



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

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

**Offer Forms**  
**(Attachments)**  
 Date: [January 8, 2018](#)

ATTACHMENT 1..... OFFER AND ACCEPTANCE FORM .....2  
 ATTACHMENT 2-A.... EXPERIENCE AND CAPACITY .....3  
 1.0.... FIVE (5) EXAMPLE PROJECTS .....3  
 ATTACHMENT 2-A.... EXPERIENCE AND CAPACITY .....7  
 2.0.... EMPLOYEES BY DISCIPLINE.....7  
 3.0.... FIRMS EXPERIENCE AND REVENUE .....9  
 4.0.... FIRMS SERVICES .....9  
 5.0.... EXPERIENCE REFERENCES:.....10  
 ATTACHMENT 2-B.... ORGANIZATION PROFILE .....12  
 ATTACHMENT 3-A.... METHOD PROPOSAL.....14  
 ATTACHMENT 3-B.... KEY PERSONNEL PROPOSAL.....15  
 ATTACHMENT 3-C ... PROPOSED SUBCONTRACTORS .....24  
 ATTACHMENT 3-D ... PERFORMANCE GUARANTEE.....26  
 ATTACHMENT 3-E.... ISRAEL BOYCOTT FORM .....27  
 ATTACHMENT 4..... PRICING SHEET .....28  
 ATTACHMENT 5-A.... CONFIDENTIAL INFORMATION DESIGNATION.....29  
 ATTACHMENT 5-B.... CONFORMANCE STATEMENTS .....32  
 ATTACHMENT 5-C ... INSURANCE EVIDENCE .....35  
 ATTACHMENT 5-D ... OFFER CHECKLIST.....36

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	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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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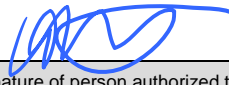
Attachment 1  
**Offer and Acceptance Form**

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

<b>Initial Offer:</b>	<b>1.</b>	<b>01.22.18</b>	<b>DPL</b>	
	date		initial	

**Struktur Studio, LLC**

Offeror company name	1525 N. Granite Reef Road, Suite 9
Address	Scottsdale, AZ 85257
City   State   ZIP	20-2117540
Federal tax identifier (EIN or SSN)	

	<b>DPL</b>
Signature of person authorized to sign Offer	Initials
David P. Luneng, P.E., President	
Printed name and title	
David Luneng, President	
Contact name and title	
davidl@strukturstudio.com	480.425.2250 (ext. 230)
Contact Email Address	Contact phone number

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

- will not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, [Arizona] State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465;
- has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer. Failure to provide a valid signature affirming the stipulations required by this clause will result in rejection of the Offer. Signing the Offer with a false statement will void the Offer, any resulting contract, and may be subject to legal penalties under law;
- complies with A.R.S. § 41-3532 when offering electronics or information technology products, services, or maintenance; and
- is not debarred from, or otherwise prohibited from participating in any contract awarded by federal, state, or local government.

**ACCEPTANCE OF OFFER:** State hereby **accepts the initial Offer**, Revised Offer, or Best and Final Offer identified by number **ADSP018-00007887** at the top of this form, and which was dated 1/22/18 (the Accepted Offer). Offeror is now bound (as Contractor) to carry out the Work under the attached Contract, of which the Accepted Offer forms a part. Contractor is cautioned not to commence any billable work or to provide any material or perform any service under the Contract until Contractor receives the applicable Order or written notice to proceed from Procurement Officer.

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


Procurement Officer signature

sean Wulfekuhle
Procurement Officer printed name

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



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**2018 Professional Services List**

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

Attachment 2-A  
**Experience and Capacity**

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

**DEFINITIONS**

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

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

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

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

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

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

**1.0 Five (5) Example Projects**

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

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



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

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

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
Intermediate Care Facility for Individuals with Intellectual Disabilities Phoenix, AZ	2017	2018	State of Arizona	\$250,000.00	\$TBD	This project encompasses the upgrade of an existing facility (2010 Guidelines for Design and Construction of Health Care Facilities), the addition of a Category 1 Piped Gas and Vacuum, oxygen tank and related equipment, and a back-up generator. The project shows our ability to a coagulate a cohesive team of specialists to the goal and needs of the State.
Mesa East Expansion Mesa, AZ	2015-2018	2018	Mesa East Property Owners Association	\$315,000.00	\$TBD	A new 1,900 SF building to be used as a games/craft room on one side and the other side is an exercise area. This project is relevant because it is for a government organization under strict budget constraints with distinct purpose.
Gilbert Ice Knights	2017	2018	Andy Mellen	\$65,000.00	\$TBD	This is a 2,000 SF conversion



**Request for Qualifications**  
 Solicitation No.  
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Arizona Department of  
 Administration  
**State Procurement Office**  
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 Phoenix, AZ 85007

Gilbert, AZ						of an unfinished area on a future second floor area that is to be developed into locker room. The key issue on this project is installing access to the mezzanine through a fire rated assembly while satisfying the budget constraints of a not-for-profit entity.
Show Low Public Safety Headquarters Show Low, AZ	2016	2017	City of Show Low	\$2.3 Million	\$2.3 Million	The project includes the conversion of an old dealership into a police and emergency facility. In this project, we had to make use of the existing structure and materials with new materials. There were many challenges such as missing or defective components that required rapid field repairs. The key feature was the integration of the addition into a vertical space. We believe this is



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 Solicitation No.  
**ADSP018-00007887**  
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**2018 Professional Services List**

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

						relevant because it shows our ability to work in a design build environment that addressed key issues without compromising the budget.
Cave Creek Parking Structure and Library Cave Creek, AZ	2016	2018	Town of Cave Creek	\$2.2 Million	\$2.2 Million	This includes a 3,132 SF library addition and renovation as well as a new 8,298 SF parking garage on the site. The key to the parking structure was recycling the existing retaining wall with the new structure. We developed a strategy and method to work on a 10 foot excavation whilst installing a precast structure. The library portion involved recycling the existing retaining walls and roof structure to create the addition, in an economic manner. We believe the relevance is workability of the solutions created by our office.

