



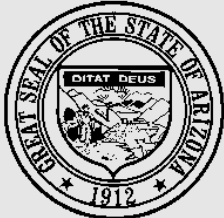
**Request for Qualifications**  
 Solicitation No.  
**ADSP017-00006796**  
 Description:  
**2017 Annual Professional Services List**

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

Part 4 of the Solicitation Documents:  
**Offer Forms**  
 (Attachments)  
 Date: February 7, 2017

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Attachment 1  
**Offer and Acceptance Form**

**SUBMISSION OF OFFER:** Undersigned hereby offers and agrees to provide qualifications for **2017 Annual Professional Services List** in compliance with the Solicitation indicated above and our Offer indicated by the latest dated version below:

Initial Offer:	1.	02/15/2017	WAL
	date		initial

**Entellus, Inc.**

Offeror company name

3033 North 44<sup>th</sup> Street, Suite 250

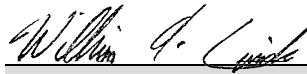
Address

Phoenix, AZ, 85018

City | State | ZIP

86-0529793

Federal tax identifier (EIN or SSN)



WAL

Signature of person authorized to sign Offer

Initials

Bill Linck, Sr. Vice President

Printed name and title

Bill Linck, Sr. Vice President

Contact name and title

linck@entellus.com (602) 244-2566


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 **ADSP017-00006796** at the top of this form, and which was dated 02/15/17 (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:** ADSP017-00006796 **The effective date of the Contract is:** 04/03/17-01/31/18 **Contract awarded** 04/03/17



Procurement Officer signature

Gina DeCotiis

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**

Architect Services, Engineer Services, Land Surveying Services, Assayer Services, Geologist Services and Landscape Architect Services: Those professional services within the scope of the practice of those services as provided in A.R.S § 32-101.

**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.

**Firm:** Defined in A.R.S § 32-101(B.13.).

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

**Structure:** How a business is organized to accomplish its objectives (ie, Sole Proprietor, Limited Liability Company, Cooperative, Corporation, Partnership, S Corporation).

**1.0 Five (5) Example Projects**

List no more than five (5) **ARIZONA PROJECT** Example Projects Which Best Illustrate Firms Qualification for this contract in the chart provided below. Select project 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
<b>Val Vista Water Transmission Main Phase 3, Mesa, AZ</b>	2016	2016	City of Mesa	\$670K	\$1.2M (Major scope additions made at a later date)	Designed 48-inch Transmission Water Main, 12-inch & 16-inch well delivery lines, 30,000 gallon surge tank and special valving and improvements to City Well Sites 25 and 27.
<b>South Phoenix/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b>	2016	N/A	City of Phoenix	\$49K	\$49K	Entellus reviewed drainage reports and as-builts drawings for four sub-division developments to provide a clear understanding of their current infrastructure conditions and how they functioned during storms. Entellus documented the damage from the 2014 storms and looked for ways to prevent or minimize future flood damage in the area.
<b>Layton Lakes Force Main Rehabilitation and Replacement, Gilbert, AZ</b>	2016		Town of Gilbert	\$400K	\$400K	Entellus conducted a feasibility study and final design for the rehabilitation and the reconstruction of the Layton Lakes dual Force Mains (14" & 18" concrete-lined DIP) which convey flows from the Layton Lakes Lift Station to the Mesa Gilbert South Water Reclamation Plant over approximately 13,500 linear feet. The results from this study led to the recommendation of a combination of replacement (approximately 1,466 linear feet) and rehabilitation (approximately 10,643 linear feet) approximately 2.3 miles. The project is currently under construction and Entellus is providing construction administration.



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<b>Germann Road Improvements, Val Vista to Higley, Gilbert, AZ</b>	2014	2016	Town of Gilbert	\$808K	\$808K	Improvements to Germann Road from Val Vista Drive to 164th Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.
<b>32<sup>nd</sup> Street Roadway and Multi-Use Path</b>	2016		City of Phoenix	\$188K	\$405K (Contract Modification to go from study to final design)	The City of Phoenix retained Entellus to develop a Design Concept Report (DCR) and then complete final design plans for 32nd Street from Broadway Road to Southern Avenue. The project purpose was to provide connectivity from South Mountain Park to the Rio Salado path near the Salt River as part of the City's trail system. This project initially was limited to half street roadway improvements to include bike lanes and a 10-foot multi-use trail during the DCR phase. Final design included ultimate street improvements designed for five lanes with curb, gutter, sidewalks, ADA upgrades, drainage improvements, street light and traffic signal improvements in addition to bike lanes and 10-foot multi-use trail. Entellus assisted the City in extensive right-of-way and utility coordination including SRP Irrigation and SRP Electric relocations. Additionally, environmental evaluation was included in the DCR and coordination of archaeological monitoring during construction. Project is currently under construction.

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Attachment 2-A  
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## 2.0 EMPLOYEES BY DISCIPLINE

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

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	6	N/A
CADD Technician	S	2	N/A
Civil Engineer	P	12	N/A
Construction Manager	P	2	N/A
Construction Inspector	P	1	N/A
Cost Engineer/Estimator	S	2	N/A
Geographic Information System Specialist	P	1	N/A
Sanitary Engineer	S	5	N/A
Survey RLS	P	2	N/A
Survey Technicians	P	6	N/A
Technician/Analyst	P	5	N/A
Transportation Engineer	S	4	N/A
Water Resources Engineer	S	3	N/A
<b>Total</b>		49	



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### 3.0 FIRMS EXPERIENCE AND REVENUE

- a. Firm shall complete the Excel spreadsheet titled "Amendment I Project Experience Number of Projects and Revenue", using same document title and upload in Excel format as an "Attachment" with firm's offer in ProcureAZ. [\(NOTE: Amendment I version clarifies column instructions and additions of project experience categories\).](#)

### 4.0 FIRMS SERVICES

- a. Firm shall complete the Excel spreadsheet titled "**2017 Professional Services List of Firms Services**" [shall be completed and uploaded in Excel format only as an "Attachment" in ProcureAZ at time of offer submission.](#)



Amendment I ADSP017-00006796 Project Experience Number of Projects and Revenue  
 ADSP017-00006796 2017 Annual Professional Services Qualifications List

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	40	4	4
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; Navajids; 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	12	6	1	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	5	4		Nuclear Facilities; Nuclear Shielding			
Cold Storage; Refrigeration and Fast Freeze				Office Buildings; Industrial Parks	1	1	
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	40	6	3	Plumbing and Piping Design			
Construction Materials Testing				Pneumatic Structures; Air-Support Buildings			
Construction Surveying	120	2	6	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	2	1		Public Safety Facilities	1	1	
Cryogenic Facilities				Radar; Sonar; Radio and Radar Telescopes			
Dams (Concrete; Arch)				Radio Frequency Systems and Shieldings			
Dams (Earth; Rock); Dikes; Levees				Railroad; Rapid Transit	6	2	
Desalination (Process and Facilities)				Recreation Facilities (Parks, Marinas, Etc.)	3	3	
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	5	3	
Dining Halls; Clubs; Restaurants	1		1	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	7	2	2	Seismic Designs and Studies			
Electrical Studies and Design				Sewage Collection, Treatment and Disposal	6	4	2
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	7	3	
Fire Protection				Structural Design; Special Structures			
Fisheries; Fish Ladders				Surveying; Platting; Mapping; Flood Plain Studies	5		1
Forensic Engineering	3		1	Sustainable Design	5		1
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	10		2
Heating; Ventilating; Air Conditioning				Towers (Self-Supporting and Guyed Systems)			
Highways; Streets; Airfield Paving; Parking Lots	38	7		Toxicology			
Historical Preservation				Traffic and Transportation Engineering			
Hospital and Medical Facilities				Traffic Studies			
Hotels; Motels				Transportation	10	2	2
Housing (Residential, Multi-Family; Apartments; Condominiums)	25		3	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	20	2	2	Water Supply; Treatment and Distribution	20	6	
Irrigation; Drainage				Water Well Rehabilitation; Water Well Work			
Judicial and Courtroom Facilities				Wind Tunnels; Research/Testing Facilities Design			
Laboratories; Medical Research Facilities				Zoning; Land Use Studies	2		1
Labs - General							
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



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**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
	<b>City of Phoenix / 200 W. Washington St, 5<sup>th</sup> Floor, Phoenix, AZ 85003</b>	<b>Hasan Mushtaq</b>	<b>7/15</b>	<b>10/16</b>
	Phone Number	Email Address		
	<b>(602) 262-4026</b>	<b>hasan.mushtaq@phoenix.gov</b>		
	List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities.			
	<b>South Mountain/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b>			
	Original/Final Design Fee: \$49K / \$49K			
	Construction Costs: N/A			
	Program Facilities: Recommendations to prevent or minimize future flood damage in the area.			
	Services performed similar to those described in Solicitation			
	Cost Estimating, Infrastructure, Drainage, Land Survey, Storm Water Handling, Water Resources			
2	Client Company/Address	Contact	Begin Date	End Date
	<b>Town of Gilbert / 90 East Civic Center Drive, Gilbert, AZ 85296</b>	<b>Ken Snow</b>	<b>October 2016</b>	<b>December 2016</b>
	Phone Number	Email Address		
	<b>(480) 503-6937</b>	<b>ken.snow@gilbertaz.gov</b>		
	List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities.			
	<b>Layton Lakes Force Main Emergency Repair, Gilbert, AZ</b>			
	Original/Final Design Fee: \$31K / \$26K			
	Construction Costs: \$400K			
	Program Facilities: The results from this study led to the recommendation of a combination of replacement (approximately 1,466 linear feet) and rehabilitation (approximately 10,643 linear feet) approximately 2.3 miles			
	Services performed similar to those described in Solicitation			
	Construction Management, Infrastructure, Land Survey, Sewage Collection, Specifications			
3	Client Company/Address	Contact	Begin Date	End Date
	<b>City of Phoenix / 1034 East Madison Street, Phoenix, AZ 85034</b>	<b>Gail Brinkmann</b>	<b>1/13</b>	<b>7/16</b>

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

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Phone Number	Email Address
<b>(602) 495.2073</b>	<b><a href="mailto:gail.brinkmann@phoenix.gov">gail.brinkmann@phoenix.gov</a></b>
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities.</p> <p><b>32<sup>nd</sup> Street Roadway and Multi-Use Path, Phoenix</b></p> <p>Original/Final Design Fee: \$188K</p> <p>Construction Costs: \$405K</p> <p>Program Facilities: Design Concept Report (DCR), final design plans included ultimate street improvements designed for five lanes with curb, gutter, sidewalks, ADA upgrades, drainage improvements, street light and traffic signal improvements in addition to bike lanes and 10-foot multi-use trail.</p> <p><b>Services performed similar to those described in Solicitation</b></p> <p>Cost Estimating, Streets, Infratstructure, Land Surveying, Storm Water Handling, Specifications, Transportation, Water Resources</p>	

**End of Attachment 2-A**

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b>	Arizona Department of Administration <b>State Procurement Office</b> 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**

<b>Firm Name</b>	Entellus, Inc.	<b>Year established</b>	1985	
<b>Principal address (street, city, state)</b>	3033 North 44 <sup>th</sup> Street, Suite 250, Phoenix, AZ 885018			
<b>Entity type:</b>	Corporation	<b>Structure:</b>	C Corporation	
<b>Branch or Division:</b>	N/A	<b>Parent:</b>	N/A	
<b>Years the organization has conducted business in Arizona.</b>				31
<b>Contract Representatives to Contact</b>				
	<b>Name</b>	<b>Title</b>	<b>Telephone Number</b>	<b>E-Mail Address</b>
1.	Timothy D. Crall	President	(602) 889-4454	tcrall@entellus.com
2.	Bill Linck	Sr. Vice President	(602) 889-4449	linck@entellus.com
<b>Firm Professional Licenses/Certifications (INCLUDE COPY OF DOCUMENT IN OFFER)</b>				
	<b>Description</b>	<b>Issuer</b>	<b>Number</b>	<b>Expiration</b>
3.	Arizona Board of Technical Registration	State of Arizona	10578-0	6/30/2017
4.	Transaction Privilege Tax License	Arizona Department of Revenue	07461969	12/31/2017
5.	Small Business Concern	AZ UTRACS	10344	7/13/2019
6.	Certificate of Good Standing	Office of the Corporation Commission	N/A	N/A

**End of Attachment 2-B**

	<p><b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b></p>	<p>Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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Attachment 3-A  
**Method Proposal**  
(Method of Approach)

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**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 in ProcureAZ with offer. Resumes shall not be listed in Attachment 3-B as Supplements.

