, greeting:

I, Ted Vogt, Executive Director of the Arizona Corporation Commission, do hereby certify that

*****SUNRISE ENGINEERING, INC.*****


a foreign corporation organized under the laws of Utah did obtain authority to transact business in the State of Arizona on the 19th day of November 1988.

I further certify that according to the records of the Arizona Corporation Commission, as of the date set forth hereunder, the said corporation has not had its authority revoked for failure to comply with the provisions of the Arizona Business Corporation Act; and that its most recent Annual Report, subject to the provisions of A.R.S. sections 10-122, 10-123, 10-125 & 10-1622, has been delivered to the Arizona Corporation Commission for filing; and that the said corporation has not filed an Application for Withdrawal as of the date of this certificate.

This certificate relates only to the legal authority of the above named entity as of the date issued. This certificate is not to be construed as an endorsement, recommendation, or notice of approval of the entity's condition or business activities and practices.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Arizona Corporation Commission. Done at Phoenix, the Capital, this 17th day of January, 2018, A. D.




Ted Vogt, Executive Director

By: 1810676