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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-A  
Experience and Capacity

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

## 2.0 EMPLOYEES BY DISCIPLINE

<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).



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

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

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
Structural Engineer	P	2	
Project Manager	S	1	
Construction Inspector	S	1	
Cadd Technician	P	2	
Architect**	S	1	
Structural Engineer**	S	2	
Other	P	1	





**Request for Qualifications**  
 Solicitation No.  
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Arizona Department of  
 Administration  
**State Procurement Office**  
 100 N 15th Ave., Suite 201  
 Phoenix, AZ 85007

**Part-time			
<b>Total</b>		10	

### 3.0 FIRMS EXPERIENCE AND REVENUE

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

### 4.0 FIRMS SERVICES

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



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

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

**5.0 EXPERIENCE REFERENCES:**

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

<b>1</b>	<b>Client Company/Address</b>	<b>Contact</b>	<b>Begin Date</b>	<b>End Date</b>
	<b>Low Mountain Construction, Inc. / 4105 N. 20<sup>th</sup> Street, #205, Phoenix, AZ 85016</b>	<b>Art Case</b>	<b>12/2015</b>	<b>06/2017</b>
	<b>Phone Number</b>	<b>Email Address</b>		
	<b>602.265.2201</b>	<b>acase@lowmountain.com</b>		
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).</p> <p><b>Show Low Public Safety Facility, 411 E. Deuce of Clubs, Show Low, AZ; Original Design Fee: \$10.8K, Final Design Fee: \$18K, Construction Cost: \$2.3M. This is a Police Center.</b></p> <p>Services performed similar to those described in Solicitation</p> <p><b>Structural Engineering Consulting</b></p>				
<b>2</b>	<b>Client Company/Address</b>	<b>Contact</b>	<b>Begin Date</b>	<b>End Date</b>
	<b>Hidell Associates Architects / 3033 Kellway Drive, #120, Carrollton, TX 75006</b>	<b>Aaron Babcock</b>	<b>06/01/16</b>	<b>01/30/18</b>
	<b>Phone Number</b>	<b>Email Address</b>		
	<b>972.416.4666</b>	<b>ababcock@hidell.com</b>		
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).</p> <p><b>Cave Creek Parking Garage &amp; Library, 38443 N. School House Road, Cave Creek, AZ; Original Design Fee: \$14.9K, Final Design Fee: \$14.9K, Construction Cost: \$1.8M. This is a Parking and Library Facility.</b></p> <p>Services performed similar to those described in Solicitation</p> <p><b>Structural Engineering Consulting</b></p>				



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

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

3	Client Company/Address	Contact	Begin Date	End Date
	<b>State of Arizona (ADOA) / 100 N. 15th Avenue, #202, Phoenix, AZ 85007</b>	<b>Mike MacDonald</b>	<b>06/30/16</b>	<b>01/18/17</b>
	Phone Number	Email Address		
	<b>602.542.6054</b>	<b>Mike.macdonald@azdoa.gov</b>		
<p>List project name, project location, original design fee, final design fee, construction costs (if applicable), and program facilities (What were the uses, facilities, or activities that were built. For example; lift station, parking lot, bridge, playground, sewerage treatment plant, storm drainage, etc.).</p> <p><b>Sharlot Hall Museum (Noggle Foundry), 415 W. Gurley Street, Prescott, AZ; Original Design Fee: \$9.3K, Final Design Fee: \$7.5K, Construction Cost: \$68K. This is a Historic Preservation project.</b></p>				
<p>Services performed similar to those described in Solicitation</p> <p><b>Structural Engineering Consulting</b></p>				

End of Attachment 2-A

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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**

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

<b>Firm Name</b>	Struktur Studio, LLC	<b>Year established</b>	2004	
<b>Principal address (street, city, state)</b>	1525 N. Granite Reef Road, Suite 9, Scottsdale, AZ 85257			
<b>Entity type:</b>	Partnership	<b>Structure:</b>	Limited Liability Company	
<b>Branch or Division:</b>	n/a	<b>Parent Company:</b>	n/a	
<b>Years the organization has conducted business in Arizona.</b>				13
Contract Representatives to Contact				
	Name	Title	Telephone Number	E-Mail Address
1.	David Luneng	President	480.425.2250 (ext. 230)	davidl@strukturstudio.com
2.	Tamara Luneng	Vice-President	480.425.2250 (ext. 221)	tammyl@strukturstudio.com
3.	x	x	x	x
Firm Professional Registration and Certifications (INCLUDE COPY OF DOCUMENT IN OFFER)				
	Description	Issuer	Number	Expiration
1.	Arizona Board of Technical Registration	State of Arizona	13641-0	04.30.18
2.	Arizona transaction privilege tax license <b>or</b> (if applicable) Arizona Corporate Commission Certificate of Good Standing	State of Arizona	n/a	n/a

**ATTACHMENT 2-B SUPPLEMENTS:**

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

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

Date: January 8, 2018  
 Page 12 of 36

	<p align="center"> <b>Request for Qualifications</b>  Solicitation No.  <b>ADSP018-00007887</b>  Description:  <b>2018 Professional Services List</b> </p>	<p align="center"> Arizona Department of  Administration  <b>State Procurement Office</b>  100 N 15th Ave., Suite 201  Phoenix, AZ 85007 </p>
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beginning title as named herein, number sequentially in accordance with the number of Organizational Profile forms submitting and upload with offer.).