<b>1</b>	<b>Name:</b>	<b>Timothy D. Crall</b>	How long with company?	<b>13 years</b>
	Current position in company:	<b>President / Principal</b>	How long in position?	<b>13 years</b>
	Position for the Services:	<b>Project Principal</b>	How much of time will be dedicated to the Services?	<b>10 %</b>
	What primary functions will be assigned?	<b>Contractual matters, resource commitment, budget / schedule review, QA / QC</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Westwind Preparatory School, City of Phoenix, AZ</b>          This project is located on two parcels owned by Westwind Children Services located on the south side of Northern Avenue, west of 19<sup>th</sup> Avenue in Phoenix. Westwind Preparatory Academy and Westwind Middle School Academy are currently operating from a number of existing buildings on these parcels. The project provided several additional new buildings on the east half of the campus. A future phase calls for remodeling the existing buildings on the northwest portion and demolishing the buildings on the southwest portion to replace them with a parking lot and drop off zone.</p> <p><b>Eastmark, City of Mesa, AZ</b>          Entellus was retained by DMB Associates, Inc. to design 11 separate parcels containing approximately 775 lots. The parcel designs were completed on a fast-track schedule and customized parcel designs to meet the preferences of the seven builders that purchased the parcels. Parcels included highly amenitized parks that also served as retention basins. Extensive coordination with the landscape architect for both rough and finish grading, was completed. A bleed system, unique to the City of Mesa, was designed for each park.</p> <p><b>South Phoenix/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b>          Entellus reviewed drainage reports and as-builts drawings for four sub-division developments to provide a clear understanding of their current infrastructure conditions and how they functioned during storms. Entellus documented the damage from the 2014 storms and looked for ways to prevent or minimize future flood damage in the area.</p>		

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

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List person's job-related training and education:	<p><b>Professional Registrations</b> Arizona Civil Engineer #22861/ California Civil Engineer #45598/ Nevada Civil Engineer #11632/ New Mexico Civil Engineer #12898 Program Committee, Urban Land Institute (ULI), Valley Partnership, Arizona Forward</p> <p><b>Education</b> Bachelor of Science Civil Engineering, Tri-State University</p>
<b>Resume:</b>	<a href="#">Tim Crall Resume</a>



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<b>2</b>	<b>Name:</b>	<b>Alberto Gonzalez</b>	How long with company?	<b>14 years</b>
	Current position in company:	<b>Project Manager/Project Engineer</b>	How long in position?	<b>3 years</b>
	Position for the Services:	<b>Project Manager/Project Engineer</b>	How much of time will be dedicated to the Services?	<b>30 %</b>
	What primary functions will be assigned?	<b>Project management, client coordination, stakeholder coordination, plan development and report oversight</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Germann Road Improvements Val Vista to Higley, Gilbert, AZ</b>          Improvements to Germann Road from Val Vista Drive to 164<sup>th</sup> Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.</p> <p><b>Eastmark, City of Mesa, AZ</b>          Entellus was retained by DMB Associates, Inc. to design 11 separate parcels containing approximately 775 lots. The parcel designs were completed on a fast-track schedule and customized parcel designs to meet the preferences of the seven builders that purchased the parcels. Parcels included highly amenitized parks that also served as retention basins. Extensive coordination with the landscape architect for both rough and finish grading, was completed. A bleed system, unique to the City of Mesa, was designed for each park.</p> <p><b>Val Vista Water Transmission Main Phase 3, Mesa, AZ</b>          Designed both 48-inch Transmission Water Main and 12-inch &amp; 16-inch well delivery lines, 30,000-gallon surge tank and special valving and improvements to City Well Sites 25 and 27.</p>		





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List person's job-related  
training and education:

**Professional Registrations**

Arizona Civil Engineer #49432

AZ Society of Civil Engineers (AzSCE) Phoenix Branch Past President, AzSCE  
Younger Members Forum, American Council of Engineering Companies (ACEC)  
of Arizona/ ACEC Leadership in Engineering Administration Program (LEAP)

**Education**

Bachelor of Science Civil Engineering, Arizona State University

**Resume:**

[Alberto Gonzalez Resume](#)



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<b>3</b>	<b>Name:</b>	<b>Bill Linck</b>	How long with company?	<b>19 years</b>
	Current position in company:	<b>Sr. Vice President /Principal</b>	How long in position?	<b>3 years</b>
	Position for the Services:	<b>Principal/Project Manager</b>	How much of time will be dedicated to the Services?	<b>20%</b>
	What primary functions will be assigned?	<b>Contractual matters, resource commitment, budget / schedule review, QA / QC Project management, client coordination, stakeholder coordination, plan development and report oversight</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Southwest Zone 1 Transmission Main, Phoenix, AZ</b>          This project provides redundancy to an existing 48-inch water transmission located in Indian School Road between 35<sup>th</sup> Avenue and 99<sup>th</sup> Avenue. The project required new water transmission mains in two areas: Area 1 – Buckeye Road from 35<sup>th</sup> Avenue to 67<sup>th</sup> Avenue and Area 2 – the general area bounded by Camelback Road, Thomas Road, Loop 101 and 67<sup>th</sup> Avenue. Entellus evaluated potential corridors for the transmission main in Area 2 by developing preliminary drawings and evaluated each corridor on hydraulics, constructability, cost and schedule.</p> <p><b>Germann Road Improvements Val Vista to Higley, Gilbert, AZ</b>          Improvements to Germann Road from Val Vista Drive to 164<sup>th</sup> Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.</p> <p><b>32<sup>nd</sup> Street Roadway and Multi-Use Path, City of Phoenix, AZ</b>          The City of Phoenix retained Entellus to develop a Design Concept Report (DCR) and then complete final design plans for 32nd Street from Broadway Road to Southern Avenue. The project purpose was to provide connectivity from South Mountain Park to the Rio Salado path near the Salt River as part of the City's trail system. This project initially was limited to half street roadway improvements to include bike lanes and a 10-foot multi-use trail during the DCR phase. Final design included ultimate street improvements designed for five lanes with curb, gutter, sidewalks, ADA upgrades, drainage improvements, street light and traffic signal improvements in addition to bike lanes and 10-foot multi-use trail. Entellus assisted the City in extensive right-of-way and utility coordination including SRP Irrigation and SRP Electric relocations. Additionally, environmental evaluation was included in the DCR and coordination of archaeological monitoring during construction. Project is currently under construction.</p>		



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<p>List person's job-related training and education:</p>	<p><b>Professional Registrations</b>        Registered AZ #20321 Civil Engineer/ Level 1 Site Assessment Certification        American Council of Engineering Companies (ACEC) of Arizona/ ACEC        Leadership in Engineering Administration Program (LEAP)/ American Public        Works Association (APWA) Arizona Chapter/ As OSHA 40-hour Hazardous        Waste Site Operations Training</p> <p><b>Education</b>        Bachelor of Science Civil Engineering, Marquette University</p>
<p><b>Resume:</b></p>	<p>Bill Linck Resume</p>



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<b>4</b>	<b>Name:</b>	<b>Martin Weeden</b>	How long with company?	<b>2 years</b>
	Current position in company:	<b>Project Manager/Project Engineer</b>	How long in position?	<b>2 years</b>
	Position for the Services:	<b>Project Manager/Project Engineer</b>	How much of time will be dedicated to the Services?	<b>25%</b>
	What primary functions will be assigned?	<b>x Project management, client coordination, stakeholder coordination, plan development and report oversight</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Layton Lakes FM Rehabilitation and Replacement, Gilbert, AZ</b>          Entellus conducted a feasibility study and final design for the rehabilitation and the reconstruction of the Layton Lakes dual Force Mains (14" &amp; 18" concrete-lined DIP) which convey flows from the Layton Lakes Lift Station to the Mesa Gilbert South Water Reclamation Plant over approximately 13,500 linear feet. The results from this study led to the recommendation of a combination of replacement (approximately 1,466 linear feet) approximately 2.3 miles. The project is currently under construction and Entellus is providing construction administration.</p> <p><b>Val Vista Transmission Main, Mesa, AZ</b>          Designed both 48-inch Transmission Water Main and 12-inch Distribution Water Main, while ensuring the least disruptive alternative by analyzing and engineering the most optimum horizontal and vertical design.</p> <p><b>Reservoir Assessments and Rehabilitation Design, City of Phoenix, AZ</b>          Perform full site and reservoir condition assessments for Deem Hills (15MG), Happy Valley (5MG), and 64th St. #1 (20MG) for the City of Phoenix. Included the full site inspection of all equipment and facilities on-site as well as float down inspections and dry inspections of Deem Hills and 64th St. #1. Recommendations were made based on the condition assessment reports and rehabilitation plan sets were also created for two of the reservoirs. Project involved much coordination with many different City departments, subconsultants, JOC contractor (Felix), and Entellus staff in order to maintain strict shut-down schedules set by the City. Principal tasks included careful coordination, performing Float down inspections, leak tests, generating detailed MOPOs, developing assessment reports and rehabilitation plans and specs.</p>		



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List person's job-related training and education:	<p><b>Professional Registrations</b> Registered Civil Engineer, AZ #51372</p> <p><b>Education</b> Bachelor of Science in Civil/Environmental Engineering, Arizona State University, 2006 Master of Science in Environmental Engineering, Arizona State University, 2013</p>
<b>Resume:</b>	<a href="#">Martin Weeden Resume</a>



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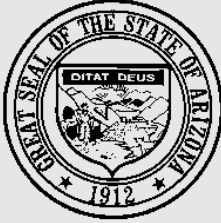
<b>5</b>	<b>Name:</b>	<b>Denis Howe</b>	How long with company?	<b>20 years</b>
	Current position in company:	<b>Sr. Project Engineer</b>	How long in position?	<b>20 years</b>
	Position for the Services:	<b>Project Engineer</b>	How much of time will be dedicated to the Services?	<b>20%</b>
	What primary functions will be assigned?	<b>Design development, calculations, cost estimating, specifications</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>District Minor On-call, Arizona Department of Transportation (ADOT)</b>          Entellus was selected to assist ADOT Districts in performing pre-construction activities to take a task order (TO) from concept to construction. These services allow ADOT to take care of local issues as they are identified. Each separate Task Order (TO) in this contract have unique scope-of-work, defined length of service and individual notice-to-proceed. The duration of services depends on the specific scope-of-services for each task. Entellus has worked with the Phoenix Construction District and currently with the Prescott District on task orders that required the development of complete construction documents including plans, specifications, and cost estimates.</p> <p><b>Gilbert Road Improvements, City of Chandler, AZ</b>          Entellus was retained by the City of Chandler to widen Gilbert Road from Germann Road to Queen Creek Road in Phase I and then an additional four miles from Queen Creek Road to Hunt Highway in Phase II. The improvements widened Gilbert Road from two lanes to a six lane urban section with continuous curb and gutter, raised median, sidewalks, water and wastewater pipe, street drainage, retention basins, street lights and traffic signals at a major intersection. The work included dry and wet utility coordination and relocation, preparation of plans, drainage report, right-of-way and legal descriptions, specifications package and cost estimate.</p> <p><b>Kelvin Bridge, Pinal County, AZ</b>          Entellus performed design services to prepare a Design Concept Report (DCR), Environmental Assessment (EA), Construction Plans, specifications and estimates for the Kelvin Road Bridge Replacement ADOT Structure #8441 over the Gila River. Scope of services included data collection (topographic survey, aerial survey, geotechnical investigation, drainage, right-of-way entry), Hydrology/Hydraulics (existing data review, hydrologic analysis, bridge hydraulics, sediment transport and scour analysis, drainage report), roadway and bridge design. Due to budget constraints at County, design and construction were delayed for over five years. Entellus is currently finalizing plans to ADOT Standards as the County obtained federal funds.</p>		



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<p>List person's job-related training and education:</p>	<p><b>Professional Registrations</b>        Registered Civil Engineer, AZ #19584        Registered Civil Engineer, UT #171466-2202</p> <p><b>Education</b>        Bachelor of Science Civil Engineering, Brigham Young University</p>
<p><b>Resume:</b></p>	<p><a href="#">Denis Howe Resume</a></p>



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<b>6</b>	<b>Name:</b>	<b>Hernan Aristizabal</b>	How long with company?	<b>23 years</b>
	Current position in company:	<b>Project Manager/Project Engineer</b>	How long in position?	<b>23 years</b>
	Position for the Services:	<b>Project Manager/Project Engineer</b>	How much of time will be dedicated to the Services?	<b>25 %</b>
	What primary functions will be assigned?	<b>Project management, client coordination, stakeholder coordination, plan development and report oversight</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>East Mesa Area Drainage Master Plan (ADMP) Update, Flood Control District of Maricopa County</b></p> <p>Town of Gilbert needed to complete a major update to their existing Public Works and Engineering Standards and Details by developing an integrated Engineering Design and Construction Standards Manual (Manual). The Manual set forth the minimum requirements for construction of and improvements to public and private streets; water, sewer, and reclaimed water utilities; storm water systems; placement and operation of any other structures within Gilbert rights-of-way and easements, including streetlights and traffic signals; and all excavation and grading within Gilbert.</p> <p><b>South Phoenix/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b></p> <p>Entellus reviewed drainage reports and as-builts drawings for four sub-division developments to provide a clear understanding of their current infrastructure conditions and how they functioned during storms. Entellus documented the damage from the 2014 storms and looked for ways to prevent or minimize future flood damage in the area.</p> <p><b>Eloy Industrial Park On-call, Pinal County, AZ</b></p> <p>The Eloy Industrial Park Analysis was performed for the Pinal County Flood Control District as part of an on-call contract with Pinal County Public Works. This project in the Lower Santa Cruz River Watershed performed several analyses with the primary objective of establishing the existing conditions at the Santa Cruz River &amp; Greene Canal split flow and at the Eloy Industrial Park site.</p>		





