

# Solicitation No. ADSPO18-00007887

# Description: 2018 Professional Services List

Arizona Department of Administration

#### **State Procurement Office**

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

### Offer Forms

(Attachments)

Date: January 8, 2018

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### Attachment 1

### Offer and Acceptance Form

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

Initial	1.	1/22/18	SP				
Offer:	da	ate	initial				
Tetra Tech,	Inc.			Scout	Parsons		SP
Offeror company	name	9		Signature of p	person authorized to sign (	Offer	Initials
3822 E. Unive	ersity	Drive, Suite 3		Scott Parso	ns, Principal Engino	eer	
Address			Printed name	and title			
Phoenix, Arizo	ona 8	35034		Scott Parso	ns, Principal Engin	eer	
City   State   ZIP				Contact name	e and title		
95-4148514				Scott.parso	ns@tetratech.com	949-521-1439	
Federal tax ident	tifier (E	EIN or SSN)		Contact Ema	il Address	Contact phone number	
<b>CERTIFICATION:</b> By signature in the above, Offeror certifies that it:							
		te against any employee 2009-9 or A.R.S. §§ 41-1			violation of Federal Exec	utive Order 11246, [Arizo	na] State
special disconaffirming the	ount, t stipu	trip, favor, or service to a	public serva	int in connection wit sult in rejection of th	h the submitted offer. Fa e Offer. Signing the Offe	uture employment, gift, lo illure to provide a valid siç r with a false statement w	nature
3. complies wit	h A.R	.S. § 41-3532 when offe	ring electron	ics or information te	chnology products, servi	ces, or maintenance; and	I
4. is not debar	red fro	om, or otherwise prohibit	ed from part	cipating in any conti	ract awarded by federal,	state, or local governmen	nt.
ACCEPTANCE OF OFFER: State hereby accepts the initial Offer, Revised Offer, or Best and Final Offer identified by number ADSPO18-00007887 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. i	s: ADSPO18-00007887	The effe	ctive date of the C	contract: 1/30/18-1/30/19	9 Contract awarded: 1/3	0/2019
Sean Wulfekuhle Sean Wulfekuhle							
Procurement C	Officer	signature		P	rocurement Officer printed	name	

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

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### Attachment 2-A **Experience and Capacity**

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

#### **DEFINITIONS**

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

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

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

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

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

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

#### Five (5) Example Projects 1.0

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).

- Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the a. contract.
- 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).
- Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual. c.
- Provide the original budget or not to exceed dollar amount for the project. d.
- Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage compete and whether this project will be on budget, over or under budget.
- Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss f. 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
Farm Well #2	2016	2017	City of Phoenix	\$1.2M	\$1.2M	3,600 GPM Groundwater Production Well. SR85 Landfill, Buckeye, Arizona. Permitted and assisted with the design of a 3,600 GPM groundwater production well. The well casing was 20.625 inch diameter consisting of a combination of stainless steel and high strength low alloy installed in a 30 inch diameter boring. The boring depth was 1,005 feet and casing was installed to 996 feet. This project also included a new electrical service.
Former Ted's Truck Stop, ADEQ, Quartzsite, Arizona	2013 – present	n/a	Arizona Department of Environmental Quality (ADEQ)	\$449,195.84	On-going Service Servi	Tetra Tech was retained to complete corrective actions at this former fuel station where multiple releases had occurred. Corrective actions included drilling and sampling three confirmation soil borings; installing five off-site groundwater monitoring wells; installing eight ozone-sparge wells; constructing a remedial equipment compound; installing underground piping; connecting the new ozone-sparge wells to a trailer mounted ozone generator; arranging for new electric service and connecting the ozone generator to the new service panel; and providing operation and maintenance of the ozone system. Services included abandoning 43 existing remediation and groundwater monitoring wells. The new wells and remedial system were completed and made operational, the existing wells were abandoned, and one round of groundwater monitoring was completed in less than two months. Services included operating and maintaining the ozone injection system to address on-site

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						groundwater contamination, and injecting chemical oxidants into selected monitoring wells to address off-site groundwater contamination.  Additional services provided on this site included decommissioning and salvaging of an unused remedial system that included a soil vapor extraction (SVE) system; an ozone injection system; a groundwater pump and treat (WTP) system; and other ancillary components such as instrumentation; plumbing, electrical and control systems; air compressor; soil/water separator; tanks; granular activated carbon; drums; and waste debris. Salvageable items were segregated and transported to a surplus property yard.  Current services include conducting a third round of ISCO injections and periodic groundwater monitoring to evaluation contamination in groundwater.
C.C. Cragin Treated Water Line Project	On-going State of the state of	n/a	Town of Payson	\$2,216,473	\$2,213,208	In 2009, the Town of Payson requested Tetra Tech to assist in acquisition of Stimulus Funding for research and development of the C.C. Cragin Treated Water distribution and recharge project. The new C.C. Cragin water supply would deliver 3,000 acre-feet of water during 9-months of the year, and excess supply could be used for aquifer recharge. Time for acquisition of the funding was limited, and with Tetra Tech's depth of resources and past reliability with the Town on projects, the Town contracted Tetra Tech as the agent investigating how this new water resource would work with the existing wells and distribution system. At that time, and currently, Payson's water supply is 42 active wells within the Town boundary, 12 welded steel tanks, 10 booster stations, and 25 pressure zones.

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						Tetra Tech was authorized to hire consultants and prepare bid documents in accordance with WIFA and Federal Guidelines to investigate the recharge capacity of certain wells, developing them if necessary, providing reports of the effort along with other separate bids to develop additional wells, and drill wells. That responsibility included analysis of the chemistry involved in such recharge operations, and the monitoring of other wells during the recharge testing. Those operations were conducted without affecting the Town's ability to serve residents.
Buckeye Flood Retarding Structure Rehabilitation Project	On-going	On-going	Flood Control District of Maricopa County	\$2,000,000	\$4,600,000 (increase based on approved change orders)	Tetra Tech is currently under contract with the Flood Control District of Maricopa County to provide design and construction services for Buckeye FRS No. 1, a 7-mile long NRCS assisted dam that provides flood protection for the Town of Buckeye and surrounding agricultural area.
ASRAC Contract, Multiple Sites in Arizona	2000-on-going	n/a	Arizona Department of Environmental Quality (ADEQ)	\$8,100,000	\$8,100,000	Water Quality Assurance Revolving Fund (WQARF) Sites; Early Response Actions (ERAs), Remedial Investigations (RIs), Feasibility Studies (FSs), Preliminary Remedial Action Plans (PRAPs), Records of Decision (RODs), Remedy Design and Implementation, and Community Involvement Services, Arizona. Since 2000, Tetra Tech has been the prime contractor on the ASRAC contract for the Arizona Department of Environmental Quality (ADEQ) WQARF (i.e., State Superfund) Program. Major individual sites under contract include the 7 <sup>th</sup> Street and Missouri WQARF Site in Phoenix, Highway 260 and Johnson Lane WQARF Site in Pinetop Lakeside, 20 <sup>th</sup> and Factor WQARF Site in Yuma, AZ; Park-Euclid WQARF Site in Tucson, AZ; Western Avenue WQARF Site in Goodyear, AZ; Payson PCE WQARF Site in Payson, AZ; and the Tonto and

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Cherry WQARF Site in Payson, AZ. Tetra Tech drilled, logged, and sampled numerous soil borings, and drilled, logged, installed, and sampled numerous groundwater and soil vapor monitoring wells. The projects also involved conceptual site hydrogeologic model generation and evaluation in the context of typical Arizona multi-aquifer systems; developing evaluating subsurface lithology utilizing geologic crosssections and fence diagrams; hydrogeologic flow and fate-andtransport modeling; assessment of site groundwater quality data in terms of tri-linear diagrams of geochemistry; and interpretation of Arizona Department of Water Resources (ADWR) groundwater maps and databases. Tetra Tech developed extensive Accesscompatible databases of site information (geological, contaminant chemistry, etc.), which are integrated in a GIS database for each site. Tetra Tech planned and implemented a total of 4 early response actions (ERAs) to eliminate source areas, reduce risk by removing pathways and installing caps, prepared RI reports for four sites, prepared FS reports for three sites; prepared PRAPs and RODs for two sites, and designed/built/maintained ERA and remedial systems. Remedial investigation activities and groundwater monitoring are currently underway at one site. Tetra Tech also supported the ADEQ at site-specific Community Action Board meetings by preparing fact sheets, newsletters, and public notices. Tetra Tech also assisted ADEQ as a consultant providing oversight on other projects. Tetra Tech is currently providing remedial investigation services on the 7th Street and Missouri WQARF Site in Phoenix and the

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			Highway 260 and Johnson Lane WQARF Site in Pinetop Lakeside.
			During 2016, Tetra Tech provided Preliminary Investigation services for the 40 <sup>th</sup> Street and Raymond
			Street study area and the former Marathon Steel facility in Tempe, Arizona.

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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.

#### 2.0 EMPLOYEES BY DISCIPLINE

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

Enter requested information in the chart provided below:

- a. Select disciplines from the List of Disciplines. For employees that do not qualify for any of the disciplines, select "Other".
- b. Each person can be <u>counted only twice</u>; <u>once for his/her primary function and once for his/her secondary function</u>. 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
Environmental Engineer	Р	433	1 – Phoenix Branch
Civil Engineer	P	591	5 – Tucson Branch 3 – Phoenix Branch 1 – Payson Branch
Chemical Engineer	Р	405	1 - Phoenix Branch
Mine Engineer	Р	330	1 – Phoenix Branch
Geologist	P	373	5 – Phoenix Branch
Technician/Analyst	P	634	1 – Phoenix Branch
CADD Technician	P	202	1 – Tucson Branch 1 – Phoenix Branch
Environmental Scientist	P	388	1 – Tucson Branch
Hydraulic Engineer	P	192	1 – Tucson Branch
Project Manager	P	1,502	2 – Tucson Branch 1 – Payson Branch
Water Resources Engineer	Р	259	1 – Tucson Branch

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Construction Inspector	Р	196	1 – Payson Branch
Other	Р	10,899	2 – Phoenix Branch 1 – Payson Branch
Tota	1	16,404	10 – Phoenix Branch 8 – Tucson Branch 5 – Payson Branch

#### 3.0 FIRMS EXPERIENCE AND REVENUE

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

#### 4.0 FIRMS SERVICES

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

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#### 5.0 EXPERIENCE REFERENCES:

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

1 Client Company/Address		Contact	Begin Date	End Date
AZ Dept. of Environmental Quality 1110 West Washington Street Phoenix, Arizona 85034		Rick Brunton	June 2016	Nov. 2016
Phone Number	Emai	il Address		
602-717-4745	Bru	nton.richard@azdeq.gov		

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.).