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

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

**End of Attachment 2-B**



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

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

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**

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

Date: January 8, 2018  
Page 14 of 36

**4**

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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-B  
**Key Personnel Proposal**

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

<b>1</b>	<b>Name:</b>	<b>David P. Luneng, P.E.</b>	How long with company?	<b>13 years</b>
	Current position in company:	<b>President</b>	How long in position?	<b>13 years</b>
	Position for the Services:	<b>Prime Consultant / Engineer</b>	How much of time will be dedicated to the Services?	<b>30 %</b>
	What primary functions will be assigned?	<b>David will act as the project manager and prime principal for all work. He will be responsible for the full time, part-time, and consultant staff. He will review the general work for uniformity and conformity within the team environment.</b>		
	Describe person's experience in performing services like those that are to be assigned:	<b>David has over 22 years of experience in the design of new construction and the renovation of existing buildings. He has acted as project manager for small to large projects including tenant improvements to a flight training facility. David understands the need for information and free communication between the consultants.</b>		



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 Administration  
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 Phoenix, AZ 85007

List person's job-related training and education:	<p> <a href="#">Bachelors of Civil Engineer</a>  <a href="#">Masters of Structural Engineering</a>  <a href="#">Registered in Arizona, Nevada, California, New Mexico, and Idaho.</a> </p>
<b>Resume:</b>	<a href="#">Resume_David_Luneng</a>

<b>2</b>	<b>Name:</b>	<a href="#">Ray Ma, E.I.T.</a>	How long with company?	<a href="#">1.5 years</a>
	Current position in company:	<a href="#">Project Engineer</a>	How long in position?	<a href="#">1.5 years</a>
	Position for the Services:	<a href="#">Project Engineer</a>	How much of time will be dedicated to the Services?	<a href="#">20 %</a>
	What primary functions will be assigned?	<a href="#">Ray's primary functions include the analysis and design of concrete, masonry, steel, wood, and aluminum structures. He will develop calculations based on known data given from the project; this work requires him to complete the work in accordance to the building codes and the scope of work.</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Although young to the profession, Ray has quickly learned the application of materials within the restraints of the building codes. Ray's function will be to design the structural elements and assemble details.</a>		





**Request for Qualifications**  
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**ADSP018-00007887**  
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**2018 Professional Services List**

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

List person's job-related training and education:	<p> <a href="#">Bachelors of Material Science</a>  <a href="#">Masters of Civil Engineering, Structural Focus</a> </p> <p> <b>Courses:</b>  <a href="#">International Building Code 2015</a>  <a href="#">Special Inspection Under International Building Code Chapter 17</a> </p>
<b>Resume:</b>	<a href="#">Resume_Ray_Ma</a>

<b>3</b>	<b>Name:</b>	<a href="#">Bill Templeton</a>	How long with company?	<a href="#">11 years</a>
	Current position in company:	<a href="#">Part-Time Engineer</a>	How long in position?	<a href="#">11 years</a>
	Position for the Services:	<a href="#">Consultant</a>	How much of time will be dedicated to the Services?	<a href="#">10%</a>
	What primary functions will be assigned?	<a href="#">Review of key details related to water proofing and roofing, as well as general architectural engineering design.</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Bill provides a wealth of 30 years of experience in design and forensic analysis of building systems including roofing, cladding, structural, and foundations.</a>		



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 Solicitation No.  
**ADSP018-00007887**  
 Description:  
**2018 Professional Services List**

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

List person's job-related training and education:	Bachelor of Science of Architectural Engineering
<b>Resume:</b>	<a href="#">Resume_Bill_Templeton</a>

<b>4</b>	<b>Name:</b>	<a href="#">Milton Wilson</a>	How long with company?	<a href="#">1 year</a>
	Current position in company:	<a href="#">Senior Drafter</a>	How long in position?	<a href="#">1 year</a>
	Position for the Services:	<a href="#">Drafting</a>	How much of time will be dedicated to the Services?	<a href="#">30%</a>
	What primary functions will be assigned?	<a href="#">Assembly and AutoCAD drafting of work</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Milton's experience is from a 47 year career spanning from oil processing, commercial, to residential projects. He is able to understand a myriad of different building systems through decades of different construction techniques.</a>		



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

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

List person's job-related training and education:	<p><a href="#">GLENDALE COMMUNITY COLLEGE</a>  <a href="#">MSHA</a>  <a href="#">SAFETY CERTIFICATION</a>  <a href="#">SOUTHERN ALBERTA INSTITUTE OF ALBERTA</a>  <a href="#">Certificate</a>  <a href="#">UNIVERSITY OF TECHNOLOGY JAMAICA</a>  <a href="#">Associates Degree</a></p>
<b>Resume:</b>	<a href="#">Resume_Milton_Wilson</a>

<b>5</b>	<b>Name:</b>	<a href="#">Karl Sippel</a>	How long with company?	<a href="#">3 years</a>
	Current position in company:	<a href="#">Architect in Training; Part-Time</a>	How long in position?	<a href="#">3 years</a>
	Position for the Services:	<a href="#">Architect</a>	How much of time will be dedicated to the Services?	<a href="#">30%</a>
	What primary functions will be assigned?	<a href="#">Building Code analysis of systems and the assembly of documentation. He will take the lead or assist in as-building of existing facilities.</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Karl has rapidly gained experience and success from the several tenant improvements, remodels, and additions that we have developed in the last three years. He has developed strategies in overcoming fireproofing Code conflicts and satisfying site parameters.</a>		