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<p>List person's job-related training and education:</p>	<p><b>Professional Registrations</b>        Registered Civil Engineer, AZ #29373        Registered Civil Engineer, UT #177010-2202        Certified Floodplain Manager, #US-04-01298</p> <p><b>Education</b>        Bachelor of Science Agricultural and Irrigation Engineering, Utah State University        Masters of Civil and Environmental Engineering, Utah State University</p>
<p><b>Resume:</b></p>	<p>Hernan Aristizabal Resume</p>



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<b>7</b>	<b>Name:</b>	<b>Ryan Sauer</b>	How long with company?	<b>15 years</b>
	Current position in company:	<b>Sr. Project Engineer</b>	How long in position?	<b>12 years</b>
	Position for the Services:	<b>Project Engineer</b>	How much of time will be dedicated to the Services?	<b>30%</b>
	What primary functions will be assigned?	<b>Design development, drainage analysis, calculations, cost estimating, specifications</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>East Mesa Area Drainage Master Plan (ADMP) Update, Flood Control District of Maricopa County</b></p> <p>Town of Gilbert needed to complete a major update to their existing Public Works and Engineering Standards and Details by developing an integrated Engineering Design and Construction Standards Manual (Manual). The Manual set forth the minimum requirements for construction of and improvements to public and private streets; water, sewer, and reclaimed water utilities; storm water systems; placement and operation of any other structures within Gilbert rights-of-way and easements, including streetlights and traffic signals; and all excavation and grading within Gilbert.</p> <p><b>South Phoenix/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b></p> <p>Entellus reviewed drainage reports and as-builts drawings for four sub-division developments to provide a clear understanding of their current infrastructure conditions and how they functioned during storms. Entellus documented the damage from the 2014 storms and looked for ways to prevent or minimize future flood damage in the area.</p> <p><b>Eloy Industrial Park On-call, Pinal County, AZ</b></p> <p>The Eloy Industrial Park Analysis was performed for the Pinal County Flood Control District as part of an on-call contract with Pinal County Public Works. This project in the Lower Santa Cruz River Watershed performed several analyses with the primary objective of establishing the existing conditions at the Santa Cruz River &amp; Greene Canal split flow and at the Eloy Industrial Park site.</p>		



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<p>List person's job-related training and education:</p>	<p><b>Professional Registrations</b>  <a href="#">Registered Civil Engineer, AZ #46866</a>  <a href="#">Registered Civil Engineer, UT #9576293-2202</a>  <a href="#">Certified Floodplain Manager #US-05-01709</a></p> <p><b>Education</b>  <a href="#">Bachelor of Science Civil Engineering, Arizona State University</a>  <a href="#">Masters of Science, Civil &amp; Environmental Engineering, Arizona State University</a></p>
<p><b>Resume:</b></p>	<p><a href="#">Ryan Sauer Resume</a></p>



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<b>8</b>	<b>Name:</b>	<b>Chris Christensen</b>	How long with company?	<b>15 years</b>
	Current position in company:	<b>GIS Manager</b>	How long in position?	<b>15 years</b>
	Position for the Services:	<b>GIS Services</b>	How much of time will be dedicated to the Services?	<b>20%</b>
	What primary functions will be assigned?	<b>GIS planning and design analysis</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>East Mesa Area Drainage Master Plan (ADMP) Update, Flood Control District of Maricopa County</b></p> <p>Town of Gilbert needed to complete a major update to their existing Public Works and Engineering Standards and Details by developing an integrated Engineering Design and Construction Standards Manual (Manual). The Manual set forth the minimum requirements for construction of and improvements to public and private streets; water, sewer, and reclaimed water utilities; storm water systems; placement and operation of any other structures within Gilbert rights-of-way and easements, including streetlights and traffic signals; and all excavation and grading within Gilbert.</p> <p><b>South Phoenix/Laveen Stormwater Infrastructure Evaluation, Phoenix, AZ</b></p> <p>Entellus reviewed drainage reports and as-builts drawings for four sub-division developments to provide a clear understanding of their current infrastructure conditions and how they functioned during storms. Entellus documented the damage from the 2014 storms and looked for ways to prevent or minimize future flood damage in the area.</p> <p><b>Eloy Industrial Park On-call, Pinal County, AZ</b></p> <p>The Eloy Industrial Park Analysis was performed for the Pinal County Flood Control District as part of an on-call contract with Pinal County Public Works. This project in the Lower Santa Cruz River Watershed performed several analyses with the primary objective of establishing the existing conditions at the Santa Cruz River &amp; Greene Canal split flow and at the Eloy Industrial Park site.</p>		

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List person's job-related training and education:	<p><b>Education</b></p> <p>Bachelor of Science Computer Visualization Technology, ITT, 2003</p> <p>Masters of Science Geographic Information Systems, Arizona State University</p>
<b>Resume:</b>	Chris Christensen Resume

**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
1.	<a href="#">Additional Key Personnel</a>	2/17/2017	14	Submission of additional Key Personnel qualifications

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

**End of Attachment 3-B**

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Attachment 3-C  
**Proposed Subcontractors**

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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.

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.

1. 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.
2. 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.
3. State may demand additional information about proposed subcontractors as a precondition of award.

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		
2.	Name		
3.	Name		
4.	Name		
5.	Name		
6.	Name		
7.	Name		
8.	Name		
9.	Name		
10.	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**

	<p><b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b></p>	<p>Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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Attachment 3-D  
Performance Guarantee

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**RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST**

**End of Attachment 3-D**



	<b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b>	Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007
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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.

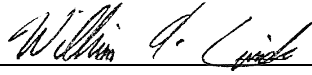
As defined by A.R.S. §35-393.01:

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.

Entellus, Inc. <hr/> <div style="text-align: center;">Company Name</div> <hr/> 3033 North 44 <sup>th</sup> Street, Suite 250 <hr/> <div style="text-align: center;">Address</div> <hr/> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">Phoenix,</td> <td style="width: 33%;">AZ</td> <td style="width: 33%;">85018</td> </tr> <tr> <td>City</td> <td>State</td> <td>Zip</td> </tr> </table>	Phoenix,	AZ	85018	City	State	Zip	 <hr/> <div style="text-align: center;">Signature of Person Authorized to Sign</div> <hr/> Bill Linck <hr/> <div style="text-align: center;">Printed Name</div> <hr/> Sr. Vice President <hr/> <div style="text-align: center;">Title</div>
Phoenix,	AZ	85018					
City	State	Zip					

**End of Attachment 3-E**

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Attachment 4  
Pricing Sheet

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RESERVED FOR AWARDED DESIGN PROFESSIONAL SERVICE ORDER CONTRACT

End of Attachment 4

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b>	Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007
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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="radio"/>	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"> <li>1. Is a formula, pattern, compilation, program, device, method, technique or process, AND</li> <li>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</li> <li>3. Is the subject of efforts by myself or my organization that are reasonable under the circumstances to maintain its secrecy.</li> </ol>

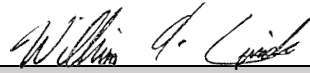
NOTE: Failure to attach an explanation may result in a determination that the information does not meet the statutory trade secret definition. All information that does not meet the definition of trade secret as defined by A.A.C. R2-7-101(52) will become public in accordance with A.A.C. R2-7-C317. State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

**Entellus, Inc.**

Offeror Company Name	3033 North 44 <sup>th</sup> Street, Suite 250
Address	



Signature of Authorized Person	Bill Linck
Printed Name	

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Phoenix, AZ 85018

Sr. Vice President

City	State	Zip	Title
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**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.	None	N/A	N/A	N/A

**End of Attachment 5-A**



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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.*

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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 [AIA Documents \(for state agencies only\), and 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 [AIA Documents \(for state agencies only\), and 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**.

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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 <b>Summary</b>		
N/A	N/A	N/A
Section 1-B: Instructions to Offerors		
N/A	N/A	N/A

Entellus, Inc.

Company Name



Signature of Person Authorized to Sign



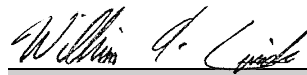
	<b>Request for Qualifications</b> Solicitation No. <b>ADSP017-00006796</b> Description: <b>2017 Annual Professional Services List</b>	Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007
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ATTACHMENT 5-B Supplement No. 2:  
**Exceptions to Contract Terms & Conditions**

Article/ Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 2-A: Special Terms &amp; Conditions</b>		
N/A	N/A	N/A
Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 2-B: Uniform Terms &amp; Conditions</b>		
N/A	N/A	N/A
Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 2-C: AIA Documents with AZ Modifications</b>		
N/A	N/A	N/A

Entellus, Inc.

Company Name



Signature of Person Authorized to Sign

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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 ( <span style="color: blue;">Requirements</span> Document)		
<span style="color: blue;">N/A</span>	<span style="color: blue;">N/A</span>	<span style="color: blue;">N/A</span>
Section 2-B: <span style="color: blue;">Compensation</span> Document		
<span style="color: blue;">N/A</span>	<span style="color: blue;">N/A</span>	<span style="color: blue;">N/A</span>

Entellus, Inc.

Company Name



Signature of Person Authorized to Sign

**End of Attachment 5-B**



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Attachment 5-C  
**Insurance Evidence**

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**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.

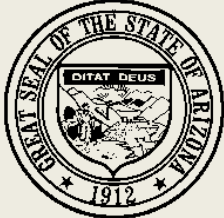
	DOCUMENT	SUBMITTED
11.	Attachment 1: Offer and Acceptance Form	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
12.	Attachment 2-A: Experience and Capacity	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
13.	Attachment 2-A: References	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
14.	Attachment 2-B: Organization Profile	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
15.	Attachment 3-A: Method Proposal – <b>RESERVED FOR AWARD</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> <b>no</b>
16.	Attachment 3-B: Key Personnel Proposal	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
17.	Attachment 3-C: Proposed Subcontractors – <b>RESERVED FOR AWARD</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> <b>no</b>
18.	Attachment 3-D: Performance Guarantee – <b>RESERVED FOR AWARD</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> <b>no</b>
19.	Attachment 3-E: Israel Boycott Form	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
20.	Attachment 4: Pricing Sheet – <b>RESERVED FOR AWARD</b>	<input type="checkbox"/> YES, <input checked="" type="checkbox"/> <b>no</b>
21.	Attachment 5-A: Confidential Information Designation	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
22.	Attachment 5-B: Conformance Statements	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
23.	Attachment 5-C: Insurance Evidence – <b>RESERVED FOR AWARD</b>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> <b>no</b>
24.	Attachment 5-D: Offer Checklist	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
25.	Excel File: Project Experience Number of Projects and Revenue	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no
26.	Excel File: 2017 Professional Services List of Firms Services	<input checked="" type="checkbox"/> YES <input type="checkbox"/> no

**End of Attachment 5-D**

**End of Part 4**

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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 in ProcureAZ with offer. Resumes shall not be listed in Attachment 3-B as Supplements.