Abandoned UST Tank Pulls in Phoenix, Tucson, Surprise, Chino Valley, Skull Valley, and Flagstaff. Original authorized budget was \$378,816 and final authorized budget was \$540,051 due to unanticipated conditions and additional work. Final project cost was \$496,830.

Services performed similar to those described in Solicitation

Permitting, removal, and compliance sampling and testing for closure of underground storage tank systems at seven facilities in Arizona.

2 Client Company/Address		Contact	Begin Date	End Date
City of Phoenix				
<b>3060 S. 27</b> <sup>th</sup> <b>Avenue</b>		Carlos S. Encinas, P.E.	2010	2018
Phoenix, AZ 85009				
Phone Number Email		mail Address		
602-534-5604	Carlos.s.encinas@phoenix.gov			

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.).

Farm Well #2 Design and Construction Management, Large Capacity Groundwater Production Well, Design \$35,895 (original and final), Construction Management \$91,875 (original and final). Construction cost \$1.2M

Services performed similar to those described in Solicitation

Water Resources, Hydrology, Groundwater

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3	Client Company/Address	Contact	Begin Date	End Date
City of Phoenix				
<b>3060 S. 27</b> <sup>th</sup> <b>Avenue</b> ,		Joy Bell, P.E.	2015	2017
Pho	enix, AZ 85009			

,	
Phone Number	Email Address
602-256-5605	Joy.bell@phoenix.gov

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.).

19<sup>th</sup> Avenue Landfill Annual DEUR Inspection. Southeast corner of Lower Buckeye Road and 19<sup>th</sup> Avenue in Phoenix, Arizona. Original fee was \$23,951 and final fee was \$21,250.

Title V Air Quality Permit preparation for the City of Phoenix SR85 Landfill. \$18k (original and final). There was no construction involved with this project.

Services performed similar to those described in Solicitation

Annual review of operation and maintenance records, groundwater monitoring records, and detailed inspection of engineering controls at the 19<sup>th</sup> Avenue Landfill, a de-listed Superfund site.

Solid Waste; Incineration; Landfill

**End of Attachment 2-A** 

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#### Attachment 2-B Organization Profile

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

#### ORGANIZATION PROFILE

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

	Firm Name	Tetra Tech, Inc.					Year established	1966
	Principal address street, city, state)	3475 East	Footh	ill Blvd., Pasade	na, California 911	07		
	Entity type:	Corporation	n		Str	ucture:	С	
	Branch or Division:	Phoenix, T	ucson	, Payson	Parent Co	nt Company: n/a		
				Years the orga	anization has cond	ucted bu	ısiness in Arizona	. 20
			(	Contract Repres	sentatives to Con	act		
	Name	Title			Telephone Nu	mber	E-Mail Address	
1.	Ana V. Turmero	o-Madriz Contr		racts Manager	(703) 444-70	00	Ani.madriz@te	tratech.com
2.	Nancy Schray	Contracts I		racts Manager	(703) 444-70	00	Nancy.schray@tetratech.com	
3.	Keith Johnson	Brane		ch Manager	(602) 267-03	36	Keith.johnson@	etetratech.com
	Firm Profes	sional Regi	stratic	on and Certificat	tions (INCLUDE C	OPY OF	DOCUMENT IN	OFFER)
	Description			Issuer			Number	Expiration
1. Arizona Board of Technical Registration		State of Arizona		10328-03	12/01/2018			
Arizona transaction privilege tax license or (if applicable) Arizona Corporate Commission Certificate of Good Standing		State of Arizor	aa		159534	2/15/2018		

#### **ATTACHMENT 2-B SUPPLEMENTS:**

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

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	Document	No. of	
Title	Date	pages	Purpose in Offer

**End of Attachment 2-B** 



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Attachment 3-A **Method Proposal** 

(Method of Approach)

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

**End of Attachment 3-A** 



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#### Attachment 3-B

### Key Personnel Proposal

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

1	Name:	Scott Parsons	How long with company?	18 years
	Current position in company:	Phoenix Operations Manager	How long in positon?	6 years
Posi	tion for the Services:	Principal Engineer	How much of time will be dedicated to the Services?	2%
Wł	nat primary functions will be assigned?	Senior Technical Expert		

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**United Technologies Corporation, Puente Valley Operable Unit.** Remedial Design and Remedial Action for the PVOU shallow zone remedy. Responsible for the design and implementation of 1,500 gpm extraction system that includes 10 extraction wells, over 3 miles of pipeline in the public right-of-way, advanced oxidation, granular activated carbon, and ion exchange.

Carrier Corporation, City of Industry, California. Operating and maintaining an integrated groundwater extraction system and soil vapor extraction system. Implemented cost saving measures that have resulted in savings of approximately \$200,000 per year including reducing sampling frequency, eliminating onsite carbon regeneration system, reducing labor, and discontinuing operation of a UV oxidation vapor treatment system.

Los Angeles Unified School District, Los Angeles, California. Removal Action to support the construction of Central Regional Elementary School No. 16. A total of approximately 2,100 tons of soil were excavated and transported offsite for disposal as RCRA hazardous waste and non-RCRA hazardous waste. Approximately 75 post-excavation bottom confirmation samples and 200 sidewall confirmation samples were collected and analyzed for lead and arsenic to confirm that DTSC-approved remedial action objectives had been achieved. The DTSC issued a No Further Action Letter approving school construction after reviewing the Removal Action Completion Report.

Describe person's experience in performing services like those that

are to be assigned:

Los Angeles Unified School District, Los Angeles, California. Remedial Action Plan and Remedial Design Document for Central Regional Middle School No. 7. The DTSC-approved remedial action included excavation of approximately 100,000 cubic yards of VOC-impacted soil, post excavations soil-matrix and soil vapor confirmation sampling, and contingent soil vapor extraction. The RAP, which was approved by the DTSC, included a sampling and analysis plan, quality assurance project plan, health and safety plan, design drawings, engineering specifications, and an operations and maintenance plan.

ARCO Transportation Services Company, Long Beach, California. Design and construction of a remediation system for soil and groundwater impacted by more than 100,000 gallons of gasoline from a transportation pipeline release. Free product with apparent thickness of up to 25 feet was measured on the groundwater. Conducted vapor extraction pilot tests and a feasibility study to evaluate the best technologies for controlling plume migration and remediating the site. Designed and obtained permits for an integrated remediation system utilizing pneumatic pumps and vapor extraction. The free product was pumped to a 2,000 gallon above ground storage tank (AST). Extracted vapors were destroyed by a thermal oxidizer.

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List person's job-related training and education:

B.S., Mechanical Engineering, University of New Hampshire, Durham, New Hampshire, 1982.

MBA, Business Administration, California State University, Long Beach, 1995.

OSHA 40 hour HAZWOPER, Frist Aid, CPR

Resume: List filename

2 Name:	Miles Hearn, P.G.	How long with company?	2 years
Current position in company:	Geologist	How long in positon?	2 years
Position for the Services:	Professional Level II	How much of time will be dedicated to the Services?	50%
What primary functions will be assigned?	Registered Geologist: Corrective Action Plan/Site Assessment, Remediation, UST Closure		

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Mr. Hearn is an Arizona Registered Geologist with five years' experience in environmental consulting. Technician has extensive experience in numerous drilling and sampling methods, and has performed numerous groundwater monitoring well installation, developing and sampling events. The technician is skilled in site characterization, UST removal, tailings characterization, remediation system installation, and numerous sampling methods for soil, water, and soil vapor. This technician has an excellent track record of site safety and subcontractor oversight, and has aided in project planning and reporting.

Insitu Chemical Oxidation: Oversaw re-development of groundwater monitoring wells and subsequent injection of Persulfox® oxidizing agent for the purpose of continuing remedial activities at the site.

Soil Gas Sampling: Performed a subsurface survey of soil gas contamination using Membrane-Interface probe technology. Oversaw direct-push rig operation, sample point locating, MIP logging, worksite health and safety, and maintained detailed field logs.

Well Installation and Sampling: Responsible for the field oversight of groundwater monitoring well installations and groundwater sampling. Oversaw air-percussion drill rig operation, well installation, lithologic logging, sample collection, worksite health and safety, and maintained accurate and detailed field logs.

Describe person's experience in performing services like those that are to be assigned:

Soil Investigation: Staff geologist responsible for field oversight of air-percussion drill rig operation, soil-gas sample collection using simulprobe, groundwater sample collection, lithologic logging, field note maintenance, and site health and safety.

Phase I Environmental Site Assessments: Staff Geologist responsible for conducting Phase I Environmental Site Assessment (ESA) site reconnaissance activities for several developed properties. Responsible for documentation of field observations, photos, and reporting requirements.

UST Removal and Investigation: Oversaw removal of USTs located at 14 former fueling facilities. Responsible for excavation and safety oversight, soil sampling, project documentation and liaising with fire marshal during UST removal.

Soil Investigation: Performed Site characterization of metals contamination using direct-push drilling method and x-ray fluorescence sampling technology. Field activities included maintaining detailed activity logs and providing oversight for subcontractors

Insitu Chemical Oxidation: Provided oversight during drilling, construction and installation of injection wells using the sonic drilling method. Field activities included maintaining detailed lithologic descriptions and activity logs, and providing oversight and documentation of multiple drill rigs and work sites to construct an injection-well grid for the purpose of fracturing an aquiferimpending layer in an ongoing remediation project.