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

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

List person's job-related training and education:	<p>Master of Architecture, Rhode Island School of Design, June 2013  <a href="#">Bachelor of Interdisciplinary Design (with honors), Arizona State University, June 2010</a></p>
<b>Resume:</b>	<a href="#">Resume_Karl_Sippel</a>

<b>6</b>	<b>Name:</b>	<a href="#">Jeff Wilson, P.E.</a>	How long with company?	<a href="#">14 years</a>
	Current position in company:	<a href="#">Sub-Consultant</a>	How long in position?	<a href="#">14 years</a>
	Position for the Services:	<a href="#">Electrical Engineer</a>	How much of time will be dedicated to the Services?	<a href="#">20%</a>
	What primary functions will be assigned?	<a href="#">The evaluation and design of electrical systems.</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Commercial, industrial, military, and residential electrical design spanning over 27 years. This includes international work.</a>		



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

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

List person's job-related training and education:	<p>Bachelor of Science in Electrical Engineering (1990)          Purdue University – Hammond, Indiana          Associate of Science in Electrical Engineering Technology (1984)          DeVry Institute of Technology – Chicago, Illinois          Business Administration (1979)          Community College of the Air Force – Cheyenne, Wyoming</p>
<b>Resume:</b>	<a href="#">Resume_Wilson_Engineering</a>

<b>7</b>	<b>Name:</b>	<a href="#">Gabe Millican</a>	How long with company?	<a href="#">1 year</a>
	Current position in company:	<a href="#">Sub-Consultant</a>	How long in position?	<a href="#">1 year</a>
	Position for the Services:	<a href="#">Plumbing and Mechanical Engineer</a>	How much of time will be dedicated to the Services?	<a href="#">20%</a>
	What primary functions will be assigned?	<a href="#">Mechanical and Plumbing design and evaluation.</a>		
	Describe person's experience in performing services like those that are to be assigned:	<a href="#">Gabe is experienced in the design of heating, ventilation, and air conditioning systems as well as plumbing waste and supply.</a>		



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

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

List person's job-related  
training and education:

Bachelor of Science in Mechanical Engineering  
Registered Professional Engineer (Mechanical): AZ, CA, CO, HI, NM, NV, TN, TX,  
UT, WA  
LEED Accredited Professional Building Design + Construction (LEED AP BD+C)  
[ASHRAE Certified – Healthcare Facilities design Professional \(HFDP\)](#)

**Resume:**

[Resume\\_Millican\\_Engineering](#)

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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-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.	None	x	x	

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

**End of Attachment 3-B**



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

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

Attachment 3-C  
**Proposed Subcontractors**

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

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

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

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

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

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

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

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

Date: January 8, 2018  
 Page 24 of 36





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

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

**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.	None	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**

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

Date: January 8, 2018  
 Page 25 of 36



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

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

Attachment 3-D  
**Performance Guarantee**

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

**End of Attachment 3-D**

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

Date: January 8, 2018  
Page 26 of 36

4

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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.

Struktur Studio, LLC <hr/> <div style="text-align: center;">Company Name</div> 1525 N. Granite Reef Road, Suite 9 <hr/> <div style="text-align: center;">Address</div> Scottsdale                      AZ                      85257 <hr/> <div style="display: flex; justify-content: space-between;"> <span>City</span> <span>State</span> <span>Zip</span> </div>	<div style="text-align: center;">   <b>Signature of Person Authorized to Sign</b> </div> <hr/> <div style="text-align: center;">David P. Luneng</div> <hr/> <div style="text-align: center;">Printed Name</div> <hr/> <div style="text-align: center;">President</div> <hr/> <div style="text-align: center;">Title</div>
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**End of Attachment 3-E**

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

Date: January 8, 2018  
Page 27 of 36



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

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

Attachment 4  
**Pricing Sheet**

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**RESERVED FOR AWARDED DESIGN PROFESSIONAL SERVICE ORDER CONTRACT**

**End of Attachment 4**

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

Date: January 8, 2018  
Page 28 of 36

**4**

	<p align="center"><b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 Professional Services List</b></p>	<p align="right">Arizona Department of Administration <b>State Procurement Office</b> 100 N 15th Ave., Suite 201 Phoenix, AZ 85007</p>
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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"/>	<p>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.</p>
<input type="checkbox"/>	<p>This response DOES contain trade secret information because it contains information that:</p> <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.

**Struktur Studio, LLC**

Offeror Company Name
1525 N. Granite Reef Rd.,# 9, Scottsdale, AZ 85257
Address

 Signature of Authorized Person
David P. Luneng
Printed Name

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

Date: January 8, 2018  
Page 29 of 36

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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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Scottsdale	AZ	85257	President
City	State	Zip	Title

**ATTACHMENT 5-A SUPPLEMENTS:**  
 (Offeror to insert as required and list here or type "None" on first line. Offeror shall title any Supplement(s) with the same title as named herein and upload with offer.)

	Title	Document Date	No. of pages	Purpose in Offer
1.	None	x	x	x

**End of Attachment 5-A**

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

PROVIDED FOR REFERENCE ONLY

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

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	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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  
**Conformance Statements**

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

---

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

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

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

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

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

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

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

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

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

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

Date: January 8, 2018  
Page 32 of 36



	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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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NO – Offeror acknowledges that it has read and understands the [Requirements Document and the Compensation Document](#), in Part 3 of the Solicitation Documents and attests that its Offer complies with both EXCEPT FOR the exceptions listed in **Attachment 5-B Supplement 3**.