<b>1</b>	Name:	<b>Dan Francetic</b>	How long with company?	<b>9 years</b>
	Current position in company:	<b>Survey Manager</b>	How long in position?	<b>9 years</b>
	Position for the Services:	<b>Registered Land Surveyor</b>	How much of time will be dedicated to the Services?	<b>15%</b>
	What primary functions will be assigned?	<b>Horizontal and vertical survey control, boundary surveys, topographic and contour mapping, legal descriptions and easements.</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Germann Road Improvements Val Vista to Higley, Gilbert, AZ</b>          Improvements to Germann Road from Val Vista Drive to 164<sup>th</sup> Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.</p> <p><b>Val Vista Water Transmission Main Phase 3, Mesa, AZ</b>          Designed both 48-inch Transmission Water Main and 12-inch &amp; 16-inch well delivery lines, 30,000-gallon surge tank and special valving and improvements to City Well Sites 25 and 27.</p> <p><b>Layton Lakes FM Emergency Repair, Gilbert, AZ</b>          Entellus conducted a feasibility study and final design for the rehabilitation and the reconstruction of the Layton Lakes dual Force Mains (14" &amp; 18" concrete-lined DIP) which convey flows from the Layton Lakes Lift Station to the Mesa Gilbert South Water Reclamation Plant over approximately 13,500 linear feet. The results from this study led to the recommendation of a combination of replacement (approximately 1,466 linear feet) approximately 2.3 miles. The project is currently under construction and Entellus is providing construction administration.</p>		



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List person's job-related  
training and education:

**Professional Registrations**

Registered Land Surveyor, AZ #33874  
Professional Land Surveyor, UT # 8887650-2201  
Professional Land Surveyor, NM #18994  
Professional Land Surveyor, NV #020262  
Certified Federal Surveyor #1090  
NSPS Certified Survey Technician #0707-3098

**Education**

Bachelor of Science Surveying, Ohio State University

**Resume:**

[Dan Francetic Resume](#)



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<b>2</b>	<b>Name:</b>	<b>Mike Colland</b>	How long with company?	<b>12 years</b>
	Current position in company:	<b>Constructability Review / Construction Manager</b>	How long in position?	<b>12 years</b>
	Position for the Services:	<b>Construction Manager</b>	How much of time will be dedicated to the Services?	<b>25%</b>
	What primary functions will be assigned?	<b>Constructability reviews, budget/cost estimate development, construction phase services manager</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Ocotillo Road Improvements, City of Chandler, AZ</b>          Entellus was retained by the City of Chandler to complete Ocotillo Road Improvements construction management services. This is a federally funded project, using Highway Safety Improvement Program (HSIP) funds, and is currently programmed for construction FY13/14. Entellus assisted with post design services including pre-bid services, submittal review and approval, Request for Information (RFI) tracking, quantity verification and contractor payment verification review, County Approval of Construction, Quality Assurance testing, application of federal standards, review of construction redlines and preparation of as-builts.</p> <p><b>Camelback Core (Zone 1, 1A, 2A) Water Transmission Improvements, City of Phoenix, AZ</b>          Entellus designed and executed the construction administration and inspection for 16,000 feet of waterline and appurtenances ranging in size from 16-inches to 42-inches, installed with careful maintenance of traffic (MOT) in both urban arterials and residential side streets. Entellus also designed and inspected the construction of the associated 33 MGD Booster Pump Station. The finished improvements were commissioned into the City's water distribution system to support future high density developments in the Camelback Core area.</p> <p><b>Layton Lakes FM Emergency Repair, Gilbert, AZ</b>          Entellus conducted a feasibility study and final design for the rehabilitation and the reconstruction of the Layton Lakes dual Force Mains (14" &amp; 18" concrete-lined DIP) which convey flows from the Layton Lakes Lift Station to the Mesa Gilbert South Water Reclamation Plant over approximately 13,500 linear feet. The results from this study led to the recommendation of a combination of replacement (approximately 1,466 linear feet) approximately 2.3 miles. The project is currently under construction and Entellus is providing construction administration.</p>		



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List person's job-related  
training and education:

**Professional Registrations**

"A" General Engineering Arizona Contractor's license ROC 220970  
Certified Professional Constructor CPC #751 with American Institute of  
Constructors

**Education**

Bachelor of Science Construction, Arizona State University

**Resume:**

[Mike Colland Resume](#)





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<b>3</b>	<b>Name:</b>	<b>Breanna Connolly</b>	How long with company?	<b>9 years</b>
	Current position in company:	<b>Project Engineer</b>	How long in position?	<b>9 years</b>
	Position for the Services:	<b>Project Engineer</b>	How much of time will be dedicated to the Services?	<b>35%</b>
	What primary functions will be assigned?	<b>Project engineer for water / wastewater systems, roadways, drainage infrastructure park facilities.</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>32<sup>nd</sup> Street Roadway and Multi-Use Path, City of Phoenix, AZ</b>          The City of Phoenix retained Entellus to develop a Design Concept Report (DCR) and then complete final design plans for 32nd Street from Broadway Road to Southern Avenue. The project purpose was to provide connectivity from South Mountain Park to the Rio Salado path near the Salt River as part of the City's trail system. This project initially was limited to half street roadway improvements to include bike lanes and a 10-foot multi-use trail during the DCR phase. Final design included ultimate street improvements designed for five lanes with curb, gutter, sidewalks, ADA upgrades, drainage improvements, street light and traffic signal improvements in addition to bike lanes and 10-foot multi-use trail. Entellus assisted the City in extensive right-of-way and utility coordination including SRP Irrigation and SRP Electric relocations. Additionally, environmental evaluation was included in the DCR and coordination of archaeological monitoring during construction. Project is currently under construction.</p> <p><b>Val Vista Main Transmission, Mesa, AZ</b>          Designed both 48-inch Transmission Water Main and 12-inch Distribution Water Main, while ensuring the least disruptive alternative by analyzing and engineering the most optimum horizontal and vertical design.</p> <p><b>Germann Road Improvements Val Vista to Higley, Gilbert, AZ</b>          Improvements to Germann Road from Val Vista Drive to 164<sup>th</sup> Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.</p>		



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List person's job-related  
 training and education:

**Professional Registrations**

Registered Civil Engineer, AZ #52606

**Education**

Bachelor of Science Civil Engineer, University of Arizona

**Resume:**

Breanna Connolly Resume



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<b>4</b>	<b>Name:</b>	<b>Dustin Bonar</b>	How long with company?	<b>1 year</b>
	Current position in company:	<b>Project Engineer</b>	How long in position?	<b>1 year</b>
	Position for the Services:	<b>Project Engineer</b>	How much of time will be dedicated to the Services?	<b>50%</b>
	What primary functions will be assigned?	<b>Project engineer for water / wastewater systems, roadways, drainage infrastructure and park facilities.</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>State Route 202: SR101 to Broadway Road</b>          An 18.9-mile project along L202 in both east and west bound directions which consists of adding one general purpose lane from SR 101L to Gilbert Road, and one HOV lane from Gilbert Road to Broadway Road. Rebuilding of the L202 exit ramp to the McKellips Road cross street. The project also included deep soil remediation in areas where the freeway has settled significantly.</p> <p><b>West Anthem Water &amp; Sewer Improvements</b>          The city retained Entellus to complete a Basis of Design Report (BDR) for the proposed water and sewer improvements required to provide services to the West Anthem area. The improvements include about five miles of gravity sewer and force mains, 1.5 miles of water transmission main, pump station upgrades and a new lift station. Following completion of the BDR, Entellus will complete final design of all the water improvements and sewer improvements north of the lift station.</p> <p><b>Raw Water Pipeline &amp; Improvements to Elliot Road</b>          Entellus was hired by the City of Mesa to design more than 3 miles of 54" raw water pipeline from the CAP Canal turnout structure to the City's new Signal Butte Water Treatment Plant (WTP). The design is to be coordinated with the design of the WTP and include measures to prevent quagga mussel infestation of the new pipeline.          To complete the pipeline and prevent future disturbance, Entellus will also design the north half street improvements of Elliot Road from Signal Butte Road to Mountain Road. The roadway will be designed to 3 through lanes in each direction, bike lanes, a raised median, curb, gutter, sidewalk, street lights, signing, striping, landscaping and irrigation. The design will also include landscape and hardscape aesthetic improvements on the north side of Elliot Road along the WTP for a future park site.</p> <p>The project required coordination and approval from Arizona State Land (ASLD), Flood Control District of Maricopa County (FCDMC), Pinal County and Apache Junction. Entellus coordinated plan review with existing utility companies, including the Western Area Power Authority. The project will be completed by January 2018 to support the plant start up.</p>		

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

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List person's job-related  
training and education:

**Professional Registrations**

Registered Civil Engineer, AZ #61200

**Education**

Bachelor of Science, Civil Engineering, Northern Arizona University

**Resume:**

Dustin Bonar Resume



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<b>5</b>	<b>Name:</b>	<b>Mike Gleason</b>	How long with company?	<b>1 year</b>
	Current position in company:	<b>Project Manager</b>	How long in position?	<b>1 year</b>
	Position for the Services:	<b>Project Manager</b>	How much of time will be dedicated to the Services?	<b>20%</b>
	What primary functions will be assigned?	<b>Project management, client coordination, stakeholder coordination, plan development and report oversight</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>Falcon Ridge, Maricopa County, AZ</b>          Responsible for managing the engineering from pre-application, preliminary plat, through the improvement plan process. In addition, provide support for rezone, attend the neighborhood meeting, and manage the landscape sub consultant. This 179 lot subdivision is situated on approximately 55 acres and includes half street improvements for three collector roads and one arterial road. This project is currently under design and at the Preliminary Plat stage.</p> <p><b>Falcon View II, Maricopa County, AZ</b>          Responsible for managing the engineering from pre-application, preliminary plat, through the improvement plan process. In addition, provide support for rezone, attend neighborhood meeting, and manage the landscape sub consultant. This 21 lot subdivision is situated on approximately 9 acres and serves as a second phase to Falcon View and includes half street improvements for one collector street. The plans for this project are currently in for review.</p> <p><b>Trilogy at Vistancia Master Planned Community; Peoria, AZ</b>          Responsible for managing all parts of engineering for this active adult development within community. Scope included generating improvement plans; Storm Water Pollution Prevention Plans, grading, paving, water, sewer, drainage design, coordination with adjacent arterial and collector roadways for proper access, roadway ties-in points, utility tie-in points. These projects required frequent review of geotechnical reports for soil stability, slope stability, and percolation rates. In addition, prepared scopes, proposals, budgets, and project projections. Provided weekly project reports to team members to track project status and percent complete. This project required excellent communication and coordination between multiple teams completing designs and plans simultaneously to meet the client's aggressive schedule.</p>		



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List person's job-related  
training and education:

**Professional Registrations**

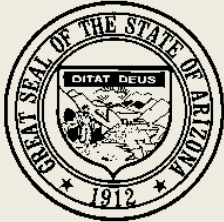
Registered Civil Engineer, AZ #40975

**Education**

Bachelor of Science, Civil Engineering, Arizona State University

**Resume:**

[Mike Gleason Resume](#)



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<b>6</b>	<b>Name:</b>	<b>Jeff Schorey</b>	How long with company?	<b>29 years</b>
	Current position in company:	<b>Lead Designer</b>	How long in position?	<b>29 years</b>
	Position for the Services:	<b>Lead Designer</b>	How much of time will be dedicated to the Services?	<b>40%</b>
	What primary functions will be assigned?	<b>Oversee all CAD production, site geometrics, layout, utility routing, paving design</b>		
	Describe person's experience in performing services like those that are to be assigned:	<p><b>32<sup>nd</sup> Street Roadway and Multi-Use Path, City of Phoenix, AZ</b>          The City of Phoenix retained Entellus to develop a Design Concept Report (DCR) and then complete final design plans for 32nd Street from Broadway Road to Southern Avenue. The project purpose was to provide connectivity from South Mountain Park to the Rio Salado path near the Salt River as part of the City's trail system. This project initially was limited to half street roadway improvements to include bike lanes and a 10-foot multi-use trail during the DCR phase. Final design included ultimate street improvements designed for five lanes with curb, gutter, sidewalks, ADA upgrades, drainage improvements, street light and traffic signal improvements in addition to bike lanes and 10-foot multi-use trail. Entellus assisted the City in extensive right-of-way and utility coordination including SRP Irrigation and SRP Electric relocations. Additionally, environmental evaluation was included in the DCR and coordination of archaeological monitoring during construction. Project is currently under construction.</p> <p><b>Val Vista Main Transmission, Mesa, AZ</b>          Designed both 48-inch Transmission Water Main and 12-inch Distribution Water Main, while ensuring the least disruptive alternative by analyzing and engineering the most optimum horizontal and vertical design.</p> <p><b>Germann Road Improvements Val Vista to Higley, Gilbert, AZ</b>          Improvements to Germann Road from Val Vista Drive to 164<sup>th</sup> Street to major arterial standards, consisting of: 3 travel lanes and a bicycle lane in each direction; raised, landscaped medians; storm drainage facilities; street lighting; and walls and fencing. The improvements tie into existing improvements at the Val Vista and Greenfield intersections.</p>		

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<p>List person's job-related training and education:</p>	<p><b>Education</b>  Associate in Applied Science, Drafting Technology, Glendale Community College</p>
<p><b>Resume:</b></p>	<p><a href="#">Jeff Schorey Resume</a></p>

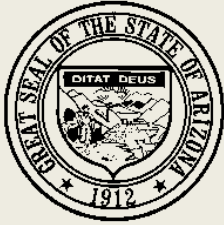




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<b>7</b>	<b>Name:</b>	<input checked="" type="checkbox"/>	How long with company?	<input type="checkbox"/> <b>x years</b>
	Current position in company:	<input checked="" type="checkbox"/>	How long in position?	<input type="checkbox"/> <b>x</b>
	Position for the Services:	<input checked="" type="checkbox"/>	How much of time will be dedicated to the Services?	<input type="checkbox"/> <b>x</b>
	What primary functions will be assigned?	<input checked="" type="checkbox"/>		
	Describe person's experience in performing services like those that are to be assigned:	<input checked="" type="checkbox"/>		
	List person's job-related training and education:	<input checked="" type="checkbox"/>		
	<b>Resume:</b>	<input type="checkbox"/> <b>List filename</b>		



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<b>8</b>	<b>Name:</b>	<input checked="" type="checkbox"/>	How long with company?	<input type="checkbox"/> <b>x years</b>
	Current position in company:	<input checked="" type="checkbox"/>	How long in position?	<input checked="" type="checkbox"/>
	Position for the Services:	<input checked="" type="checkbox"/>	How much of time will be dedicated to the Services?	<input checked="" type="checkbox"/>
	What primary functions will be assigned?	<input checked="" type="checkbox"/>		
	Describe person's experience in performing services like those that are to be assigned:	<input checked="" type="checkbox"/>		
	List person's job-related training and education:	<input checked="" type="checkbox"/>		
	<b>Resume:</b>	<input type="checkbox"/> <b>List filename</b>		

Alberto's responsibilities include technical design of municipal and private development projects including design, field verification, and vast communication with clients and other companies. His experience includes grading and drainage for municipal projects, roadway design, earthwork calculations, field inspection, development of drainage reports, as well as design concept reports. Alberto has prepared exhibits, plan and profile sheets, created road templates and road cross-sections, as well as designed horizontal alignment and vertical profiles for the most optimum results on various projects. He has designed different utilities such as potable water, sanitary sewer, storm sewer, and reclaimed water. He has also acted as Field Technician for municipal waterline replacement projects, as well as a construction inspector. Extensive communication with clients and other stakeholders has been part of his task to gather information and assure the completion of the projects in a successful manner.