UST Site Assessments: Conducted UST release investigation assessments at fueling facilities. Field activities included soil borings and monitoring well

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	installation; soil and groundwater sampling; remediation compound construction; and soil gas sampling using a direct push rig.  UST Remediation: Remediation of an estimated 400,000-gallon release of unleaded fuel from a UST system impacting both soil and groundwater at a vehicle service center. Responsibilities included collection of groundwater samples and supporting with operation and maintenance of remedial systems which included product recovery, thermal oxidization, and air-sparging treatment systems.  Groundwater Remediation: Supervised the drilling and installation of six monitoring wells by sonic drill method. Responsibilities included directing installation and construction of monitoring wells to assess contamination levels, supervision of soil borings, and collection of soil and groundwater samples.
List person's job-related training and education:	Arizona Registered Professional Geologist #64533 HAZWOPER- General Site Worker: (2012 w/ refreshers) MSHA- Surface, Metal, and Nonmetal: (2012 w/ refreshers) Wilderness First Responder w/ CPR: (2017) B.S., Geosciences, University of Arizona, 2012
Resume:	List filename

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3	Name:	Neil Babb	How long with company?	2 years
	Current position in company:	Staff Geologist	How long in positon?	12 years
Posi	tion for the Services:	Staff Geologist	How much of time will be dedicated to the Services?	25%
Wł	nat primary functions will be assigned?	Field Geologist		



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Soil Vapor Extraction and Groundwater-Pump and Treat Systems Operation; Central and Camelback WQARF Site in Phoenix, Arizona. Responsible for the operation and maintenance of the SVE and GW-Treatment systems. Required duties included monitoring systems, recording field data, reporting changes and making modifications to optimize efficiency; environmental sampling (groundwater, soil, soil-vapor and process-gases); preventative maintenance (oil changes, belt adjustments, and general housekeeping), repairs to piping and fittings and basic electrical wiring and controls trouble-shooting. Additional duties included oversight of groundwater monitoring well installations; installation of passive soil-gas samplers for soil surveys; installation of soil-vapor wells and connection to existing system; conducting air-quality performance testing; preparing groundwater sampling and well installation reports for final review.

UST Removal; Contracting Facility, Glendale, Arizona. Project involved the removal of two 20,000-gallon USTs, dispensers and associated product piping. Oversight duties included excavation, triple-rinsing and inerting tanks; removal of tanks, backfilling, compaction and surface prep for asphalt completion. Responsible for use of field monitoring equipment and screening excavated soil; communicating concerns to PM when contaminated soil encountered; data and photo documentation; soil sampling under USTs and product piping and deeper depths where contamination was identified; sample handling and delivery to lab; prepared scaled sampling locations diagram for report.

Describe person's experience in performing services like those that are to be assigned:

Well Installation and Sampling; 7th Street & Missouri Avenue Remedial Investigation Site; Phoenix, Arizona. Responsible for the field oversight of three groundwater monitoring well installations and groundwater sampling. Duties included utilities locating; characterizing/logging boring cuttings; obtaining simual-probe vapor samples at discrete intervals; well construction and developments; IDW handling, sampling and disposal. Additional duties included coordinating and conducting GW-sampling events that included wells located in the city ROWs requiring lane closure permits; obtaining permits to discharge into designated city sewers; maintaining accurate and detailed field logs.

Remedial Investigation and Groundwater Sampling; Whiting Bros #23 Site, Winslow, Arizona. Project involved reviewing historical site data and site reconnaissance for locating groundwater wells. Duties included conducting preliminary GW-sampling; utilities locating and field marking drilling locations; oversight for investigative soil-probes, collected soil and soil-vapor samples used to delineate area to excavate and remove contaminated soil; post excavation GW-sampling; installed eight vapor pins inside site building and five shallow soil-probes outside building for vapor intrusion monitoring; maintained detailed field logs of all activities.

Installation of New Landfill Cells; South Yuma County Landfill, Yuma, Arizona. Project involved Construction Quality Assurance (CQA) oversight for the installation of three new landfill cells in an active solid waste disposal facility. Responsibilities included analyses of project documents and diagrams;

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	established soil testing locations in accordance with the project specifications for obtaining density/compaction and moisture-content tests for the sub-grade layer prior to liner install; ensured conformance testing results were verified prior to the deployment of the geosynthetic materials used in the cell constructions; conducted health and safety meetings; field data and photo documentation; verified all materials used met the pre-determined specifications standards set forth in the work plans; physically verified all required geosynthetic testing was completed and the repairs were completed and also tested; assisted with the construction of the leachate collection systems; monitored the earthworks operations for placing the 2-foot soil operations layer atop the liner material after all materials passed the tests and were accounted for; prepared field logs and data for appendices attachments to construction documentation reports.
List person's job-related training and education:	B.S. Geology, Wayne State University, 2005; Geologic Field Program, University of Missouri, 2004.  40-hr OSHA HAZWOPER w/refreshers: Arizona (2006)  MSHA- Surface, Metal and Non-metal w/refreshers: (2006)  Geologist-in-Training: Arizona (No. 10396, 2007)  Construction Quality Assurance Inspection: Geosynthetic Institute (No. 137-06, 2006)  AZUCA- Trenching and Excavation Safety Competent Person Training: Arizona (No. AZCPT0203, 2013)
Resume:	List filename



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4 Name:	Mekaela Bennett	How long with company?	6 years	
Current position in company:	Staff Engineer	How long in position?	6 years	
Position for the Services:	Staff Engineer	How much of time will be dedicated to the Services?	20%	
What primary functions will be assigned?	Field assessments, report writing, project engineering.			
Describe person's experience in performing services like those that are to be assigned:	Underground Storage Tank Removal, A underground storage tank removal at v confirmation sampling beneath product Monitor Well Installation and Sampling oversight of monitor well drilling and in Douglas, Arizona. Three wells were comperformed. Upon completion wells were Environmental Monitoring and Mitigat Grande, Arizona. Staff Engineer responsible different mine sites for the Asarca monthly site visits to ensure all environ properly, removal of hazardous waste, soil sampling, SWPPP preparation and Exploration Drilling and Project Feasib responsible for performing drill core logits for project feasibility studies. Test as far as twelve in depth. Classification interval.  Safford Mine Lone Star Noise and Vibrablasting noise and vibration analysis to conditions were used predict noise and associated with mining of the proposed Aquifer Protection Permit Quarterly Gramonitored depth to water and obtained well network of 23 compliance wells to Protection Permit for a large operating Phase I Environmental Site Assessment Engineer responsible for conducting Ph (ESA) site reconnaissance, historical reand undeveloped properties. Responsible photos, and reporting requirements.	arious sites in Arizona. Complet lines and storage tanks.  g, ADEQ, Douglas, Arizona. Constallation at the previous Fuent structed and classification of see purged and sampled.  ion, Former Mines in Patagonia sible for environmental monitor. Trust. Responsibilities include amental controls were function istormwater monitoring, waste a compliance.  idity, Holbrook, Arizona. Staff Egging as well as soil classification is were excavated to refusal by was performed as every changination Study, Safford, Arizona. Constablish baseline conditions. It wibration that would result from Lone Star open pit copper mineround Water Monitoring, Maranal groundwater samples from monitoring to the support compliance with an Agroupper mine.  Its, Various Locations, Arizona.  Its, Various Locations, Arizona.  Its each and records review for each support compliance with an Agroupper mine.	mpleted ites Auto in oils was a and Casa oring of ed bi- ing rock and Engineer on of test y a backhoe ing soil Conducted Baseline in blasting ie. ina, Arizona. onitoring juifer Staff issment developed	

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List person's job-related training and education:	B.S., Mining Engineering, Minor: Environmental Science, University of Arizona, 2011 Geologist in Training, 2014 OSHA 40 hour HAZWOPER and Supervisor Training, MSHA, Frist Aid, CPR, Defensive Driving
Resume:	List filename



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5 Name:	Jonathan Elslager	How long with company?	13 years
Current position in company:	Water Resources Engineer	How long in position?	13 years
Position for the Services:	Civil Engineer	How much of time will be dedicated to the Services?	20%
What primary functions will be assigned?	Hydrology, Hydraulics, and Sediment Transport		
Describe person's experience in performing services like those that are to be assigned:	Over the past decade, Jon has gained considerable experience in the analysis and design of water resource and flood control projects including channels, energy dissipaters, chute spillways, dams, levee design and certification, scour and sediment transport studies, hydrology reports, and FEMA submittals. Mr. Elslager's background is in the utilization of computer/numerical modeling techniques to determine solutions to complex engineering problems in the areas of hydrology, hydraulics, and sediment transport. He is familiar with an array of methods for hydrologic and hydraulic analysis, including one-dimensional and two-dimensional computational software programs. Mr. Elslager's proficiency in numerous hydrology, hydraulic and sediment transport software programs combined with the added proficiency in the use of Geographic Information Systems and Computer Aided Design and Drafting software allow for the graphical integration of numerical modeling results for incorporation into various planning and design documents. Jon has supervised development of FEMA submittals, H&H reports, sediment transport and geomorphic studies, and development of plans and project specifications. Mr. Elslager has extensive experience in a wide variety of settings throughout the U.S., including the East Coast, Mid-West, Pacific Northwest and Southwest regions.		

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List person's job-related training and education:	BS, Civil Engineering, University of Arizona 2004
Resume:	List filename



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6 Name:	Douglas Lantz, PhD, PE, PH	How long with company?	20 years
Current position in company:	Hydraulic Engineer/Principal Project Manager	How long in position?	29 years
Position for the Services:	Hydraulic Engineer	How much of time will be dedicated to the Services?	20%
What primary functions will be assigned?	Hydraulics		
Describe person's experience in performing services like those that are to be assigned:	Doug Lantz has 29 years of applied project experience in hydrologic/hydraulic analysis and design for flood control and environmental restoration projects. He has developed engineering solutions and designs for interconnected detention basins; overflow spillways; levees and embankments; flood control channels; rock, soil cement, and bio-engineered bank protection; dam rehabilitation; dam removals; stream restoration; fish passage; and wetlands. He has extensive experience with computerized hydrologic, hydraulic, and sediment models including HEC-1, HEC-HMS, SITES, WinDAM, TR-55, TR-20, WinTR-20, UNET, HEC-2, HEC-RAS (steady and unsteady), FLO-2D, SAM, BREACH, FLDWAV, HEC-FFA, HEC-SSP, HEC-FDA, and the Advanced Interconnected Channel and Pond Routing Program (ADICPR) and has prepared detailed documentation for hydrology, hydraulics, sediment transport, and design. Mr. Lantz has prepared construction documents that include contract drawings, specifications, quantity estimates, cost estimates, design reports, permitting, and O&M manuals. Mr. Lantz has worked on several large multi-purpose restoration projects and dam rehabilitation projects that have required in-depth analysis of the hydrologic, hydraulic, geomorphic, and sedimentation characteristics in the existing and post-project conditions.  Prior to joining Tetra Tech, Mr. Lantz was a civil engineer for the Flood Control Engineering Division, Pima County Department of Transportation and Flood Control District, Tucson, Arizona. He was responsible for hydrologic/hydraulic analysis and design of drainage and flood-control projects including levees, multiple interconnected detention basins, channels, and bank protection. His experience included development of engineering solutions to complex flood-control problems; preparation of construction details using AutoCAD; computation of quantities and cost estimates, completion of hydrologic and hydraulic analyses using computerized methods such as HEC-1, TR-20, HEC-2, WSPRO, and the Advanced Interconnected Channel and		rojects. He etention annels; tion; dam assive odels 2-20, UNET, DWAV, annel and atation for prepared and dam cologic, and dam cologic, and dam d Control d Flood aydraulic avees, on. His flood- c and d, HEC-2,