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

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 1-A: Solicitation Summary</b>		
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>
<b>Section 1-B: Instructions to Offerors</b>		
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>

**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>		
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>
<b>x</b>	<b>x</b>	<b>x</b>

	<b>Request for Qualifications</b> Solicitation No. <b>ADSP018-00007887</b> Description: <b>2018 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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Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 2-B: Uniform Terms &amp; Conditions</b>		
<b>X</b>	x	x
<b>X</b>	x	x
<b>X</b>	x	x

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

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
<b>Section 2-A Scope of Work (Requirements Document)</b>		
<b>x</b>	x	x
<b>x</b>	x	x
<b>x</b>	x	x
<b>Section 2-B: Compensation Document</b>		
<b>x</b>	x	x
<b>x</b>	x	x
<b>x</b>	x	x

Struktur Studio, LLC

Company Name	 Signature of Person Authorized to Sign
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**End of Attachment 5-B**

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

Date: January 8, 2018  
 Page 34 of 36



**Request for Qualifications**

Solicitation No.

**ADSP018-00007887**

Description:

**2018 Professional Services List**

Arizona Department of  
Administration

**State Procurement Office**

100 N 15th Ave., Suite 201  
Phoenix, AZ 85007

Attachment 5-C  
**Insurance Evidence**

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

**End of Attachment 5-C**



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

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

**Attachment 5-D  
Offer Checklist**

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

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

**End of Attachment 5-D**

**End of Part 4**

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

Date: January 8, 2018  
Page 36 of 36

**WILLIAM T. TEMPLETON, B.S., P.E.**  
**SENIOR CONSULTANT**

Mr. Templeton is a 1990 graduate of the University of Texas at Austin with a Bachelor of Science degree in Architectural Engineering. Mr. Templeton is a registered Professional Engineer with experience in structural engineering analysis, design, failure analysis, and construction services. Mr. Templeton's construction industry experience includes structural engineering with emphasis on analysis and design of low- and mid-rise institutional, commercial, and residential buildings.

Mr. Templeton's areas of expertise include the analysis and design of cast-in-place reinforced concrete structures, steel building systems, composite building systems, and wood-framed structures. He has performed design work; prepared construction documents for new facilities, as well as additions to existing buildings; performed structural integrity investigations; and determined remedial repairs for existing structures. In addition, Mr. Templeton has performed analysis of failures in structural engineering disciplines and insurance claims relating to property losses. His most recent work includes inspection and analysis of failures in civil/structural engineering related to industrial, commercial, and residential buildings. Assignments have included construction defect litigation, foundation and superstructure failures, storm damage, and deficiencies related to building code compliance for single-family and multi-family residences and commercial buildings.

**Education**                    B.S. – Architectural Engineering – University of Texas at Austin, 1990

**Professional  
 Registration**

Colorado – P.E.  
 Florida – P.E.  
 Mississippi (limited) – P.E.  
 Nebraska – P.E.  
 Ohio – P.E.  
 Texas – P.E.  
 Wyoming – P.E.

**Employment**

<b>History</b>	2007 – Present	Struktur Studio, LLC (sub-consultant)
	2001 – Present	Rimkus Consulting Group, Inc.
	1999 – 2001	Terracon
	1995 – 1999	Rimkus Consulting Group, Inc.
	1993 – 1995	The Simpson Group
	1990 – 1993	Maverick Engineering



## **DETAILED PROFESSIONAL EXPERIENCE:**

### **RIMKUS CONSULTING GROUP, INC.**

**2001 – PRESENT**

#### Senior Consultant

Provides structural engineering consulting services to insurance carriers, law firms, and corporations. Analyze failures of single-family and multi-family residential, commercial, institutional, and industrial buildings. Investigate foundation and structural-related failures and deficiencies, including recommendations for remedial repairs.

### **TERRACON**

**1999 - 2001**

#### Structural Engineering Dept. Manager

Supervised responsible engineers and technicians as well as designed and supervised production of construction documents for single-family and multi-family residential and low-rise commercial buildings. Responsibilities included analysis, design, preparation of construction documents and specifications, and construction administration.

### **RIMKUS CONSULTING GROUP, INC.**

**1995 – 1999**

#### Associate Consultant/Branch Manager

Supervised responsible engineers and technicians as well as provided structural engineering consulting services to insurance carriers, law firms, and corporations. Analyze failures of single-family and multi-family residential, commercial, institutional, and industrial buildings. Investigate foundation and structural-related failures and deficiencies, including recommendations for remedial repairs.

### **THE SIMPSON GROUP**

**1993 - 1995**

#### Graduate Engineer

Designed and supervised production of construction documents for multi-family residential and low-rise commercial buildings. Responsibilities included analysis, design, preparation of specifications, and construction administration.

Also provided structural engineering consulting services to insurance carriers, law firms, and corporations. Services included the failure analysis of single-family and multi-family residential, commercial, institutional, and industrial buildings. Services also included the investigation of foundation and structural-related failures and deficiencies, including recommendations for remedial repairs.

### **MAVERICK ENGINEERING**

**1990 - 1993**

#### Graduate Engineer

Designed and supervised production of construction documents for multi-family residential and low-rise commercial buildings. Responsibilities included analysis, design, preparation of specifications, and construction administration.



**DAVID P. LUNENG, P.E., LEED AP**  
**PRINCIPAL ENGINEER / STRUCTURAL ENGINEER**

As Principal of Struktur Studio, David provides the necessary leadership from structural concept to the complete design including construction administration to project completion. David has extensive experience in the design of concrete, masonry, steel, and timber structures for various public and private projects throughout the Southwestern United States. He knows the absolute necessity of Struktur Studio's role in working in a team atmosphere in coordinating with adjacent disciplines, to provide a service and product that is rewarding and pleasing to the client.