## KEY PROJECTS

### Roadway

- 32nd Street Improvements, Broadway to Southern (Phoenix, AZ)
- 24th Street and Old Tower Road (Phoenix, AZ)
- Centennial Way (Phoenix, AZ)
- Chandler Heights Road & Greenfield Road (Gilbert, AZ)
- Cactus Road Improvements (El Mirage, AZ)
- Mesa Drive & Southern Avenue (Mesa, AZ)
- Thunderbird Road Improvements (El Mirage, AZ)
- Dysart Road Improvements (El Mirage, AZ)
- Gilbert Road and Pecos Road Improvements (Chandler, AZ)
- Van Buren Street (67th to 75th Avenue) Paving Project (Phoenix, AZ)
- Pima Road Design Improvements (Scottsdale, AZ)

### Site Civil

- APS - Bagdad Access Roads (Bagdad, AZ)
- Eastmark – Phase 1 (Mesa, AZ)
- Climatic Improvements (Phoenix, AZ)
- Ben Avery Shooting Facility Improvements (Phoenix, AZ)
- Equidome Expansion (Scottsdale, AZ)
- Anthem Sun Valley South Phase I (Buckeye, AZ)
- Lakin Ranch (Avondale, AZ)
- WestWorld Improvements, Phases I and II (Scottsdale, AZ)

### Water/Wastewater & Water Resources

- Elm Lane Drainage Mitigation (Avondale, AZ)
- Wittman ADMP (Maricopa County, Arizona)
- Huachuca Holding Ponds (Huachuca, AZ)
- Hanson Materials Roadway Project (Pinal County)
- Toho-Tolani Improvement District Plan Review (Coconino County, AZ)
- Lone Mountain Road (Peoria, AZ)
- Vistancia Parcel A4 Drainage Report (Peoria, AZ)
- 107th Avenue and Broadway Sewer Design (Phoenix, AZ)
- City of Phoenix Waterline Replacement Program
- Central Park East (Phoenix, AZ)
- Hanson Project (Pinal County, AZ)
- Deer Valley Channel Improvements (Scottsdale, AZ)
- Happy Valley Road/Grand Avenue Drainage and Roadway Improvements (Surprise, AZ)
- Palm View Drive (Surprise, AZ)
- Park View Place (Surprise, AZ)
- Section 10, Drainage and Street Improvements (Surprise, AZ)



### Years of Experience

With Entellus: 2002 – Current

### Education

Bachelor of Science, Civil Engineering, Arizona State University, 2004

LEAP Graduate, 2010

### Professional Registrations

2009, Civil Engineer, AZ #49432  
2015, Associate Value Specialist (AVS), #201505004

### Professional Affiliations

Arizona State University Alumni Association

American Society of Civil Engineers (ASCE), Past Phoenix Branch President-Elect

Past Practitioner Advisor for ASU-ASCE

Society of Hispanic Professional Engineers (SHPE), Past Vice President

Chi Epsilon Honor Society of Civil Engineers

### Specialized Experience

Autodesk Civil 3D

Autodesk Storm and Sanitary Analysis

AutoTURN for AutoDesk Civil Series

Flow Master

Storm CAD

Hydro Flow Storm Sewer

Bill is the Sr. Vice President of Entellus and has comprehensive experience in water/wastewater design projects. As Project Principal, Bill will be responsible for the successful delivery of this project. Over the past few years, Bill has managed water projects covering almost 100 miles. Over the past 19 years, Bill has managed public infrastructure projects. He has hands-on experience designing utilities, roadways and drainage systems. His experience is in civil engineering, including extensive project management experience. He has comprehensive experience in urban paving and drainage improvement projects, water and sewer projects, and parks and recreational facilities. Some of his key experience has been on water main replacement projects where it is necessary to design the improvements in such a way to maintain existing utility service during construction.

## KEY PROJECTS

### Water / Wastewater

- Russell Ranch Force Main and Lift Station (Glendale, AZ)
- Coyote Lakes Water Main Replacements (Surprise, AZ)
- Van Buren Road 36" Water Main (Avondale, AZ)
- East Mesa Interceptor Sewer Study (Mesa, AZ)
- Baseline Road Waterline (Mesa, AZ)
- Various Waterline Replacements (Mesa, AZ)
- Southwest Zone 1 Water Main Improvements (Phoenix, AZ)
- 66 MGD South Mountain Booster Pump Station (Phoenix, AZ)
- Camelback Core Water Improvements (Phoenix, AZ)
- Mesa Drive & Southern Avenue - 16" Water Main Replacement (Mesa, AZ)
- Cave Creek Road Sewer Extension (Cave Creek, AZ)
- Riggs Road Lift Station (Chandler, AZ)
- Southern El Mirage Lift Station Study (El Mirage, AZ)
- Williams Field Road Reclaimed Waterline (Gilbert, AZ)
- 61st Avenue and Rose Lane Sewer Replacement (Glendale, AZ)
- Stella Avenue Sewer Rehabilitation (Glendale, AZ)
- Waterline Replacement Distribution Rehabilitation (Glendale, AZ)
- 75th Avenue Waterline (Peoria, AZ)
- Cave Creek Road Transmission Main (Phoenix, AZ)
- McDowell and Thomas Roads, 23rd and Central Avenues (Phoenix, AZ)
- Neighborhood Waterlines, Van Buren Street to McDowell Road (Phoenix, AZ)

### Transportation

- Dobson & Guadalupe Intersection Improvements (Mesa, AZ)
- Baseline Road Improvements - Horne to the Consolidated Canal (Mesa, AZ)
- Broadway Road Improvements (Mesa, AZ)
- Mesa Drive and Southern Avenue Improvements (Mesa, AZ)
- 64th Street Improvements, McDowell to Thomas Road (Scottsdale, AZ)
- Pima Road Design (Scottsdale, AZ)
- Roadway Capacity Improvements (Scottsdale, AZ)
- Upper Red Rock Loop Road Design Improvements (Sedona, AZ)
- 107th Avenue Paving Improvements (Avondale, AZ)
- Cooper Road Improvements (Chandler, AZ)
- Alma School Road and Ocotillo Road Improvements (Chandler, AZ)
- Alma School Road and Lake Drive Improvements (Chandler, AZ)
- Ocotillo Road and Jojoba Way Improvements (Chandler, AZ)
- Arizona Avenue and Ocotillo Road Intersection Improvements (Chandler, AZ)
- Germann Road Improvements – Dobson to Arizona (Chandler, AZ)



### Years of Experience

With Entellus: 1997 – Current  
With Other Firms: 2 Years

### Education

Bachelor of Science, Civil  
Engineering  
Marquette University, 1996

### Professional Registrations

2001, Civil Engineer, AZ #35896

### Professional Affiliations

American Public Work Association  
(APWA)

### Specialized Experience

Neighborhood Waterline  
Replacement  
Large Diameter Waterline Design  
Centrifugal Pump Design  
Roadside Design  
Design Firm Management Training  
OSHA 40-hour Hazardous Waste  
Site Operations Training  
Phase I Site Assessment Training

Breanna is a Principal Owner with seven years of multifaceted experience in civil design with numerous miles of waterline design. Her project experience includes project coordination, communicating with clients and other stakeholders, utility coordination, data collection and field verification. Her experience includes development of roadway geometrics and profiles, water main, sewer main, storm drain and private irrigation alignments and profiles. She has prepared construction documents, right-of-way delineation, cost estimates, specifications, various design reports and legal descriptions. Over the course of her employment with Entellus, she has had the opportunity to lead design for transportation, water/wastewater and drainage projects.

## KEY PROJECTS

### Water/Wastewater & Drainage

- City of Phoenix Waterline Replacement On-Call
- Various Waterline Replacements (Phoenix, AZ)
- Mesa Drive & Southern Avenue - 16" Water Main Replacement (Mesa, AZ)
- Sossaman Road PRV Removals & Waterline Replacements (Mesa, AZ)
- Southwest Zone 1 Transmission Main Camelback to Campbell Road/67th to 91st Avenue(Phoenix, AZ)
- 75th Avenue Distribution Main (Phoenix, AZ)
- Raw Water Pump Station and Pipeline, Union Hills Treatment Plant to Cave Creek Water Reclamation Facility (Phoenix, AZ)
- Deem Hills (5EA-B1) Booster Pump Station Upgrades (Phoenix, AZ)
- Concrete Reservoir Minor Rehabilitation and Assessments, Deem Hills and Happy Valley Reservoirs (Phoenix, AZ)
- Russell Ranch Lift Station and Force Main (EPCOR Water)
- Broadway Road Storm Drain Improvements, Serrine to Mesa Drive (Mesa, AZ)
- 14th Street and Marlette Avenue Drainage Improvements (Phoenix, AZ)
- City of Glendale AZPDES (MS4) Storm Water Annual Report (Glendale, AZ)

### Transportation

- Mesa Drive and Southern Avenue Intersection Improvements (Mesa, AZ)
- Guadalupe Road and Dobson Road Intersection Improvements (Mesa, AZ)
- Greenfield/Chandler Heights Road Improvements (Gilbert, AZ)
- Pima Road Improvements (Scottsdale, AZ)
- Rittenhouse Road Improvements (Queen Creek, AZ)
- Van Buren Street Paving, 75th Avenue to 67th Avenue (Phoenix, AZ)
- Automated Train Project (Phoenix, AZ)
- 32nd Street Multi-Use Trail and Street Improvements (Phoenix, AZ)
- Broadway Road Improvements, Power Road to Hawes Road (Mesa, AZ)
- Centennial Way (Phoenix, AZ)
- Germann Road Improvements, Val Vista to Higley Road (Gilbert, AZ)
- Mesa Drive and Southern Pedestrian Green Space (Mesa, AZ)



### Years of Experience

With Entellus: 2008 – current  
With other companies: 1 year

### Education

Bachelor of Science,  
Civil Engineering, University of  
Arizona, 2007

### Professional Registrations

2011, Civil Engineer, AZ #52606

### Specialized Experience

NPDES MS4 Training, National  
Stormwater Center (Post  
Construction, Hydrology and  
Stormwater, Pollution Prevention/  
Good Housekeeping)(

AutoCAD Civil 3D 2012, AutoTURN  
for AutoDesk Civil Series,  
Flowmaster, StormCAD

Bentley MicroStation - V8i,  
InRoads, Synchro

Chris is the GIS (Geographic Information Systems) Manager at Entellus and has worked on many planning and design projects as a GIS specialist and Public Works infrastructure projects as a designer\drafter. He also manages facility inventory survey projects ranging from mapping grade GIS data collection to survey grade highly accurate facility inventory.

Chris has experience with GIS mapping applications creating, analyzing, and visualizing spatial and tabular datasets. He has the expertise to develop maps, cartographic renderings, animations, and illustrations that are utilized to effectively communicate technical information to a wide range of stakeholder and public audiences.