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List person's job-related training and education:	Ph.D. 1998, Watershed Management (University of Arizona); M.S. 1989, Watershed Management (University of Arizona); B.S. 1986 Watershed Management (University of Arizona)
Resume:	List filename



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7 Name:	Scott Estergard	How long with company?	6 years
Current position in company:	Water Resources Project Manager	How long in position?	6 years
Position for the Services:	Project Manager	How much of time will be dedicated to the Services?	10%
What primary functions will be assigned?	Federal Water Resource Policy Ecosystem Restoration, Floor Risk Management, US Army Corps of Engineers, Environmental Impact Assessments, and NEPA		
Describe person's experience in performing services like those that are to be assigned:	Mr. Estergard has over 20 years of experience in water resource planning and environmental impact assessment. His expertise includes detailed knowledge of aspects of plan formulation and Federal water resource policy with focus in ecosystem restoration and flood risk management. He has led interdisciplinary study teams working with local communities and stakeholder groups to develop, evaluate, and recommend solutions to water resource problems. He has extensive knowledge of developing planning reports of varying types and complexities – Initial Appraisals, Reconnaissance Reports 905(b), Feasibility Reports, Post Authorization Change Documents, Preliminary Restoration Plans, and Technical Decision Documents and is certified as having completed the USACE Planning Community of Practice requirements as an Expert Planner. For 14 years prior to joining Tetra Tech, Mr. Estergard was with the U.S. Army Corps of Engineers (Los Angeles and Rock Island Districts). During his tenure he served as a lead planner for numerous water resource studies including basin wide and site specific water resource projects. He has managed civil works projects from initiation to design and construction. Mr. Estergard has also completed environmental impact assessments, conducted Section 7 consultations, and prepared NEPA documents. Project experience includes watershed studies and feasibility studies addressing flood risk management, ecosystem restoration,		

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List person's job-related training and education:	MS, Water Resources, University of Arizona (2007) BS, Biology, College of Idaho (1991)
Resume:	List filename



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8 Name:	Jim Huiting	How long with company?	23 years
Current position in company:	Senior Engineer	How long in position?	15 years
Position for the Services:	Senior Engineer	How much of time will be dedicated to the Services?	50%
What primary functions will be assigned?			



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South Maryland Creek Ranch Development, Silverthorne, CO, Project Hydraulic Engineer, Reviewer, and Construction Observer – Mr. Huiting was the lead engineer for the design, review, and resident observation of South Maryland Creek Ranch (Summit Sky Ranch); a 240-unit mountainside development in the Rocky Mountains. The project is divided into several phases and will ultimately include 12 miles of new sewers and force mains, 15 miles of new roadways, a new regional lift station, 10 miles of new water lines, booster pump station, a new storage tank, parks, and a 10-acre lake, along with other amenities.

Mr. Huiting also served as resident observer, inspecting pipe, service, stormwater control features and roadways, lift station and force main construction, meetings with the town, and other inspection and review agencies.

Water Treatment Project, Confidential Client, Hydraulic Engineer – Mr. Huiting was the lead hydraulic engineer for the design of a water treatment system incorporated into an existing refinery. The system utilizes existing and new tankage, activated sludge, membrane filters, and permeate pumps to treat contaminated water from various sources. The project included full dynamic hydraulic analysis for pressure and gravity systems, interfacing with client, completion of various databases, design, quality control, control strategies for pump and process control, isometric pipe profiles for offsite fabrication, specifications, procurement databases, scheduling and cost estimates, plans, and specifications.

Describe person's experience in performing services like those that are to be assigned:

Bagdad Thickener, Bagdad Copper Mine Engineering, Procurement, and Construction Management (EPCM), Freeport-McMoRan; Phoenix, AZ, Project Hydraulic Engineer – Mr. Huiting was the lead hydraulic designer for a multiinfrastructure transmission and distribution system related to the addition of a thickener and new tailings area. The project included design, troubleshooting layout issues, procurement, and start-up of pipelines, pumps, and appurtenances for slurry and reclaim system on a fast-tracked project.

Mountain Pass Rare Earth Mining and Treatment Facility, Moly Corp; Greenwood Village, CO, Project Manager – Mr. Huiting was the project manager for the design of a proposed multi-infrastructure underground distribution system. The project included interfacing with eight different consultants on an extremely fast-tracked project. Various infrastructures included potable water, fire water, reverse osmosis water, natural gas, electrical conduits, overflows, and brine lines. Pressures ranged widely over the mountain terrain where various facilities were located. The project also included pumping and pump systems, yard piping and valving, route selection, process selection, plant layout, hydraulics, product delivery and scheduling, cost estimates, plans, and specifications.

Prairie Waters, Aurora Waters, Aurora, CO, Project Engineer – Mr. Huiting was the project engineer for the design of infrastructure for the North Campus well field and infiltration basins of the Prairie Waters Project to reuse South Platte River water. The project included layout, design, and start-up of well field

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	collection mains; flow metering systems for flow sand control valve vaults to reservoirs; pressure regulating stations; and various other hydraulic structures.
List person's job-related training and education:	B.S., Civil and Environmental Engineering, University of Wisconsin, Madison, 1981.  Registered Engineer CO, AZ (pending)  OSHA 40 hour HAZWOPER, Frist Aid, CPR
Resume:	List filename

#### **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.).

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	Title	Document Date	No. of pages	Purpose in Offer
1.	Pence_Jack Resume	1/22/18	1	
2.	Dowell_Jim Resume	1/22/18	1	
3.	Johnson_Keith_Resume	1/22/18	1	
4.	Albrecht_James_Resume	1/22/18	1	
5.	McGrane_Dennis_Resume	1/22/18	1	
6.	Livermore_Todd_Resume	1/22/18	1	

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

**End of Attachment 3-B** 



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#### Attachment 3-C

#### **Proposed Subcontractors**

RESERVED FOR AWARDED DESIGN PROFESSIONAL OPON 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.				
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 1. 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 2. 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.

$\overline{}$	
Ш	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** 

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Attachment 3-D

#### Performance Guarantee

RESERVED FOR AWARDED DESIGN PROFESSIONAL UPON SERVICE REQUEST

**End of Attachment 3-D** 



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#### Attachment 3-E

#### Israel Boycott Form

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

#### As defined by A.R.S. §35-393.01:

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

#### All offerors must select one of the following:

	<b>V</b>
<u>XX</u>	My company <b>does not</b> participate in, and agrees not to participate in during the term of the contract a boycott of Israe 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 <b>does</b> participate in a boycott of Israel as defined by A.R.S. §35-393.01.:
By submittin	g this response proposer agrees to indemnify and hold the State, its agents and employees, harmless from any claims

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.

Tetra Tech, Inc.			Douth Parsons
Company Name			Signature of Person Authorized to Sign
3822 E. University [	Orive, Suite 3		Scott Parsons
	Address		Printed Name
Phoenix,	AZ	85034 Phoenix Operations Manager	
City	State	Zip.	Title

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Description: 2018 Professional Services List

Arizona Department of Administration

State Procurement Office

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**End of Attachment 3-E** 

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Description: 2018 Professional Services List

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Attachment 4
Pricing Sheet

RESERVED FOR AWARDED DESIGN PROFESSIONAL SERVICE ORDER CONTRACT

**End of Attachment 4** 

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#### Solicitation No. ADSPO18-00007887

#### Description: 2018 Professional Services List

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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": 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. This response DOES contain trade secret information because it contains information that: 1. Is a formula, pattern, compilation, program, device, method, technique or process, AND 2. Derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use; AND 3. Is the subject of efforts by myself or my organization that are reasonable under the circumstances to maintain its secrecy.

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

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

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

Tetra Tech, Inc.			Scout Parsons	
Offeror Company Name			Signature of Authorized Person	
3822 E. University Drive, Suite 3			Scott Parsons	
Address			Printed Name	
Phoenix,	Arizona	85034	Scott Parsons	

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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** 

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2018 Professional Services List

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Phoenix, AZ 85007

# 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:
  - 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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#### Description: 2018 Professional Services List

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State Procurement Office

100 N 15th Ave., Suite 201

Phoenix, AZ 85007

Attachment 5-B

#### Conformance Statements

STATE WILL NOT CONSIDER ANY EXCEPTIONS UNLESS DESIGNATED ON THIS FORM.

READ THE <u>INSTRUCTIONS TO OFFERORS</u> 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 <u>Solicitation Summary</u> in Section 1-A of the Solicitation Documents and the <u>Instructions to Offerors</u> 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 <u>Solicitation Summary</u> in Section 1-A of the Solicitation Documents and the <u>Instructions to Offerors</u> 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 <u>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.</u>

NO – Offeror acknowledges that it has read and understands the <u>Special Terms and Conditions and the Uniform Terms and Conditions, along with their respective Exhibits and Appendices</u> 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)

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#### Solicitation No.

#### ADSPO18-00007887

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

#### ATTACHMENT 5-B Supplement No. 1:

#### **Exceptions to Instructions**

Article / Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change		
Section 1	-A: Solicitation Summary			
x	No Exceptions Taken	x		
X	x	x		
x	x	x		
Section 1-B: Instructions to Offerors				
x	No Exceptions Taken	x		
x	x	x		
x	x	x		

#### ATTACHMENT 5-B Supplement No. 2:

#### **Exceptions to Contract Terms & Conditions**

Article/ Paragraph or Exhibit Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2-A: Special Terms & Conditions		
x	No Exceptions Taken	X
x	x	x
x	x	x

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Article/ Paragraph or Appendix Reference	Proposed Changes / Alternate Language	Rationale for Proposed Change
Section 2	-B: Uniform Terms & Conditions	
X	No Exceptions Taken	x
X	x	X
X	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
Section 2	-A Scope of Work (Requirements Document)	
x	No Exceptions Taken	x
x	x	X
x	x	X
Section 2	-B: Compensation Document	
x	No Exceptions Taken	x
x	x	X
x	x	X

Tetra Tech, Inc.