David's unique experience in construction and agriculture provides a practical background to apply to the art of structural engineering. David has placed rebar, poured concrete, framed, sheathed, shingled, dry walled and installed finishes. This pragmatic application grows insight and imagination to enhance the ultimate vision of the architect. This background has attributed to David's hands-on approach and ability to design functional and efficient structures while complimenting the architectural team.

**Education**            Bachelor of Science in Civil Engineering  
                                 Master of Structural Engineering  
                                 Building Green/Sustainability, LEED AP

**Professional  
Registration**        Arizona (#35222) - Structural  
                                 California - Civil  
                                 Idaho - Civil  
                                 New Mexico - Civil and Structural  
                                 Nevada – Civil

**Project  
Experience**            Show Low Public Safety Facility: Show Low, Arizona  
                                 Cave Creek Parking Garage and Library: Cave Creek, Arizona  
                                 Sharlot Hall Museum / Prescott Foundry Building: Prescott, Arizona  
                                 Scottsdale Fire Station #1: Scottsdale, Arizona  
                                 Casa Grande Public Safety Facility: Casa Grande, Arizona  
                                 Sedona Fire District Chapel Fire Station: Sedona, Arizona  
                                 Arizona Juvenile Corrections Chapel: Phoenix, Arizona

**Professional  
Affiliations**        American Concrete Institute  
                                 American Institute of Steel Construction  
                                 American Wood Council  
                                 Post-Tensioning Institute  
                                 U.S. Green Building Council

## **KARL SIPPEL, A.I.T.**

### **PROJECT ARCHITECT**

Mr. Sippel is the best employee I've ever had. He obtained his Master of Architecture degree in 2013 from the Rhode Island School of Design. Karl has worked in a variety of offices in several countries including: an architectural firm in Zurich, Switzerland, an architectural, planning, and conservation firm in Virgin, Utah, an architectural firm in Mesa, Arizona, as well as doing architectural contract work remotely from Qingdao, China. He produced iterative design work to meet the varied needs of our clients as well as detailed drawings using AutoCAD, and Revit in order to obtain building permits and to effectively communicate the requirements of the project to the project team. He is currently one test away from being a fully licensed architect.

Karl joined Struktur Studio in September 2015 in the position of Project Architect, and continues to develop his skills and knowledge in preparation for licensure. Karl has worked on various projects including commercial, industrial, residential, tenant improvements and restorations. He works on the design of varied structures and coordinates the work of the project team. Karl believes that thoughtful design and attention to detail is the key to meeting and exceeding the goals of the project.

**Education**                    Master of Architecture, Rhode Island School of Design, June 2013  
Bachelor of Interdisciplinary Design (with honors), Arizona State University, June 2010

#### **Project**

**Experience**                    Gilbert Knights Locker Room: Gilbert, Arizona  
Pinnacle Grille: Scottsdale, Arizona  
Dief Residence: Cave Creek, Arizona  
Imtz Residence: Litchfield Park, Arizona  
Mesa East Gym and Multipurpose space: Mesa, Arizona  
Glendale Powder Coating: Glendale, Arizona  
Zuri Shule Mode (Zurich Fashion School): Zurich, Switzerland  
Welti Haus: Ilheus, Brazil



## **GABRIEL E. MILLICAN, PE**

### **LEED AP BD+C, ASHRAE Healthcare Facilities Design Professional (HFDP)**

30001 W. Yuma Rd. • Buckeye, AZ 85326 • (602) 531.8843 • Gabriel@MillicanEngineering.com

#### **REGISTRATION**

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- Registered Professional Engineer (Mechanical): AZ, CA, CO, HI, NM, NV, TN, TX, UT, WA
- LEED Accredited Professional Building Design + Construction (LEED AP BD+C)
- ASHRAE Certified – Healthcare Facilities design Professional (HFDP)

#### **AWARDS**

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- 2017 Consulting-Specifying Engineer Magazine “40 under 40”.
- 2016 ASHRAE Central Arizona Technology Award Winner, Multi-family. “The Oscar” a 12 unit multi-family complex constructed of reused shipping containers. Located in downtown Phoenix.
- 2013 ASHRAE “New Face in Engineering” Top 5 national finalist for engineers under 30.
- 2013 Volunteer of the Year – SmithGroupJJR.

#### **PROFESSIONAL AFFILIATIONS**

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- Maricopa County Building Code Advisory Board (BCAB): Chairman
- United Dairymen of Arizona, Young Cooperators: Past Chairman
- ASHRAE, Phoenix Chapter: Membership Promotion Chair, 2012-2014
- Member American Society of Plumbing Engineers (ASPE)

#### **EXPERIENCE**

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##### **Millican Engineering, LLC – Buckeye, AZ 2017-Present** **President**

- Growing a client focused engineering firm with the motto: Solutions, Execution, and Contribution.
- Notable project: Saint Vincent De Paul Community Outreach Center with the goal: Feed, Clothe, House, Heel. A 40,000 SQFT community dorm and learning center.

##### **M&P Engineering – Gilbert, AZ 2015-2016** **Vice President of Engineering**

- Principle engineer overseeing all technical aspects of the company with emphasis on team leadership and engineering expertise.
- Creation of company engineering design manuals, drafting templates, and operation protocols.
- Project growth of 40%. 20% reduction in design/drafting hours over previous 2 years.
- Managed team growth with creation and staffing of drafting department.
- Notable Project: JX Nippon Mining and Metals – Chandler 50,000 SQFT Design of 1,035 ton air cooled chilled water plant serving desiccant dehumidification system. System produces 30°F glycol mixture and maintains manufacturing conditions of 68±2°F with maximum 15% relative humidity.
- Notable Project: United Dairymen of Arizona – DHIA lab. New laboratory at the UDA site to provide onsite testing for all incoming milk products. Milk tested for antibiotics, pesticides, fungi, and somatic cell count.