## KEY PROJECTS

### Water Resources

- Palo Verde Watershed Detailed Floodplain Delineation (FCDMC, AZ)
- Gila River Floodplain Delineation Study (Yuma County, AZ)
- Pinal County Area Drainage Master Plan (Pinal County, AZ)
- Water / Wastewater Facility GPS Verification Project (Avondale, AZ)
- Santa Cruz River Master Plan , Pinal County (GIS Lead\Field Data Acquisition Manager)
- Sonoqui Wash, On-Call (Maricopa County)
- Wittmann Area Drainage Master Study Update (Maricopa County)
- Wittmann Area Drainage Master Plan (Maricopa County, AZ)
- Queen Valley Box Culvert (Pinal County, AZ)
- 1st Avenue Drainage (Phoenix, AZ)
- 9th Avenue Storm Drain, Peoria to ACDC Canal (Phoenix, AZ)

### Transportation

- 107th Avenue Road Improvements (Avondale, AZ)
- Design Build for Dysart Road and I-10 Improvements (Avondale, AZ)
- Basha Road, Ocotillo to Alma School Road (Chandler, AZ)
- Basha Road, Ocotillo to Alma School Road, Phase II (Chandler, AZ)
- Dobson Road, Pecos to Germann (Chandler, AZ)
- Gila Springs Boulevard and Chandler Boulevard Intersection (Chandler, AZ)
- Gilbert Road Improvements (Chandler, AZ)
- Gilbert Road Phase I Paving and Utilities (Chandler, AZ)
- McClintock Drive, San Tan Freeway to Chandler Boulevard (Chandler, AZ)
- Pecos Road Improvements Design and Construction Administration (Chandler, AZ)
- Pecos Road Intersection Improvements (Chandler, AZ)
- Right Turn Lanes (Chandler, AZ)
- Toho-Tolani County Improvement District (Flagstaff, AZ)
- Centerra Well Site Modifications (Goodyear, AZ)
- Baseline Road Improvements (Mesa, AZ)
- 7th Avenue, Monticeto to Campbell Street Improvements (Phoenix, AZ)
- 44th Street Screen Wall (Phoenix, AZ)



### Years of Experience

With Entellus: 2001 – current  
With other companies: years

### Education

Master of Science, Geographic Information Systems,  
Arizona State University, 2005

Bachelor of Science, Computer Visualization Technology, ITT, 2003

Associate Art and Science  
Computer Aided Drafting  
Technology, ITT, 2001

### Specialized Experience

LEAP - Leadership in Engineering Administration Program (ACEE AZ)

ESRI - ArcMap, ArcPad, Spatial Analyst, 3D Analyst, ArcHydro, ArcServer

Trimble - Business Center, Feature Definition Manager, Access

AutoCAD Design Suite

Adobe - Photoshop, Illustrator

As Survey Manager, Mr. Francetic is responsible for coordination of work and supervision of field crews, office personnel, mapping companies and project management, including estimating and scheduling. He has extensive experience in a wide range of survey activities, specializing in control work ranging from large GPS surveys for aerial control to intricate checks of steel column layout. He has worked on boundaries, final plats and MODs for private developers, easements and rights-of-way for utility companies and municipalities, annexations for municipalities, and higher order surveys for municipal parks, airports, roadways, industrial parks, shopping centers, and various other private and commercial developments.

## KEY PROJECTS

### Water/Wastewater

- Upper Zone Pump Stations (Mesa, AZ)
- 16th Street & Indian School Waterline Replacement (Phoenix, AZ)
- SW Zone 1 Transmission Main (Phoenix, AZ)
- Arizona Water Company Oasis Treatment Plant (Mesa, AZ)
- North CAP Facility (Mesa, AZ)
- Pasadera Reservoir (Mesa, AZ)
- County Line Pump Station #2 (Mesa, AZ)
- Sossaman Road PRV Replacement (Mesa, AZ)
- Apache Junction Sanitary Sewer As-Builts (Apache Junction, AZ)
- Phoenix International Raceway Water, Sewer Construction, and As-Builts (Avondale, AZ)
- Crown-Morgan Interconnect (Cleveland, OH)
- Sonora Town Sewer Improvements (Gilbert, AZ)
- Glendale Manhole Inventory (Glendale, AZ)
- 24th Street and Broadway Water Replacement (Phoenix, AZ)
- 19th Avenue and Glendale Water Replacement (Phoenix, AZ)
- 27th Avenue & Bethany Home Water Replacement (Phoenix, AZ)
- 24th Street and Osborn Water Replacement (Phoenix, AZ)
- Camelback Road Force Main, 111th to 99th Avenue (Phoenix, AZ)
- Hines Camelback Core Waterline & Booster Pump Station (Phoenix, AZ)
- Waterline Replacement, 28th Street and Sweetwater (Phoenix, AZ)

### Transportation

- McDonald Drive Median Islands Traffic Calming (Paradise Valley, AZ)
- Germann Road - Val Vista to Higley (Gilbert, AZ)
- 56th Street - Deer Valley to Pinnacle Peak (Phoenix, AZ)
- Happy Valley Park-n-Ride (Phoenix, AZ)
- Central Avenue (Avondale, AZ)
- Alma School Road & Chandler Blvd. (Chandler, AZ)
- Broadway Road, Power to Hawes (Mesa, AZ)
- Centennial Way (Phoenix, AZ)
- Gilbert Road, Germann to Queen Creek Road (Chandler, AZ)
- Gilbert Road, Queen Creek Road to Hunt Highway (Chandler, AZ)
- Regional Transit Authority (RTA) Lakefront Line (Cleveland, OH)
- Sandoval County Road 826 (Cuba, NM)
- Dysart Road, Cactus Road to Northern Avenue (El Mirage, AZ)
- Thunderbird Road, Dysart Road to Grand Avenue (El Mirage, AZ)
- Roberts Road- Judys Road to Felix Road (Florence, AZ)
- Shea Boulevard, Palisades Boulevard to Fountain Hills Boulevard (Fountain Hills, AZ)
- ConocoPhillips Wingate Plant Rail Switch Yard (Gallup, NM)
- Greenfield Road and Chandler Heights Road (Gilbert, AZ)
- Maricopa-Casa Grande Highway, Peters & Nall to Anderson (Maricopa, AZ)
- Ralston Road & Warren Road (Maricopa, AZ)
- Dobson & Guadalupe (Mesa, AZ)
- Light Rail Park-n-Ride Sites (Mesa, Phoenix, Tempe, AZ)
- Loop 202 - Gilbert Road to I-10 Soundwalls (Mesa, Gilbert, Chandler, AZ)
- Mesa Drive & Southern Avenue (Mesa, AZ)
- Southern Avenue Intersections DCR: Country Club, Mesa, and Stapley Drives (Mesa, AZ)



### Years of Experience

With Entellus: 2007 – current  
With other firms: 14 years

### Education

Bachelor of Science, Surveying,  
Ohio State University, 1993

### Professional Registrations

1999, Land Surveyor, AZ #33874  
2008, Land Surveyor, NM #18994  
2009, Land Surveyor, NV #020262  
2007, Certified Federal Surveyor  
(CFedS) #1090  
2007, NSPS Certified Survey Technician (CST), #0707-3098

### Professional Affiliations

Arizona Professional  
Land Surveyors  
  
National Society of Professional  
Surveyors

### Specialized Experience

Legal descriptions  
Plats  
Maps of dedication  
Horizontal and vertical control for  
aerial mapping  
Topographic surveys  
ALTA and boundary surveys  
Construction layout

Denis is a Project Manager/Sr. Engineer for Entellus and has more than 30 years of management and design experience. He manages key projects for Entellus in the public and private sectors that typically include heavy infrastructure and highway projects. For the projects below, Denis has served as either Project Manager or Project Principal and was responsible for production and quality of the engineering products for each project. Denis has hands-on experience in delivering final design projects and accelerate schedules. He is experienced in leading production-oriented teams and addressing issues, concerns and opportunities of all stakeholders.

## KEY PROJECTS

### Transportation

- SR 303L, Thomas to Camelback (Goodyear, AZ)
- Gilbert Road, Germann to Hunt Highway (Chandler, AZ)
- 56th Street and Chandler Boulevard (Chandler, AZ)
- Cooper Road and Pecos Road Intersection (Chandler, AZ)
- Veterans Memorial Highway (Pinal County)
- Kelvin Bridge Replacement (Pinal County)
- Estates at Cave Creek (Cave Creek, AZ)
- Cooper Road and Pecos Road Improvements, CM at Risk (Chandler, AZ)
- Ehrenberg Port-of-Entry Reconstruction; ADOT (Ehrenberg, AZ)
- Shea Boulevard, Fountain Hills City Limits to SR 17; MCDOT (Fountain Hills, AZ)
- Shea Boulevard Passing Lane (Fountain Hills, AZ)
- US 191 Widening; ADOT (Graham and Gilas Counties, AZ)
- Lake Havasu City Uptown Streetscape Plan (Lake Havasu City, AZ)
- Lake Mohave National Park Improvements (Lake Mohave, AZ)
- Light Rail Park and Ride Facilities (Maricopa County, AZ)
- SR 87 Reconfiguration, MP200 to MP201.5; ADOT (Maricopa County, AZ)
- Homolovi Ruins State Park Roadway Improvements; ADOT (Navajo County, AZ)

### Utilities

- Catalina State Park Expansion Study and Design (Arizona State Parks)
- Tonto Natural Bridge State Park Wastewater Collection and Water Distribution Infrastructure (Arizona State Parks)
- Boulders Carefree Sewer Corporation Consultation Services (Carefree, AZ)
- Commercial and Inn Estates Pump Stations, Boulders Carefree Sewer Corporation (Carefree, AZ)
- Sewage Force Main and Lift Station Upgrades (Carefree, AZ)
- Sewer Line Design, Boulders Residential Development (Carefree, AZ)
- Camelback Road Water Line (Phoenix, AZ)

### On-Call Contracts

- On-Call Contracts, ADOT Roadway Design Section (AZ statewide)
- On-Call Contracts, ADOT On-Call District Minor (Globe & Phoenix Construction Districts)
- On-Call Contracts, City of Tempe Engineering Department (Tempe, AZ)
- General Motors Mexico Hot Weather Test Facility (Mexico)
- Indefinite Delivery Order Contract, Marine Corps Air Station and Cannon Air Defense Complex (Yuma, AZ)

### Value Engineering

- US89, Antelope Hills to JCT US160 (Cameron, AZ)
- Sossamon Road PRV Removal and Water Line Replacement (Mesa, AZ)



### Years of Experience

With Entellus: 20 years  
With other firms: 16 years

### Education

Bachelor of Science, Civil  
Engineering, Brigham Young  
University, 1980

### Professional Registrations

1986, Civil Engineer, AZ #19584  
1985, Civil Engineer, OK #14250  
1987, Civil Engineer, UT #171466-  
2202  
2011, Associate Value Specialist  
(AVS) #201106039

### Professional Associations

AzSCE Phoenix Branch, Past  
President  
AzSCE Arizona Section, Treasurer  
AzSCE – Chair, Transportation  
Committee

### Specialized Experience

Federal Funding Projects  
Urban and Rural Road Design  
Hydrologic/Hydraulic Studies  
Water/Wastewater Services  
Project Management



Dustin possesses six years of civil design and construction experience for municipal and Arizona Department of Transportation high level improvement projects. His construction experience includes on-site inspection, RFI responses, shop drawing reviews, pay application reviews and construction administration (conducting weekly meetings). His project responsibilities will be to interpret plans, develop specific details not shown on the plans, respond to RFI's perform shop drawing reviews and verify construction quantities.

## KEY PROJECTS

### Transportation

- Cooper Road Improvements (Chandler, AZ)
- Raw Water Pipeline & Improvements to Elliot Road (Mesa, AZ)
- GOM Sidewalk Improvements - 1st Avenue from Ocotillo Drive to Stardust Lane (Apache Junction, AZ)
- Old West Highway Median Opening (Apache Junction, AZ)
- State Route 202: SR101 to Broadway Road
- State Route 24: SR202 to Ellsworth Road
- Fort McDowell Yavapai Nation: Various Roads
- Hohokam Expressway: SR143/Sky Harbor Blvd

### Water/Wastewater

- Raw Water Pipeline & Improvements to Elliot Road (Mesa, AZ)
- West Anthem Water & Sewer Infrastructure (Phoenix, AZ)



### Years of Experience

With Entellus: 2016 – current  
With other companies: 5 years

### Education

Bachelor of Science, Civil  
Engineering and Minor in  
Mechanical Engineering  
Northern Arizona University, 2011

### Professional Registrations

2015, Civil Engineer, AZ #61200

### Professional Affiliations

American Council of Engineering  
Companies (ACEC) of Arizona

### Specialized Experience

Arizona Technical Testing Institute  
(ATTI)

American Concrete Institute (ACI)

Erosion Control Coordinator  
Training (ECC)

Transportation Management Plan  
Training

Building Leadership Excellence  
Training

PEN 5 Test Team

10 and 30 Hour OSHA Training  
Courses

Hernan specializations include FEMA floodplain delineation, Drainage planning, scour analysis, and drainage infrastructure design. Hernan has been involved in the delineation of more than 1000 miles of detail and approximated floodplain delineation, and developed drainage master plans for more than 10,000 square miles in Arizona, including the Countywide Drainage Master Plan for Pinal County and several watersheds within Maricopa County. Hernan has also been involved in multiple sediment transport projects ranging from simple scour analysis to complex sediment transport modeling in some of the major Rivers in Arizona such as the Gila River, The Salt River and the Agua Fria River.