Company Name

Signature of Person Authorized to Sign

**End of Attachment 5-B** 

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### Attachment 5-C Insurance Evidence

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

**End of Attachment 5-C** 



#### Solicitation No. ADSPO18-00007887

#### 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 - SIGNED	⊠ YES □ no
2.	Attachment 2-A:	Experience and Capacity	⊠ YES □ no
3.	Attachment 2-A:	References	⊠ YES □ no
4.	Attachment 2-B:	Organization Profile	⊠ YES □ no
5.	Attachment 3-A:	Method Proposal – RESERVED FOR AWARD	☐ YES ⊠ no
6.	Attachment 3-B:	Key Personnel Proposal	⊠ YES □ no
7.	Attachment 3-C:	Proposed Subcontractors – RESERVED FOR AWARD	☐ YES ⊠ no
8.	Attachment 3-D:	Performance Guarantee – RESERVED FOR AWARD	☐ YES ⊠ no
9.	Attachment 3-E:	Israel Boycott Form -SIGNED	⊠ YES □ no
10.	Attachment 4:	Pricing Sheet – RESERVED FOR AWARD	☐ YES, ⊠ no
11.	Attachment 5-A:	Confidential Information Designation - SIGNED	⊠ YES □ no
12.	Attachment 5-B:	Conformance Statements - SIGNED	⊠ YES □ no
13.	Attachment 5-C:	Insurance Evidence – RESERVED FOR AWARD	☐ YES ⊠ no
14.	Attachment 5-D:	Offer Checklist	⊠ YES □ no
15.	.pdf File: Numbe	r of Projects and Revenue	⊠ YES □ no
16.	Excel File: 2018	Professional Services List of Firms Services	⊠ YES □ no

**End of Attachment 5-D** End of Part 4

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1 Name:	James (Jim) Albrecht, P.E.	How long with company?	13 years	
Current position in company:	Civil Engineer, Technical Services	How long in positon?	8 years	
Position for the Services:	Professional Civil Engineer  How much of time will be dedicated to the Services?  40-50 %			
What primary functions will be assigned?	Water resources, Solid Waste, Storm Water.			
Describe person's experience in performing services like those that are to be assigned:	Extensive experience in all areas of Civil Engineering for the development, funding, design, and execution of municipal infrastructure projects, comprehensive planning, and environmental management and impact analysis. Has been actively involved in the Planning, Programming, and Budgeting process for Government facility and infrastructure projects, and management and oversight of construction and facility maintenance contracts. Conducted infrastructure plan reviews and construction surveillance services for several municipalities in Arizona. Conducted Phase I and II Environmental Assessments.			
List person's job-related training and education:	-Technical lead for expansion of Peterson AFB's base recycling program and conversion to single-stream collection.  -Performed full inventories and NASSCO standards-based condition assessments of storm water and sanitary sewer systems at U.S. Coast Guard installations in Connecticut, Virginia, California, Washington, and North Carolina.  -Project Engineer for review and revision of the solid waste management plan for the 193rd Special Operations Wing, Pennsylvania Air National Guard.  -Oversight of Storm Water Pollution Prevention (SWPPP) Best Management Practices and construction of permanent drainage structures for over 3 miles of state highway in high-profile, highly sensitive natural environment in rural Arizona.  -Developed Sewer System Assessment, Infrastructure Rehabilitation, Financial Analysis and Rate Setting, and Acquisition Consideration plans for Winchester, KY.  -Contract administration, project development, and agency coordination for investigation and mapping of a rural AZ water district to identify losses.  -Developed checklists and conducted full reviews of infrastructure improvement and			
Resume:	List filename			



Solicitation No.

#### ADSPO18-00007693

Description: 2018 Annual Professional Services List

Arizona Department of Administration

State Procurement Office

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

1 Name:	James C Dowell, PE	How long with company?	5 years		
Current position in company:	Environmental Engineering	How long in positon?	5 years		
Position for the Services:	Civil Engineer How much of time will be dedicated to the Services?				
What primary functions will be assigned?	Water and Wastewater Facilities				
Describe person's experience in performing services like those that are to be assigned:	Mr. Dowell has more than 40 years of experience in design and construction related services for municipal water and wastewater treatment facilities. He began his career as a design engineer and was promoted to Project Manager within four years. His experience includes managing complex multi-disciplined projects. For his former firm, Wilson & Company, he retired as Director of the Water & Wastewater Division, managing projects and employees in four regional offices. Jim was formerly a member of the Water Environment Federation and the American Water Works Association and is a Past President of the American Council of Engineering Companies of Arizona.				
List person's job-related training and education:	BS, Environmental Engineering, Leland Stanford Junior University, 1972				
Resume:	Dowell_Jim_Resume				

1 Name:	Keith A. Johnson, P.E.	How long with company?	21 years			
Current position in company:	Office Manager/Engineering Manager	How long in positon?	18 years			
Position for the Services:	Professional Civil Engineer	How much of time will be dedicated to the Services?	40% - 50% %			
What primary functions will be assigned?	Solid Waste; Incineration; Landfill, Water Resources; Hydrology; Groundwater, Water Well Work, Soils and Geologic Studies; Foundations					
Describe person's experience in performing services like those that are to be assigned:	Mr. Johnson is a registered Civil Engineer (CA, AZ, CO, WY, MT and NCEES) with over 30 years of experience managing and conducting professional services in the solid waste sector. He has a broad range of technical experience in solid waste facility design and operation, air permitting, greenhouse gas emissions verification/quantification (CARB-Accredited GHG Verifier), gas process engineering, and site infrastructure design. He has experience preparing air emissions permits and the development of air permitting strategies for both major and minor sources. His professional experience also includes construction management, geotechnical engineering, and hydrology.					
	Education: M.S., Construction, Arizona State University, Del E. Webb School of Construction, 2002, M.S., Civil Engineering, San Jose State University, 1983, B.S., Geology, University of California at Berkeley, 1979					
	Training: 40 hour OSHA Hazardous Waste Operations Training, DOT HAZMAT Transportation Training, CARB Accredited GHG Verifier					
	Technical lead for the design and construction of the \$28M SR85 Landfill Facility and first lined cell.					
List person's job-related training and education:	Technical lead for the \$4M Bayou Corne, Louisiana methane gas venting and treatment system design.					
training and cadeation.	Technical lead for the Bozeman MT Landfill gas treatment and groundwater remediation system design and construction.					
	Technical lead for the \$5M City of Glendale Landfill gas to energy project design and construction.					
	Prepared the Air Quality Control Permits for the American West Potash Mine and the Oracle Ridge Copper Mine, AZ.					
Resume:	List filename					

1 Name:	Todd Livermore	How long with company?	9 years			
Current position in company:	Project Engineer How long in positon? 9 year		9 years			
Position for the Services:	Project Engineer How much of time will be dedicated to the Services?					
What primary functions will be assigned?	Water Resources, Hydrology, Groundwater, Landfill, and Stormwater Handling and Facilities					
Describe person's experience in performing services like those that are to be assigned:	Mr. Livermore has twelve years of experience in civil engineering with special emphasis in drainage design, flood control, groundwater monitoring, aquifer protection permitting, landfill stormwater control, landfill grading and closure, landfill inspection and reporting, landfill gas to energy buildings/projects, and landfill gas collection system design and modification. He is a Registered Professional Engineer in the State of Arizona, a Nationally Certified Floodplain Manager, and has been responsible for the design of open channels, detention/retention basins, storm drains, street drainage and culverts. He has prepared Master, Preliminary, and Final Drainage Reports as well as Floodplain Delineation Studies requiring multi-volume Technical Data Notebooks, Engineering Drawing Plans for Aquifer Protection Permits, Landfill Gas Extraction System Modifications, Landfill Closure Reports, and Landfill Gas to Energy Feasibility Studies. Mr. Livermore has worked extensively with such automated design tools as AutoCAD, StormCAD, HEC-1, HEC-RAS, HEC-HMS, ArcMap, CulvertMaster and FlowMaster.					
	EDUCATION					
	M.S.E., Civil & Environmental Engineering, Arizona State University (2016)					
	B.S., Civil and Environmental Engineering, Arizona State University (2004)					
	REGISTRATIONS / CERTIFICATIONS					
	Registered Professional Engineer (Civil, #49908), State of Arizona					
List person's job-related training and education:	M = 0 = 0 = 0 =					
	PROFESSIONAL AFFILIATIONS					
	Chi Epsilon National Engineering Honor Society, Arizona State University					
	Arizona Floodplain Management Association					
	American Society of Civil Engineers					
	Association of State Floodplain Managers					
	Solid Waste Association of North Am	erica				
Resume:	Livermore-TT_AZ_Jan-2018					

1 Name:	Dennis McGrane	How long with company?	4 years			
Current position in company:	Senior Engineer	How long in positon?	4 years			
Position for the Services:	Senior Project Engineer	How much of time will be dedicated to the Services?	50 %			
What primary functions will be assigned?	Hydrogeology; groundwater supply; well and pumping system design; computer modeling; stream depletion analysis; well rehabilitation.					
Describe person's experience in performing services like those that are to be assigned:	Mr. McGrane has thirty four years of experience in hydrogeology and civil engineering with special emphasis in hydrogeology; groundwater supply; well and pumping system design; computer modeling; stream depletion analysis; Managed Aquifer Recharge (MAR); and well rehabilitation. He is a Registered Professional Geologist in Arizona, Utah, and Wyoming and Professional Engineer in Utah and Colorado. He is also an American Civil Engineering Engineer Council (ACEC) certified expert witness. As a professional engineer and geologist, Mr. McGrane has a unique combination of Hydrogeologic and engineering knowledge and experience that allows him to evaluate complex groundwater conditions and engineer creative and cost-effective solutions. He has participated and led approximately 50 well-related projects. He was a member or the 1984 and 1988 U.S Olympic team (ski-jumping).					
	EDUCATION					
	B.A., Geology, Dartmouth College, New Hampshire, 1985					
	REGISTRATIONS / CERTIFICATIONS					
	Registered Geologist, AZ #26038					
List manage of a internal and	Professional Engineer, CO, #33232; UT #8696882-2202					
List person's job-related training and education:	A.I.P.G. Certified Professional Geologist #9621					
	Professional Geologist, UT #8696882	2-2250; WY, PG-422				
	PROFESSIONAL AFFILIATIONS					
	AWRA (Colorado Section) President-2011-2012; Vice President-2010-2011.  Member.					
	Colorado Groundwater Association - Member					
	American Institute of Professional Geologists – Member					
Resume:	McGrane-TT_AZ_Jan-2018					



Solicitation No.