##### **SMITHGROUPJJR – Phoenix, AZ** **Associate Mechanical Engineer**

**2011-2014**

- Project engineering and project manager for large scale HVAC and plumbing systems. Managed project teams of mechanical, plumbing, and electrical engineers to maintain project schedule and

quality. All construction document work compiled in RevitMEP to provide 3D coordinated plans and BIM models.

- Notable Project: General Motors – IT Innovation Center, Chandler 150,000 SQFT  
Design of packaged central plant composed of (2) 550 ton Smardt water chillers serving highly efficient VAV system and auxiliary VRF/VRV systems.
- Notable Project: Department of Veteran Affairs, Behavioral Health – Prescott AZ, 16,000 SQFT medical building served with geothermal bore field coupled with water-source Variable Refrigerant Flow (VRF/VRV). Energy provided by on-site solar field.

**LIST ENGINEERING COMPANY, Monterey/San Francisco, CA**

**Mechanical Engineer**

**2008-2011**

- Provided engineering project management, marketing, proposal writing, conceptual phase engineering, basis of designs, and inter-office project captain.
- Engineered wet and dry side HVAC systems for schools under DSA authority, hospitals under OSHPD authority, commercial and historical buildings. Performed all aspects of project from schematic design to construction administration.

**VARIAN MEDICAL SYSTEMS – ONCOLOGY SYSTEMS, Palo Alto, CA**

**Manufacturing Engineer | Test and Process Engineering**

**2005-2008**

- Supervise machine shop, clean room, and furnace areas on quality control and process improvement. Wrote Engineering Change Orders to incorporate engineering updates.
- Developed company procedures on Process Verification and Validation for manufacturing processes. Perform Process V&V in accordance with FDA regulations.

**EDUCATION**

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**CALIFORNIA POLYTECHNIC STATE UNIVERSITY, San Luis Obispo, CA** **2001-2006**

- Bachelor of Science in Mechanical Engineering, Spring 2006
- Kappa Sigma Fraternity - President

**ADDITIONAL**

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- Proficient in AutoCAD, Revit MEP, Trane Trace 700, EnergyPro, Microsoft Office
- Partner - Stotz Dairy & Stotz Farms, Buckeye, AZ. Family owned dairy caring for 19,000 head of Holstein cattle producing superior quality milk. Member of the United Dairymen of Arizona Co-op

**PUBLICATIONS**

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- Successful Installation of Anaerobic Methane Digester in an Arizona Dairy (November 2014) – ASHRAE Central Arizona Chapter Newsletter
- Getting the most out of your hydronic PIC valves during start-up (December 2016) – ASHRAE Central Arizona Newsletter

**Milton Wilson**  
**Senior Drafter**

Mr. Wilson has over 45 years of quality and diverse experience in the drafting of commercial, residential, and industrial projects. He is experienced in manual drafting, AutoCAD, and REVIT.

**Education**            GLENDALE COMMUNITY COLLEGE  
                                 SOUTHERN ALBERTA INSTITUTE OF ALBERTA  
                                 Certificate  
                                 UNIVERSITY OF TECHNOLOGY JAMAICA  
                                 Associates Degree

**Project**

**Experience**            Imtz Residence: Litchfield Park, Arizona  
                                 Desert Foothills Library Parking Structure: Cave Creek, Arizona  
                                 Safeway (New Store), Vale, AZ

**Technical  
Courses**

MSHA SAFETY CERTIFICATION

## **RAY MA, E.I.T.**

### **PROJECT ENGINEER**

Mr. Ray Ma obtained his Bachelor's of Material Science degree in 2013 in China. During the summers, Ray worked in various offices that ranged from a construction company to a real estate company to architecture related offices. He produced detailed drawings using AutoCAD, provided modelling of various building components, produced calculations and did site inspections including daily site reports. Ray came to the United States to continue his engineering experience and graduated in 2016 with a degree in Master's of Civil Engineering.

Ray joined Struktur Studio in September 2016 in the position of Project Engineer. Along with his education, he brings his enthusiasm as he continues to fine tune his skills he has learned in engineering. Ray has worked on various projects including commercial, residential, tenant improvements and restorations. He works on the design of concrete, masonry, steel and wood building structures. He also provides special structural inspections on the work that he has designed. Ray believes that the success of each project comes not only from careful attention to detail, but that the coordinated effort of the entire team creates a well-constructed product.

**Education**                    Masters of Civil Engineering (Structural Focus), Syracuse University, May 2016  
Bachelor's of Material Science, Southeast University, Nanjing, JiangSu, China, 2013

#### **Project**

**Experience**                    Marketplace at the City: Surprise, Arizona  
Encore Steel Building Expansion: Phoenix, Arizona  
Wallace Residence Addition: Phoenix, Arizona  
Pinnacle Grille: Scottsdale, Arizona  
Lydian Dental: Austin, Texas  
Imtz Residence: Litchfield Park, Arizona  
Desert Foothills Library Parking Structure: Cave Creek, Arizona  
Northstar Aerospace: Phoenix, Arizona  
Hyatt Centric: Mountain View, California  
NextCare Renovation: Scottsdale, Arizona  
Crossfit Blade: Phoenix, Arizona  
Wilson Residence Remodel: Paradise Valley, Arizona  
Starbucks: Escondido, California