## KEY PROJECTS

### Water Resources

- Westbrook Village Verdict Implementation (Peoria, AZ)
- Schnepf Bridge Sour Analysis (Pinal County, AZ)
- Wittmann ADMSU/ADMP (Maricopa County, AZ)
- Pima Road Roadway & Drainage Improvements (Scottsdale, AZ)
- East Mesa ADMPU (Maricopa County, AZ)
- Salt River and 35th Ave Bridge Hydraulics and LMOR (Maricopa County)
- McMicken Dam Alternative Analysis (Maricopa County)
- Broadway Road Improvemnts (Mesa, AZ)
- Eloy Industrial Park (Pinal County, AZ)
- 9th Avenue Storm Drain (Phoenix, AZ)
- 35th Avenue Bridge Replacement (Phoenix, AZ)
- Lakin Ranch Drainage Master Plan (Avondale, AZ)
- Buckeye Area Drainage Master Study (Buckeye, AZ)
- Buckeye/Sun Valley Area Hydrology for Agricultural Areas, Pilot Study (Buckeye, AZ)
- Fountain Hills Area Drainage Master Plan (Fountain Hills, AZ)
- Fountain Hills South (Fountain Hills, AZ)
- Glendale/Peoria Area Drainage Master Plan Update (Maricopa County, AZ)
- Wittmann Area Drainage Master Study Update (Maricopa County, AZ) \*
- Wittmann Area Drainage Master Plan (Maricopa County, AZ)
- Hazard Mitigation Plan (Mohave County, AZ)
- West Brook Village (Peoria, AZ)
- Flood Mitigation Study for Phoenix Sky Harbor International Airport (Phoenix, AZ)
- On-Call Drainage Report Review (Pinal County, AZ)
- Pinal County Area Drainage Master Plan (Pinal County, AZ)
- Granite Reef Wash Drainage Master Plan (Scottsdale, AZ)
- Abitibi Consolidated Biomass Drainage (Snowflake, AZ) \*
- East Mesa Drainage Master Plan (Yuma County, AZ)
- Gila River Floodplain Delineation Study (Yuma County, AZ)
- City of Mesa Storm Drainage Master Plan (Mesa, AZ)
- Southern Avenue Drainage Improvement (Mesa, AZ)
- Broadway Road Drainage Improvements (Mesa, AZ)
- Lone Mountain Road DCR (Peoria, AZ)
- 9th Avenue Storm Drain – Peoria to ACDC Canal (Phoenix, AZ)
- ADOT Canoa Ranch Crossings (Pima County, AZ)
- Pima Road Channel (Scottsdale, AZ)
- Phoenix Park Wash Channelization (Snowflake, AZ)
- ADOT On-Call Statewide Design Services (Canoa Ranch, AZ)
- Toho-Tolani County Improvement District (Coconino County, AZ)
- Fountain Hills Area Drainage Master Plan (Fountain Hills, AZ)
- Anthem Waterline for Dead Man Wash and Skunk Creek (Maricopa County, AZ)
- Channelization Study and Design for White Tanks No. 3 Inlet Channel (Maricopa County, AZ)



### Years of Experience

With Entellus: 1993 – current  
With other firms: 3 years

### Education

Bachelor of Science, Agricultural and Irrigation Engineering, Utah State University, 1988

Master of Science, Civil and Environmental Engineering, Utah State University, 1992

### Professional Registrations

1995, Civil Engineer, AZ #29737  
2010, Civil Engineer, UT #177010-2202  
2005, Certified Floodplain Manager, US-04-01298

### Professional Affiliations

Arizona Floodplain Management Association (AFMA)  
Association of State Floodplain Managers (ASFM)

### Specialized Experience

Government sector project management and administration  
Government agency design guidelines, standards, contractual and administrative procedures  
Broad technical and management experience with Flood Control District of Maricopa County drainage and flood control projects  
NPDES compliance regulations  
Hydrology modeling

Jeff has specialized experience in AutoCAD, Civil 3D, is a Principal Owner and has more than 29 years of experience in technical design for multiple municipal projects. He has served as lead designer for private and public works projects for Arizona local governments and developers. Jeff is recognized for his expertise in local municipal facility ADA compliance analysis and ensures adherence to Public Rights-of-Way Accessibilities Guidelines and is programmed to be certified to perform ADA Self Evaluation and Transition Plans by the Federal Highway Administration (FHWA). Additionally, Jeff specializes in utility related projects and is very familiar with the coordination requirements for public and private utility relocations. His expertise is early utility conflict identification to make coordination of design and construction aspects of the relocation process straightforward. His project responsibilities are to develop specific project details, interpret as-built and quarter section drawings and prepare plan and profile sheets. He excels with the current versions of AutoCAD and other drafting/design software.

## KEY PROJECTS

### Water & Wastewater

- CAWCD Turnout and Check Structure As-Built (Maricopa, Pinal, Pima, La Paz Counties, AZ)
- Quintero Water Project (Maricopa County, AZ)
- Waterline Relocations Planning and Design (Mesa, AZ)
- Desert Sands Waterline (Mesa, AZ)
- Ellsworth Road 36" Sewer (Mesa, AZ)
- Germann Greenfield Sewer Interceptor (Mesa, AZ)
- Baseline Road Waterlines (Mesa, AZ)
- Tonto Natural Bridge State Park Water, Sewer, Force Main & Irrigation Improvements Design (Payson, AZ)
- Bell Road and 9th Street Sewer Crossing (Phoenix, AZ)
- Camelback Road Water Main, 40th to 56th Street (Phoenix, AZ)
- Cave Creek Road Water Transmission Main (Phoenix, AZ)
- Neighborhood Waterlines, Van Buren to McDowell Road (Phoenix, AZ)
- Waterline Relocations Planning and Design (Phoenix, AZ)
- Camelback Core Water Improvements (Phoenix, AZ)
- Camelback Core Booster Pump Station (2A-B11) (Phoenix, AZ)
- Waterline Relocations Planning and Design (Scottsdale, AZ)

### Transportation

- 32nd Street Roadway Improvements, Southern to Broadway (Phoenix, AZ)
- Germann Road, Val Vista to Higley Road Improvements (Gilbert, AZ)
- Dobson Road, Pecos to Germann Road Improvements (Chandler, AZ)
- McClintock Drive, San Tan Freeway to Chandler Boulevard (Chandler, AZ)
- Pecos Road Improvements (Chandler, AZ)
- Germann Road Improvements (Chandler, AZ)
- Toho-Tolani County Improvement District (Coconino County, AZ)
- Greenfield Road and Chandler Heights Road Improvements (Gilbert, AZ)
- Alma School Road, Main Street to Salt River, Roadway and Storm Drain Improvements Original Design and Redesign (Mesa, AZ)
- Baseline Road, Horne Street to Consolidated Canal (Mesa, AZ)
- Broadway Road, Power Road to East Maricopa Floodway, Drainage and Roadway Improvements (Mesa, AZ)



### Years of Experience

With Entellus: 1987 – Current

### Education

Associate in Applied Science,  
Drafting Technology,  
Glendale Community College, 1986

### Specialized Experience

AutoCAD  
CADD Management  
Hydrology  
Microstation  
AutoTURN

Over the past 11 years, Martin Weeden has been responsible for the design and management of an extensive range of water / wastewater projects, at all stages of development, for many different public and private agencies. He has experience in the master planning, design and construction of wastewater treatment, conveyance and reuse facilities; water treatment, production, pumping, transmission and storage facilities. He has developed creative solutions for site upgrades with limited space under tight schedules.

## KEY PROJECTS

### Water/Wastewater

- West Anthem Booster Pump Station Upgrades (Phoenix, AZ)
- Phoenix Reservoir Assessment and Upgrades (Phoenix, AZ)
- Riverfront WRF UV Disinfection Design (Cottonwood, AZ)
- Riverfront WRF Odor Control Design (Cottonwood, AZ)
- Cottonwood Integrated Water Master Plan (Cottonwood, AZ)
- Estrella Site 13 Zone 2 BPS Upgrades (Goodyear, AZ)
- Layton Lakes Forcemain Rehabilitation Study and Design (Gilbert, AZ)
- Well Site 25 Improvements (Mesa, AZ)
- Well Site 27 and 16-Inch Water Main Improvements (Mesa, AZ)
- Greenfield Rd. Forcemain Emergency Repair (Gilbert, AZ)
- Desert Diamond Casino WWTP Upgrade Evaluation/New WWTP Design (Sahuarita, AZ) (Tohono O'odham Nation)
- Mesquite Hills Arsenic Water Treatment Plant (Cottonwood, AZ)
- Camp Verde Sanitary District Collection System Additions and Wastewater Treatment Plant Upgrade (Camp Verde, AZ)
- Apache Sky Casino Water and Sewer Evaluation (Duddleyville, AZ) (San Carlos Apache Tribe)
- North Willard Rd. Waterline Replacement (Cottonwood, AZ)
- Dorsey Waterline Replacement (Tempe, AZ)
- Cordes Lake Water Model (Cottonwood, AZ)
- Pinnacle Peak Country Estates Regional Water Study (Surprise, AZ)
- John Wayne Parkway & Hathway Offsite Water and Sewer (Maricopa, AZ)
- City of Show Low 208 Amendment (Show Low, AZ)
- Gila River Indian Community Price Rd. Waterline (Sacaton, AZ)
- Desert Ridge Superblock 1 South 42-Inch/36-Inch Water Transmission Main (Phoenix, AZ)
- Desert Ridge Superblock 8 Rose Garden Lane Transmission Main (Phoenix, AZ)
- Desert Ridge Superblock 1 South 16: Reclaimed Waterline (Phoenix, AZ)
- Desert Ridge Superblock 8 Zone 5E Phase 2 Transmission Main (Phoenix, AZ)
- Canyon Trails 24-Inch Off-Site Water Main & La Jolla Vista Off-Site Water Main (Goodyear, AZ)
- Amber Meadows Off-Site Water Main (Goodyear, AZ)

### Park Projects

- Brooks Reservoir Site Improvements (Mesa, AZ)
- Riverfront Park Water Reclamation Facility Design (Cottonwood, AZ)
- Bella Montana Water Reclamation Facility – Phase 1 (Cottonwood, AZ)
- Wickenburg Ranch Water and Sewer Infrastructure (Wickenburg, AZ)
- Ben Avery Shooting Facility Water and Sewer Infrastructure (Phoenix, AZ)



### Years of Experience

With Entellus: 2003 – current  
With other firms: 19 years

### Years of Experience

With Entellus: 2015-Current  
With other firms: 11 Years

### Education

Bachelor of Science in Civil/  
Environmental Engineering,  
Arizona State University, 2006

Master of Science in Environmental  
Engineering, Arizona State  
University, 2013

### Professional Registrations

Registered Civil Engineer, AZ  
#51372, 2010

### Professional Associations

Arizona Water Association  
American Society of Civil Engineers  
(ASCE)

### Areas of Expertise

Large Diameter Water & Sewer  
Main Design

Hydraulic Modeling

Water Treatment Technologies  
& Design

Wastewater Treatment  
Facility Design

Infrastructure Planning & Design

Pump Station Design

Four years of in-country  
international project assignments

Mr. Colland has diverse construction industry experience from his previous employment with private engineering companies, a municipal entity, and a general contractor. He currently serves as the Construction Administration Manager at Entellus as well as the Vice President and Qualified Party of the construction management subsidiary, Entellus Construction Services LLC. . Mike will prepare detailed cost estimates and ensure bid items conform to bid item list, description and unit of pay. He will verify major project elements' (earthwork, paving, drainage, structures, traffic) quantity take-offs and unit prices. As a licensed contractor in the State of Arizona, he is aware of material prices from suppliers and vendors, knows heavy equipment operating costs and knows the labor wages in Arizona.