#### ADSPO18-00007693

Description: 2018 Annual Professional Services List

Arizona Department of Administration

State Procurement Office

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

1 Name:	Joseph (Jack) Pence, PE	How long with company?	7 years
Current position in company:	Office Manager / Project Manager	How long in positon?	7 years
Position for the Services:	Civil Engineer	How much of time will be dedicated to the Services?	10 %
What primary functions will be assigned?	Water / Wastewater		
Describe person's experience in performing services like those that are to be assigned:	Mr. Pence is a Professional Civil Engineer. Helyears in the design and construction of retail, chas extensive experience in contract document budgeting, cost analyses and construction superinfrastructure design including grading, drainal Mr. Pence is currently the office manager responsive marketing, accounts payable/receivables, project on civil engineering projects for private and mulaso office manager in Elko, Nevada working of industry. Previously, Project Manager for the Informational Boundary and Waterway 3 levee projects in West Texas/Southwestern Namiles/\$26.1M), Mesilla Phase 2 (19.6 miles/\$1 is responsible for RFI, submittal review, weekly Previously, Mr. Pence was responsible for project Texas: Main Floodway (41.4 miles/\$19.7M), No (48.6miles/\$21M) and Lateral A (13.2 miles/\$1 inspection of the Main Floodway for 50% of the	ommercial and residential projects. s, permit applications, plans, specific ervision. Mr. Pence is experienced in age, roads, water and sewer.  Onsible for office supervision/managet planning/review for five profession inicipal clients in Payson, Arizona. Manage civil/environmental projects apper Rio Grande Levee Rehabilitation (IBWC). Mr. Pence is refew Mexico area: Mesilla Phase 1 (32 3.7M) and Sunland Park (12.2 miles, y construction meetings and monthly ect administration for 3 levee project orth and Arroyo Colorado Floodways (18.9M). He also performed daily construction meetings and monthly the second of t	Mr. Pence cations,  ement, onals working Mr. Pence was in the mining ion Program esponsible for  /\$9.2M). His y reports. ss in South
List person's job-related training and education:	BS, Civil Engineering, University of Kentucky; Pittsburgh	12 Hours Post Graduate Studies, Un	iversity of
Resume:	Pence_Jack_Resume		

#### ADSPO18-00007787 Number of Projects and Revenue ADSPO18-00007787 2018 Annual Professional Services Qualification FIRMS NAME (Inscent 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 Activity Centers				Land Surveying 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 Airports; Navaids; Airport Lighting; Aircraft Fueling				Libraries; Museums; Galleries Lighting (Exteriors; Streets; Memorials; Athletic			
Airports; Terminals and Hangars; Freight Handling				Fields, Etc.) 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  Automation; Controls; Instrumentation				Materials Testing Measurement / Verification / Conservation Water			
Automation; Controls; Instrumentation  Barracks; Dormitories				Consumption Medical Related			
Bridge Design: Bridges				Metallurgy			
Cartography				Mining and Mineralogy  Modular Systems Design: Pre-Fabricated			
Cemeteries (Planning and Relocation)				Structures or Components			
Chemical Processing and Storage Child Care/Development Facilities				Mold Investigation  Museums			
Codes; Standards; Ordinances				Nuclear Facilities; Nuclear Shielding			
Cold Storage; Refrigeration and Fast Freeze				Office Buildings; Industrial Parks			
Commercial Building (Low Rise); Shopping Centers  Communications Systems; TV; Microwave				Outdoor Recreation			
Community Facilities				Petroleum and Fuel (Storage and Distribution)  Phase I Environmental			
Computer Facilities				Photogrammetry			
Conservation and Resource Management				Pipelines (Cross-Country - Liquid and Gas)			
Construction Management Construction Materials Testing				Plumbing and Piping Design 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 Railroad; Rapid Transit			
Dams (Earth; Rock); Dikes; Levees							
Desalinization (Process and Facilities) Design & Planning Structured Parking Facilities				Recreation Facilities (Parks, Marinas, Etc.) 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 Dining Halls; Clubs; Restaurants				Rivers; Canals; Waterways; Flood Control 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  Educational Facilities; Classrooms				Security Systems; Intruder and Smoke Detection Seismic Designs and Studies			
Electrical Studies and Design							
				Sewage Collection, Treatment and Disposal			
Electronics Elevators; Escalators; People-Movers				Soils and Geologic Studies; Foundations Solar Energy Utilization			
Energy / Water Auditing Savings				Solid Wastes; Incineration; Landfill			
Energy Conservation; New Energy Sources Environmental Impact Studies, Assessments or				Special Environments; Clean Rooms, Etc.			
Statements Fallout Shelters; Blast-Resistant Design				Specifications Writing Storm Water Handling and Facilities			
Fire Protection				Structural Design; Special Structures			
Fisheries; Fish Ladders				Surveying; Platting; Mapping; Flood Plain			
Forensic Engineering				Studies Sustainable Design			
Garages; Vehicles Maintenance Facilities; Parking				Swimming Pools			
Gas Systems (Propane; Natural, Etc.) Geodetic Surveying: Ground and Airborne				Testing and Inspection Services Topographic Surveying and Mapping			
Heating; Ventilating; Air Conditioning							
Highways; Streets; Airfield Paving; Parking Lots				Towers (Self-Supporting and Guyed Systems) Toxicology			
Historical Preservation				Traffic and Transportation Engineering			
Hospital and Medical Facilities Hotels: Motels				Traffic Studies Transportation			
Housing (Residential, Multi-Family; Apartments;							
Condominiums)				Tunnels and Subways			
Hydraulics and Pneumatics				Urban Renewals; Community Development			
Hydrographic Surveying Industrial Buildings; Manufacturing Plants				Utilities (Gas and Steam) 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 Design			
Laboratories; Medical Research Facilities				Zoning; Land Use Studies	l	l	I
Labs - General							

# **Professional Services** Professional Services Revenue Index Number 1. Less than \$100,000 2. \$100,000 to less than \$250,000 3. \$250,000 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 \$5 Million 8. \$10 Million to less than \$5 Million 9. \$25 Million to less than \$5 Million 10. \$50 Million to less than \$50 Million Revenue

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

Search Term: tetra\* tech\* inc\* Record Status: Active

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 831588822 +4: CAGE Code: 5N2V7 DoDAAC:

Expiration Date: Feb 7, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2800 VETERANS MEMORIAL BLVD

STE 160

City: METAIRIE State/Province: LOUISIANA ZIP Code: 70002-6130 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 363702218 +4: CAGE Code: 1PF45 DoDAAC:

Expiration Date: Jan 26, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 825 W CUSTER AVE

City: HELENA State/Province: MONTANA ZIP Code: 59602-0226 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 807809504 +4: CAGE Code: 1S9X7 DoDAAC:

Expiration Date: Oct 19, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 7 W 6th Ave Ste 612

City: Helena State/Province: MONTANA ZIP Code: 59601-5036 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 017435764 +4: CAGE Code: 7DM68 DoDAAC:

Expiration Date: Jan 26, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 119 N ROBINSON AVE STE 700

City: OKLAHOMA CITY State/Province: OKLAHOMA ZIP Code: 73102-4627 Country: UNITED STATES

DUNS: 160036539 +4: CAGE Code: 3M0V7 DoDAAC:

Expiration Date: Jan 23, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 301 ELLICOTT ST

City: BUFFALO State/Province: NEW YORK ZIP Code: 14203-1616 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 068090609 +4: CAGE Code: 1K3K1 DoDAAC:

Expiration Date: Jan 23, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2901 WILCREST DR STE 405

City: HOUSTON State/Province: TEXAS ZIP Code: 77042-3399 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 096099952 +4: CAGE Code: 344C2 DoDAAC:

Expiration Date: Jan 11, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 711 TANK FARM RD STE 110

City: SAN LUIS OBISPO State/Province: CALIFORNIA ZIP Code: 93401-7075 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 078319701 +4: CAGE Code: 6MLJ7 DoDAAC:

Expiration Date: Jan 11, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 400 112th Ave NE Ste 400

City: Bellevue State/Province: WASHINGTON ZIP Code: 98004-5540 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 611588773 +4: CAGE Code: 1KYQ4 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5 INDUSTRIAL WAY STE 2B

City: SALEM State/Province: NEW HAMPSHIRE

ZIP Code: 03079-4886 Country: UNITED STATES

DUNS: 057620788 +4: CAGE Code: 1KYF0 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 20251 CENTURY BLVD STE 200

City: GERMANTOWN State/Province: MARYLAND ZIP Code: 20874-1162 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 623972689 +4: CAGE Code: 4DHV4 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5700 LAKE WRIGHT DR STE 309

City: NORFOLK State/Province: VIRGINIA ZIP Code: 23502-1860 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 789111697 +4: CAGE Code: 1PDS7 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1320 N Courthouse Rd Ste 600

City: Arlington State/Province: VIRGINIA ZIP Code: 22201-2598 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 006014505 +4: CAGE Code: 1K4C6 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 8640 PHILIPS HWY STE 16

City: JACKSONVILLE State/Province: FLORIDA ZIP Code: 32256-1209 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 002562580 +4: CAGE Code: 1KYA2 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 234 MALL BOULEVARD STE 260

City: KING OF PRUSSIA State/Province: PENNSYLVANIA

ZIP Code: 19406-1433 Country: UNITED STATES

DUNS: 035269922 +4: CAGE Code: 393U0 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1558 VILLAGE SQUARE BLVD STE

2

City: TALLAHASSEE State/Province: FLORIDA ZIP Code: 32309-2748 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 077221463 +4: CAGE Code: 1KYL1 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2170 W PARK COURT STE E

City: STONE MOUNTAIN State/Province: GEORGIA ZIP Code: 30087-3536 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 049671456 +4: CAGE Code: 6X204 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 661 ANDERSEN DR FOSTER

PLAZA VII

City: PITTSBURGH State/Province: PENNSYLVANIA

ZIP Code: 15220-2700 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 602750762 +4: CAGE Code: 1K3R7 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 250 W COURT ST STE 200W

City: CINCINNATI State/Province: OHIO
ZIP Code: 45202-1072 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 809182228 +4: CAGE Code: 4ZEP2 DoDAAC:

Expiration Date: Jan 10, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 11 RIVERSIDE DR STE 205

City: COCOA State/Province: FLORIDA ZIP Code: 32922-8209 Country: UNITED STATES

DUNS: 829169486 +4: CAGE Code: 5A5C1 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 800 WEST 6TH STREET STE 380

City: LOS ANGELES State/Province: CALIFORNIA ZIP Code: 90017-2706 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 832489749 +4: CAGE Code: 5U1Z5 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3801 AUTOMATION WAY STE 100