#### **Technical**

**Courses**                        International Building Code 2015: January 2017  
Special Inspections Under International Building Code Chapter 17: November 2016



## Jeffrey A. Wilson, E.E., P.E.

P.O. Box 11288  
Glendale, AZ. 85318

Ph: (602) 686-1811  
Email: jeffwilsonmpe@hotmail.com

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### Principle Electrical Engineer & Project Manager

Extensive experience in electrical design & construction management for large commercial, industrial, military, institutional, hospitality and healthcare projects. Direct and manage day to day operations of staff engineers in providing competent and efficient decisions related to engineering design, specifications, field coordination, problem-resolutions, etc....Manage quality control teams in overseeing electrical inspections & installations, meeting ANSI, NEC, IEC, IEEE, NFPA codes & guidelines. Review tender & shop drawings, submittals, calculations, and provide technical recommendations to engineers, contractors, construction managers, and clients. Confer and expedite addenda's & change orders. Coordinate electrical design & construction work with civil, mechanical, plumbing, structural & architectural disciplines. Work with vendors, technical consultants and end-users in achieving project objectives within time & budgetary constraints.

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#### Selected strengths:

- Develop solid working relationships with engineers, consultants, managers, vendors, & clients.
- Review field observation reports and propose quality control & code compliance efforts.
- Direct & support engineering team for change orders or design modifications and submit addenda's as required.
- Review submittals, RFQ's, shop drawings, and purchase orders for contractual & technical rectitude.
- Provide quality assurance of electrical and control detail engineering and design project deliverables.
- Prepare project budgets and schedules in coordination with the multi-discipline groups.
- Review design drawings & calculations for all aspects of power distribution systems.
- Provide ongoing coordination of electrical, mechanical, plumbing, structural, architectural, and civil works.
- Proficiency in latest versions of AutoCad, MS Office suite, MS Project, SKM, ETAP, EasyPower.

#### Additional tasks:

- Short-circuit: fault analysis, bracing, protection.
- Arc flash: calculations and studies.
- Power factor: Calculations, analysis, and correction, capacitor banks.
- System protection: fuse, breaker, relay selection & coordination.
- Harmonic distortion: analysis, mitigation and filter applications.
- SCADA-DCS: PLC interface & communications.
- Low-voltage: Fire alarm systems, CCTV, security.
- Control: P&IDs, instrumentation, selection and applications.
- System load flow: Steady state, switching logic, transients.
- Emergency Power: Gen-sets, paralleling, UPS systems integration.
- Application & coordination of VFDs, MCCs, and rotating machines.

## **Major Projects**

Loma Linda Medical Campus – Loma Linda, California  
King Saud University – Riyadh, Saudi Arabia  
Phoenix Childrens Hospital – Phoenix, Arizona  
Durango Juvenile Detention & Courts – Phoenix, Arizona  
Prince Abdul Aziz Airbase – Dhahran, Saudi Arabia  
Grasberg Block Cave Mine – Papua, Indonesia  
Gila River Casino, Vee Quiva – Laveen, Arizona  
Mesa Southwest Museum – Mesa, Arizona  
Anderson Air Force Base – Guam, US Territory  
O'Hare International Airport – Chicago, Illinois  
U.S. Steel Corp – Gary, Indiana  
Lockheed Corp – Tempe, Arizona  
M & I Banks – Phoenix, Arizona  
Del Webb Memorial Hospital – Sun City, Arizona  
Aqua Fria Union High School – Avondale, Arizona  
Bethlehem Steel Corp – Portage, Indiana  
Brake masters – Valleywide  
Ford Motor Corp, Stamping Plant – Chicago Heights, Illinois  
Family Dollar Store – Nationwide  
Indiana State University – Gary, Indiana  
Classic Residence HealthCare – Scottsdale, Arizona  
Marriot Hotel – Chicago, Illinois  
Uhaul Corp – Tempe, Arizona

## **Education**

Bachelor of Science in Electrical Engineering (1990)  
*Purdue University – Hammond, Indiana*

Associate of Science in Electrical Engineering Technology (1984)  
*DeVry Institute of Technology – Chicago, Illinois*

Business Administration (1979)  
*Community College of the Air Force – Cheyenne, Wyoming*

## **Memberships & Associations**

NCEES – National Council of Engineers  
*National registrant & advanced licensure # 42619*

AZBTR – Arizona Board of Technical Registration  
*Arizona registered professional engineer # 41996*

IEEE– Institute for Electrical & Electronic Engineers  
*Charter member # 40231559*

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

FIRMS NAME (INSERT NAME):

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

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

**SAM Search Results**  
**List of records matching your search for :**

**Search Term : struktur\* studio\***  
**Record Status: Active**

**No Search Results**





## Arizona State Board of Technical Registration

### Firm Search Results

Name	City	State	Services/Discipline	Business Type	Registration Status
<a href="#">Struktur Studio, LLC</a>	Scottsdale	AZ	Structural	Firm Registration	Active
1					

Display Result:



Arizona State Board of Technical Registration

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

**STATE OF ARIZONA  
BOARD OF TECHNICAL REGISTRATION**

**■ FIRM REGISTRATION ■**

**FIRM NAME**  
Struktur Studio, LLC

**FIRM REGISTRATION NO.:** 13641-0

**FIRM ADDRESS**  
1525 N Granite Reef Road  
Suite 9  
Scottsdale, Arizona 85257

**EXPIRES:** 4/30/2018

**SERVICES OFFERED**  
Engineer/Structural

  
MELISSA CORNELIUS  
EXECUTIVE DIRECTOR  
FOR THE BOARD