## KEY PROJECTS

### Water / Wastewater

- Recker Road/Ray Road Reservoir and Booster Pump Station (Gilbert, AZ)
- Freescale Chandler Groundwater Pipeline (Chandler, AZ)
- Camelback Core Water Improvements (Phoenix, AZ)
- Camelback Core Booster Pump Station (Phoenix, AZ)
- Germann Road Sewer and Lift Station (Chandler, AZ)
- Thunderbird Road Water Line Improvements (El Mirage, AZ)
- 67th Avenue and Beardsley Road Lift Station Modifications (Glendale, AZ)
- 61st Avenue Relief Sewer (Glendale, AZ)
- PhxMesa Gateway Airport Wastewater Lift Station (Mesa, AZ)
- 75th Avenue Waterline (Peoria, AZ)
- 75th Avenue Waterline (Peoria, AZ)
- 91st Avenue Force Main Extension (Phoenix, AZ)
- Lift Station #62 Expansion (Phoenix, AZ)

### Transportation

- PHX-Sky Harbor West Runway Safety Area 7R-25L (Phoenix, AZ)
- Cooper/Pecos Bridge Inspections (Chandler, AZ)
- Kyrene Road Improvements (Chandler, AZ)
- McClintock Drive Improvements (Chandler, AZ)
- Pecos Road Improvements (Chandler, AZ)
- Dysart Road Paving Improvements (El Mirage, AZ)
- Wingate Rail Project (Gallup, NM)
- Higley Road Improvements, EMF to 1,370'N (Gilbert, AZ)
- East Paradise Lane Improvements (Peoria, AZ)
- Hanson Batch Plant Road (Pinal County, AZ)
- DC Ranch Community Facilities District (Scottsdale, AZ)

### Hydrology and Flood Control

- McCartney Ranch 404 Wash (Casa Grande, AZ)
- CAWCD Turnout and Check Structure As-Builts (Maricopa, Pinal, Pima, La Paz Counties, AZ)
- Skunk Creek Channel Improvements (Peoria, AZ)

### Land Development

- Blue Horizons Phase 1B (Buckeye, AZ)
- Villa De Fuente HOA (Scottsdale, AZ)
- Blue Horizons Phase I (Buckeye, AZ)
- Arbor Lane (Chandler, AZ)
- Shadow Ridge (Chandler, AZ)



### Years of Experience

With Entellus: 2004 – Current  
With Other Firms: 7 Years

### Education

Bachelor of Science,  
Construction,  
Arizona State University, 1998

### Professional Registrations

“A” General Engineering Arizona  
Contractor’s license ROC 220970

Certified Professional Constructor  
CPC #751 with American Institute  
of Constructors

### Specialized Experience

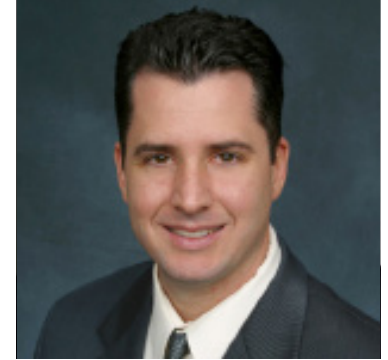
Completed 10 hour OSHA Certifi-  
cation Training  
Rule 310 Certification MCAQD  
American Council of Engineering  
Companies (ACEC)  
Leadership in Engineering Admin-  
istration Program (LEAP) gradu-  
ate, 2006  
UDOT Partnering Training Ph I & II  
Proficiency with construction  
scheduling, estimating, and ac-  
counting softwares

Mike has 16 years experience in Civil Engineering and Project Management for park facilities, master planned communities, residential subdivisions, and mixed-use developments. His diverse background includes subdivision design, onsite/offsite drainage, urban freeway drainage, arterial and collector roadway drainage, and utility design and coordination. In addition, his design experience includes extensive subdivision paving, grading, drainage, water, and sewer design within master planned communities; master drainage report updates; Conditional Letter of Map Revision (CLOMR) and Letter of Map Revision (LOMR); floodplain delineations; scour analysis; lateral migration analysis; culvert, storm drain, open channel, and catch basin design. Mike has managed projects from small pads to over 1000 acre master planned communities.

## KEY PROJECTS

### *Land Development / Master Planned Communities*

- Estrella – Master Planned Community (Goodyear, AZ)
- Falcon Ridge (Maricopa County, AZ)
- Falcon View II (Maricopa County, AZ)
- Sonoran Crossing (Phoenix, AZ)
- Trilogy at Vistancia - Master Planned Community (Peoria, AZ)
- Vistancia - Master Planned Community (Peoria, AZ)
- Trilogy at Vistancia - Master Planned Community Phase I and Phase II LOMR (Peoria, AZ)
- Trilogy at Vistancia - Master Planned Community Floodplain, Floodway, and Erosion Setback Analysis (Peoria, AZ)
- Gold Mountain Preserve (Phoenix, AZ)
- Blackstone - Vistancia, Master Planned Community (Peoria, AZ)
- Sienna Hills (Buckeye, AZ)
- Anthem - Master Planned Community (Anthem, AZ)
- Dynamite Mountain Ranch, Master Planned Community (Phoenix, AZ)
- Lone Mountain Master Planned Community (Phoenix & Scottsdale, AZ)
- Landbridge, Sundance Canyon (Kingman, AZ)
- Big Gulch Creek, M3 Eagle Development (Boise, ID)



### **Years of Experience**

With Entellus: 2016 – current

With other firms: 16 years

### **Education**

Bachelor of Science,  
Civil Engineering,  
Arizona State University, 1999

### **Professional Registrations**

2004, Civil Engineer, AZ #40975

### **Professional Affiliations**

Valley Partnership  
Home Builders Association  
of Central Arizona

### **Specialized Experience**

Leadership in Engineering  
Administration Program (LEAP)

Project Management  
Boot Camp (PSMJ)

Risk Management

Business Ethnic Finding,  
Winning, and Keeping Clients

Communicating with  
Tact & Diplomacy

Quality Control

Annual Appraisal  
Training for Managers

Project Wise

Ryan's abilities are diverse with roles ranging from project management, technical reviewer to hydraulic and design engineer. With a Master's degree in Civil (Water Resources) Engineering, Ryan is always ahead of the curve with the use of new and innovative technologies. He is skilled in the application and use of hydrologic and hydraulic models (1-D, 2-D and unsteady) and he can effectively and efficiently utilize the proper tools to successfully complete many water related projects. Ryan has been involved in projects dealing with culvert and channel design, roadway improvements, floodplain delineation, water distribution modeling, hydraulic and hydrologic modeling, aerial mapping verification, and master plans and studies.

Ryan is able to tackle and efficiently complete a wide range of water related projects with a specialization in hydrology and hydraulics, and in particular with complicated hydraulic situations. With significant experience utilizing HEC-RAS, unsteady HEC-RAS and FLO-2D, Ryan is able to undertake any hydrologic or hydraulic problem. Entellus was an early adopter of 2-dimensional modeling with FLO-2D and has more than 10 years of experience utilizing it throughout the desert southwest.

## KEY PROJECTS

### Water Resources

- WITTMANN ADMSU/ADMP, MARICOPA COUNTY (Project Engineer)
- Palo Verde Watershed Zone A Floodplain Delineation Study, Maricopa County (Project Engineer)
- Gila River Floodplain Delineation Study, Maricopa County (Project Engineer)
- Coyote Wash & Wash A Floodplain Delineation, Yuma County (Project Engineer)
- Huachuca City Effluent Recharge Project: DCR and Design, Upper San Pedro Partnership (H&H Engineer)
- Santa Cruz River Master Plan, Pinal County (Project Manager)
- Eloy Industrial Park Analysis, Pinal County (Project Manager)
- Pima Roadway Drainage Improvements, Scottsdale, AZ (Project Engineer)
- EAST MESA ADMPU, Maricopa County (Project Engineer)
- Storm Drain Master Plan, City of Mesa (Project Engineer) Omega, Sonoqui Wash Tributary FLO-2D Analysis along Thompson Road (Pinal County, AZ)
- Lakin Ranch, Pulte Homes, Durango Regional Conveyance Channel Design (Avondale, AZ)
- Palo Verde Watershed Floodplain Delineation Study (Maricopa County, AZ)
- Wittmann Area Drainage Master Study Update (Maricopa County, AZ)
- Wittmann Area Drainage Master Plan (Maricopa County, AZ)
- Pinal County Area Drainage Master Plan (Pinal County, AZ)
- Schnepf Bridge (Pinal County, AZ)
- City of Phoenix Waterline Replacement (Phoenix, AZ)
- Sonoqui Wash Floodplain Delineation Study (Queen Creek, AZ)
- Granite Reef Wash Drainage Master Plan (Scottsdale, AZ)
- Optima Camelview Village Water Design Report (Scottsdale, AZ)
- Pima Road Improvements, Loop 101 to Thompson Peak Parkway (Scottsdale, AZ)
- Roadway and Drainage Improvements for Section 10 (Surprise, AZ)
- Huachuca City Effluent Recharge Project (Town of Huachuca City, AZ)



### Years of Experience

With Entellus: 2001 – current

### Education

Master of Science,  
Civil & Environmental  
Engineering  
Arizona State University, 2007

Bachelor of Science, Civil  
Engineering,  
Arizona State University, 2003

### Professional Registrations

2007, Civil Engineer, AZ #46866  
2005, Certified Floodplain  
Manager (CFM), US-05-01709

### Professional Affiliations

Arizona Floodplain Management  
Association (AFMA)  
Association of State Floodplain  
Managers (ASFPM)

### Specialized Experience

Hydraulics: FLO-2D, HEC-RAS,  
HEC-RAS 2D, HEC-GeoRAS,  
HEC-2, RMS/RiverCAD, H2ONET,  
FlowMaster, StormCAD, iRIC  
(FastMech, Nays2D, STORM and  
others)

Hydrology: HEC-1, HEC-HMS,  
DDMSW, WMS, ArcHydro  
ESRI: ArcMap, Spatial Analyst,  
3D-Analyst, ModelBuilder

Tim is a Principal of Entellus and Sr. Project Manager. He has 31 years of professional experience which includes engineering and coordination of design teams for a wide range of site development improvements, electric utility, public works, and large-scale land development projects. Tim's professional experience includes engineering design and coordination of design teams for a wide range of public works and large-scale land development projects. Major projects have included master-planned communities, hydrologic and hydraulic analysis, small and large scale park projects and multi-site military air base projects.

## KEY PROJECTS

### Site Development

- Desert Botanical Garden (Phoenix, AZ)
- WestWorld Multi-Use Building (Scottsdale, AZ)
- Ben Avery Shooting Facility (Maricopa County, AZ)
- Forest Road 19 Culvert Crossing (Barlett Lake)
- Fire Station Number 1 (Chandler, AZ)
- Paradise Valley Middle School (Phoenix, AZ)
- Climatec Headquarters Site Redevelopment and Expansion (Phoenix, AZ)
- Rainbow Vision Retirement community (Santa Fe, NM)
- Rio Salado Community College – Green Learning Campus (Phoenix, AZ)
- Optima Camelview Mixed-Use Project (Scottsdale, AZ)
- Optima Biltmore Tower (Phoenix, AZ)
- 3rd Street Luxury Apartments (Phoenix, AZ)
- Vista Verde Middle School, Paradise Valley School District (Paradise Valley, AZ)
- Trinity Health Group, Skilled Nursing Facility (Phoenix, AZ)
- Park Central Mall (Phoenix, AZ)

### Land Development / Master Planned Communities

- Eastmark DU7 South (Mesa, AZ)
- Eastmark DU3 South (Mesa, AZ)
- La Mesita Emergency Shelter (Mesa, AZ)
- DCR for Lone Mountain Road Alignment (Peoria, AZ)
- Fire Station (Peoria, AZ)
- El Mirage Road Paving Plans (Peoria, AZ)
- Jomax Road Paving Plans (Peoria, AZ)
- Planning & Mass Grading for Courtland Homes (Peoria, AZ)
- State Legal Description for Right-of-Way for Courtland Homes (Peoria, AZ)
- Multiple Utility Crossings & Licenses at MWD Canal (Peoria, AZ)
- G6 Drainage Modifications & Replat for TW Lewis (Peoria, AZ)
- A4 Preliminary Grading Concept & Drainage Calculations (Peoria, AZ)
- B3 for Cachet Homes (Peoria, AZ)
- Utility Service Adjustments A30, Lots 1-3 (Peoria, AZ)
- A25, A26, A27 Stockpile Plan (Peoria, AZ)
- Preliminary Constraints Maps & Grading Concepts, D9, D10, A24 (Peoria, AZ)
- Lakin Ranch (Avondale, AZ)
- Anthem (Anthem, AZ)
- Anthem at Sun Valley (Buckeye, AZ)
- Sunridge Estates (Bullhead City, AZ)



### Years of Experience

With Entellus: 2003 – current  
With other firms: 19 years

### Education

Bachelor of Science,  
Civil Engineering,  
Tri-State University, 1984

### Professional Registrations

1989, Civil Engineer, AZ #22861  
1990, Civil Engineer, CA #45598  
1995, Civil Engineer, NV #11632  
1995, Civil Engineer, NM #12898  
Leadership in Energy &  
Environmental Design (LEED AP)  
#GBCI0010424728  
2016, Associate Value Specialist  
(AVS) #201601124

### Professional Affiliations

American Society of Civil Engineers  
(ASCE)  
Chi Epsilon, Civil Engineering Honor  
Society  
United States Green Building  
Council (USGBC)  
Urban Land Institute (ULI)  
Private Development Coalition  
(ACEC)  
Valley Partnership  
Valley Forward

### Specialized Experience

Management & administration of  
multi-discipline engineering groups  
Multi-discipline project management  
Four years of in-country  
international project assignments