City: FORT COLLINS State/Province: COLORADO ZIP Code: 80525-5735 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 808829910 +4: CAGE Code: 4YAL7 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6530 W CAMPUS OVAL STE 130

City: NEW ALBANY State/Province: OHIO

ZIP Code: 43054-8726 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 828827654 +4: CAGE Code: 5A5E8 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 4801 E BROADWAY BLVD STE 521

City: TUCSON State/Province: ARIZONA ZIP Code: 85711-3633 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 148291490 +4: CAGE Code: 3YJV5 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1420 5TH AVE STE 550

City: SEATTLE State/Province: WASHINGTON ZIP Code: 98101-2357 Country: UNITED STATES

DUNS: 147467232 +4: CAGE Code: 3YRG3 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6121 INDIAN SCHOOL RD NE STE

205

City: ALBUQUERQUE State/Province: NEW MEXICO ZIP Code: 87110-4166 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 147466499 +4: CAGE Code: 3YLB8 DoDAAC:

Expiration Date: Jan 9, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 17885 VON KARMAN AVE STE 500

City: IRVINE State/Province: CALIFORNIA ZIP Code: 92614-5800 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 147466226 +4: CAGE Code: 3YLU4 DoDAAC:

Expiration Date: Jan 8, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1020 SW TAYLOR ST STE 530

City: PORTLAND State/Province: OREGON ZIP Code: 97205-2527 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 133231618 +4: CAGE Code: 3F9P2 DoDAAC:

Expiration Date: Jan 8, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6307 CENTER ST # 210

City: OMAHA State/Province: NEBRASKA ZIP Code: 68106-3460 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 147466341 +4: CAGE Code: 3YKZ5 DoDAAC:

Expiration Date: Jan 8, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2969 PROSPECT PARK DR STE 100

City: RANCHO CORDOVA State/Province: CALIFORNIA ZIP Code: 95670-6068 Country: UNITED STATES

DUNS: 146204271 +4: CAGE Code: 3UNM2 DoDAAC:

Expiration Date: Jan 2, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 350 INDIANA ST STE 500

City: GOLDEN State/Province: COLORADO ZIP Code: 80401-5791 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 956640445 +4: CAGE Code: 5D2P7 DoDAAC:

Expiration Date: Jan 2, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 8911 N CAPITAL OF TEXAS HWY

City: AUSTIN State/Province: TEXAS ZIP Code: 78759-7247 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 884733700 +4: CAGE Code: 0NP71 DoDAAC:

Expiration Date: Jan 2, 2019 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3801 AUTOMATION WAY STE 100

City: FORT COLLINS State/Province: COLORADO ZIP Code: 80525-5735 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 080106449 +4: CAGE Code: 0YEM5 DoDAAC:

Expiration Date: Dec 20, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1 S Wacker Dr Ste 3700

City: Chicago State/Province: ILLINOIS ZIP Code: 60606-4651 Country: UNITED STATES

ENTITY Tetra Tech Ec, Inc. Status:Active

DUNS: 121251701 +4: CAGE Code: 3EQZ2 DoDAAC:

Expiration Date: Dec 14, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1093 Commerce Park Dr Ste 100

City: Oak Ridge State/Province: TENNESSEE ZIP Code: 37830-8029 Country: UNITED STATES

DUNS: 182006957 +4: CAGE Code: 1K1C4 DoDAAC:

Expiration Date: Nov 14, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 555 Market St Ste 1500

City: San Francisco State/Province: CALIFORNIA ZIP Code: 94105-5836 Country: UNITED STATES

ENTITY Tetra Tech ES, Inc. Status:Active

DUNS: 009585279 +4: CAGE Code: 1V6K8 DoDAAC:

Expiration Date: Nov 14, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1320 N Courthouse Rd Ste 600

City: Arlington State/Province: VIRGINIA ZIP Code: 22201-2435 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 053029609 +4: CAGE Code: 314S0 DoDAAC:

Expiration Date: Nov 8, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3746 MT DIABLO BLVD STE 300

City: LAFAYETTE State/Province: CALIFORNIA ZIP Code: 94549-3603 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 016712887 +4: CAGE Code: 0GZX4 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 710 AVIS DRIVE

City: ANN ARBOR State/Province: MICHIGAN ZIP Code: 48108-9649 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 806586967 +4: CAGE Code: 1Y4W3 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 415 Oak St

City: Kansas City State/Province: MISSOURI ZIP Code: 64106-1120 Country: UNITED STATES

DUNS: 623919438 +4: CAGE Code: 3NPU4 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 250 W Court St Ste 200W

City: Cincinnati State/Province: OHIO
ZIP Code: 45202-1072 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 010737935 +4: CAGE Code: 3CVA2 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1230 Columbia St Ste 1000

City: San Diego State/Province: CALIFORNIA ZIP Code: 92101-8588 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 805287232 +4: CAGE Code: 493D1 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2969 PROSPECT PARK DR STE 100

City: RANCHO CORDOVA State/Province: CALIFORNIA ZIP Code: 95670-6187 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 783414329 +4: CAGE Code: 551N5 DoDAAC:

Expiration Date: Nov 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 737 Bishop St Ste 2340

City: Honolulu State/Province: HAWAII ZIP Code: 96813-3207 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 077482169 +4: CAGE Code: 1XBB7 DoDAAC:

Expiration Date: Oct 25, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1093 Commerce Park Dr. Ste 100

City: OAK RIDGE State/Province: TENNESSEE ZIP Code: 37830-8029 Country: UNITED STATES

ENTITY TETRA TECH INTERNATIONAL, INC., ZWEIGNIEDERLASSUNG Status:Active

DEUTSCHLAND

DUNS: 341155142 +4: NCAGE Code: CB843 DoDAAC:

Expiration Date: Oct 25, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: FUCHSSTR. 1

City: RODENBACH State/Province:
ZIP Code: 67688 Country: GERMANY

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 078615784 +4: CAGE Code: 6TTA6 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 710 Avis Dr

City: Ann Arbor State/Province: MICHIGAN ZIP Code: 48105-9649 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 803732502 +4: CAGE Code: 09KY8 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 451 PRESUMPSCOT ST

City: PORTLAND State/Province: MAINE ZIP Code: 04103-5237 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 078615613 +4: CAGE Code: 6TB07 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6 Century Dr 3rd Fl

City: Parsippany State/Province: NEW JERSEY ZIP Code: 07054-4611 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 078615616 +4: CAGE Code: 6U6D0 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1 OXFORD VLY STE 200

City: LANGHORNE State/Province: PENNSYLVANIA

ZIP Code: 19047-3311 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 078615610 +4: CAGE Code: 6U4V1 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 160 Federal St 3rd Fl

City: Boston State/Province: MASSACHUSETTS

ZIP Code: 02110-1702 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 078615620 +4: CAGE Code: 6TVR7 DoDAAC:

Expiration Date: Oct 24, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 19803 N Creek Pkwy

City: Bothell State/Province: WASHINGTON ZIP Code: 98011-8214 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 104484345 +4: CAGE Code: 39XX4 DoDAAC:

Expiration Date: Oct 23, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1634 E PORT PLAZA DR

City: COLLINSVILLE State/Province: ILLINOIS
ZIP Code: 62234-6128 Country: UNITED STATES

ENTITY Tetra Tech Tesoro, Inc. Status:Active

DUNS: 119946515 +4: CAGE Code: 1CUV1 DoDAAC:

Expiration Date: Oct 20, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5250 Challedon Dr

City: Virginia Beach State/Province: VIRGINIA ZIP Code: 23462-6304 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 021203638 +4: CAGE Code: 3ZXB0 DoDAAC:

Expiration Date: Oct 19, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1955 EVERGREEN BLVD STE 300

City: DULUTH State/Province: GEORGIA ZIP Code: 30096-1207 Country: UNITED STATES

DUNS: 004695040 +4: CAGE Code: 3EWL1 DoDAAC:

Expiration Date: Oct 19, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 216 16th St Ste 1500

City: DENVER State/Province: COLORADO ZIP Code: 80202-5129 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 045224250 +4: CAGE Code: 078E8 DoDAAC:

Expiration Date: Oct 16, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3475 E FOOTHILL BLVD

City: PASADENA State/Province: CALIFORNIA ZIP Code: 91107-6024 Country: UNITED STATES

ENTITY TETRA TECH MA, INC. Status:Active

DUNS: 964333046 +4: CAGE Code: 65SY7 DoDAAC:

Expiration Date: Oct 12, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6410 ENTERPRISE LN STE 300

City: MADISON State/Province: WISCONSIN ZIP Code: 53719-1143 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 019913487 +4: CAGE Code: 4RZL8 DoDAAC:

Expiration Date: Oct 11, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 700 N SAINT MARYS ST STE 300

City: SAN ANTONIO State/Province: TEXAS ZIP Code: 78205-3512 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 198549560 +4: CAGE Code: 1P0H7 DoDAAC:

Expiration Date: Sep 29, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 10306 EATON PL STE 340

City: FAIRFAX State/Province: VIRGINIA ZIP Code: 22030-2201 Country: UNITED STATES

DUNS: 184052249 +4: CAGE Code: 1TNZ8 DoDAAC:

Expiration Date: Sep 21, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 4940 PEARL E CIR STE 300 W

City: BOULDER State/Province: COLORADO ZIP Code: 80301-6108 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 049180888 +4: CAGE Code: 35EW4 DoDAAC:

Expiration Date: Sep 21, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 200 W Side Square Ste 912

City: Huntsville State/Province: ALABAMA ZIP Code: 35801-4882 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 801215968 +4: CAGE Code: 7HS97 DoDAAC:

Expiration Date: Sep 14, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 201 E Pine St Ste 1000

City: Orlando State/Province: FLORIDA ZIP Code: 32801-2723 Country: UNITED STATES

ENTITY TETRA TECH, iNC. Status:Active

DUNS: 038794855 +4: CAGE Code: 0L0L4 DoDAAC:

Expiration Date: Sep 12, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 45610 WOODLAND RD STE 400

City: STERLING State/Province: VIRGINIA ZIP Code: 20166-4221 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 958760985 +4: CAGE Code: 09NN3 DoDAAC:

Expiration Date: Sep 5, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 45610 WOODLAND RD STE 450

City: STERLING State/Province: VIRGINIA ZIP Code: 20166-4220 Country: UNITED STATES

DUNS: 124408969 +4: CAGE Code: 3W4P2 DoDAAC:

Expiration Date: Aug 23, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 4967 US HIGHWAY 42 STE 210

City: LOUISVILLE State/Province: KENTUCKY ZIP Code: 40222-6363 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 801215935 +4: CAGE Code: 524W3 DoDAAC:

Expiration Date: Aug 17, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 700 N SAINT MARYS ST STE 300

City: SAN ANTONIO State/Province: TEXAS ZIP Code: 78205-1508 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 361267339 +4: CAGE Code: 1HWF1 DoDAAC:

Expiration Date: Aug 2, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1999 Harrison St Ste 500

City: Oakland State/Province: CALIFORNIA ZIP Code: 94612-3599 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 078615632 +4: CAGE Code: 6H7T2 DoDAAC:

Expiration Date: Jul 31, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3200 George Washington Way Ste G

City: Richland State/Province: WASHINGTON ZIP Code: 99354-1664 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 032361763 +4: CAGE Code: 0DV12 DoDAAC:

Expiration Date: Jul 28, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 4750 W 2100 S Ste 400

City: Salt Lake City State/Province: UTAH
ZIP Code: 84120-1271 Country: UNITED STATES

DUNS: 929128015 +4: CAGE Code: 1KRT9 DoDAAC:

Expiration Date: Jul 28, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2525 PALMER ST # 2

City: MISSOULA State/Province: MONTANA ZIP Code: 59808-1744 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 063730840 +4: CAGE Code: 0SCC1 DoDAAC:

Expiration Date: Jul 18, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 618 S 25TH ST

City: BILLINGS State/Province: MONTANA ZIP Code: 59101-4549 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 105569359 +4: CAGE Code: 5NYY9 DoDAAC:

Expiration Date: Jul 18, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1899 Powers Ferry Rd Se Ste 400

City: Atlanta State/Province: GEORGIA ZIP Code: 30339-5619 Country: UNITED STATES

ENTITY Tetra Tech BAS, Inc. Status:Active

DUNS: 120863857 +4: CAGE Code: 02KU9 DoDAAC:

Expiration Date: Jul 11, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1360 Valley Vista Dr

City: Diamond Bar State/Province: CALIFORNIA ZIP Code: 91765-3910 Country: UNITED STATES

ENTITY ARD, INC. Status:Active

DUNS: 004035127 +4: CAGE Code: 1DZF8 DoDAAC:

Expiration Date: Jul 12, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 159 BANK ST STE 300

City: BURLINGTON State/Province: VERMONT ZIP Code: 05401-4410 Country: UNITED STATES

ENTITY ARD, INC. Status:Active

DUNS: 829085617 +4: CAGE Code: 692T6 DoDAAC:

Expiration Date: Jul 6, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 605 MARKET ST STE 800

City: SAN FRANCISCO State/Province: CALIFORNIA ZIP Code: 94105-3210 Country: UNITED STATES

ENTITY Tetra Tech EMC, Inc. Status:Active

DUNS: 139341978 +4: CAGE Code: 1DB04 DoDAAC:

Expiration Date: Jul 3, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 100 Camino Ruiz

City: Camarillo State/Province: CALIFORNIA ZIP Code: 93012-6700 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 121005664 +4: CAGE Code: 1BKS5 DoDAAC:

Expiration Date: Jun 29, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 100 Nickerson Rd 2nd Fl

City: Marlborough State/Province: MASSACHUSETTS

ZIP Code: 01752-4613 Country: UNITED STATES

ENTITY Tetra Tech Utility Construction, Inc. Status:Active

DUNS: 080368856 +4: CAGE Code: 7W4S1 DoDAAC:

Expiration Date: Jun 7, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2817 S 46th St

City: Phoenix State/Province: ARIZONA ZIP Code: 85040-1717 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 968829171 +4: CAGE Code: 6KT93 DoDAAC:

Expiration Date: Jun 15, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1901 S CONGRESS AVE STE 200

City: BOYNTON BEACH State/Province: FLORIDA ZIP Code: 33426-6584 Country: UNITED STATES

ENTITY Tetra Tech, Inc. Status:Active

DUNS: 079446762 +4: CAGE Code: 78YD7 DoDAAC:

Expiration Date: Jun 15, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 251 Recinto Sur, Ste. 206

City: Viejo San Juan State/Province: PUERTO RICO ZIP Code: 00901-1886 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 098422848 +4: CAGE Code: 1XL36 DoDAAC:

Expiration Date: May 17, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6121 INDIAN SCHOOL RD NE STE

200

City: ALBUQUERQUE State/Province: NEW MEXICO ZIP Code: 87110-4166 Country: UNITED STATES

ENTITY TETRA TECH EXPEDITIONARY OPERATIONS, INC. Status:Active

DUNS: 078543024 +4: CAGE Code: 5PG99 DoDAAC:

Expiration Date: May 17, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3475 E FOOTHILL BLVD

City: PASADENA State/Province: CALIFORNIA ZIP Code: 91107-6024 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 824762772 +4: CAGE Code: 54WM9 DoDAAC:

Expiration Date: Apr 25, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1420 Fifth Avenue #600

City: Seattle State/Province: WASHINGTON ZIP Code: 98101-2357 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129970385 +4: CAGE Code: 3EP82 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5550 TRIANGLE PKWY STE 101

City: NORCROSS State/Province: GEORGIA ZIP Code: 30092-6515 Country: UNITED STATES

DUNS: 078617445 +4: CAGE Code: 3KSK4 DoDAAC:

Expiration Date: Apr 5, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1009 Commerce Park Dr 300A

City: Oak Ridge State/Province: TENNESSEE ZIP Code: 37830-8008 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 807362822 +4: CAGE Code: 5ATB9 DoDAAC:

Expiration Date: Feb 23, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 240 CONTINENTAL DR STE 200

City: NEWARK State/Province: DELAWARE ZIP Code: 19713-0000 Country: UNITED STATES

ENTITY Tetra Tech EC, Inc. Status:Active

DUNS: 128974271 +4: CAGE Code: 3EA55 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 6 Century Dr 3Rd Fl

City: Parsippany State/Province: NEW JERSEY ZIP Code: 07054-4611 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 796983893 +4: CAGE Code: 4QVY9 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5700 LAKE WRIGHT DR STE 309

City: NORFOLK State/Province: VIRGINIA ZIP Code: 23502-1860 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 964983659 +4: CAGE Code: 65MZ4 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 5250 Challedon Dr

City: Virginia Beach State/Province: VIRGINIA ZIP Code: 23462-6304 Country: UNITED STATES

ENTITY Tetra Tech EC, Inc. Status:Active

DUNS: 080322623 +4: CAGE Code: 7NT84 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1320 N Courthouse Rd

City: Arlington State/Province: VIRGINIA ZIP Code: 22201-2501 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129749888 +4: CAGE Code: 3ELD5 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 2969 PROSPECT PARK DR STE 100

City: RANCHO CORDOVA State/Province: CALIFORNIA ZIP Code: 95670-6187 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129608217 +4: CAGE Code: 3EG29 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1230 COLUMBIA ST STE 750

City: SAN DIEGO State/Province: CALIFORNIA ZIP Code: 92101-8536 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129970260 +4: CAGE Code: 3EPZ4 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 101 QUALITY CIR NW STE 140

City: HUNTSVILLE State/Province: ALABAMA ZIP Code: 35806-4535 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129790437 +4: CAGE Code: 3ELZ0 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 17885 VON KARMAN AVE # 500

City: IRVINE State/Province: CALIFORNIA ZIP Code: 92614-6213 Country: UNITED STATES

DUNS: 129302597 +4: CAGE Code: 3EEN4 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 19803 N CREEK PKWY

City: BOTHELL State/Province: WASHINGTON ZIP Code: 98011-5768 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129914078 +4: CAGE Code: 3ENS2 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1 OXFORD VLY STE 200

City: LANGHORNE State/Province: PENNSYLVANIA

ZIP Code: 19047-3311 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129468448 +4: CAGE Code: 3EG72 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 160 FEDERAL ST 3RD FL

City: BOSTON State/Province: MASSACHUSETTS

ZIP Code: 02110-1703 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 129844291 +4: CAGE Code: 3EMM1 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1050 NE HOSTMARK ST STE 202

City: POULSBO State/Province: WASHINGTON ZIP Code: 98370-7538 Country: UNITED STATES

ENTITY TETRA TECH EC, INC. Status:Active

DUNS: 119644982 +4: CAGE Code: 3EF09 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 3200 GEORGE WASHINGTON WAY

STE G

City: RICHLAND State/Province: WASHINGTON ZIP Code: 99354-1664 Country: UNITED STATES

DUNS: 129280421 +4: CAGE Code: 3ECT6 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 350 Indiana St Ste 500

City: Golden State/Province: COLORADO ZIP Code: 80401-5097 Country: UNITED STATES

ENTITY TETRA TECH, INC. Status:Active

DUNS: 062740667 +4: CAGE Code: 3JQC5 DoDAAC:

Expiration Date: Mar 3, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 1900 S SUNSET ST STE 1 F

City: LONGMONT State/Province: COLORADO ZIP Code: 80501-6599 Country: UNITED STATES

ENTITY Tetra Tech EC, Inc Status:Active

DUNS: 079325632 +4: CAGE Code: 73KR6 DoDAAC:

Expiration Date: Mar 27, 2018 Has Active Exclusion?: No Debt Subject to Offset?: No

Address: 310 K St Ste 200

City: Anchorage State/Province: ALASKA ZIP Code: 99501-2064 Country: UNITED STATES





# STATE OF ARIZONA



## Office of the CORPORATION COMMISSION

#### CERTIFICATE OF GOOD STANDING

To all to whom these presents shall come, greeting:

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

\*\*\*TETRA TECH, INC.\*\*\*

a foreign corporation organized under the laws of Delaware did obtain authority to transact business in the State of Arizona on the 24th day of June 1998.

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

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

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Arizona Corporation Commission. Done at Phoenix, the Capital, this 5th day of January, 2018, A. D.



Ted Vogt, Executive Director

Bv: 1802310

# STATE OF ARIZONA

BOARD OF TECHNICAL REGISTRATION FIRM REGISTRATION

DITAT D T0328-03

Tetra Tech, Inc.

FIRM NAME

EXPIRES: 42/1/2018

FIRM ADDRESS
4801 E Broadway Boulevard
Suite 521
Tucson, AZ 85711

Engineer Disciplines Civil

Mydeen

MELISSA CORNELIUS EXECUTIVE DIRECTOR FOR THE BOARD