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

1. REVISED ADSPO13-00003465*: Annual Request for Qualifications*

a.	FIRM (OR BRANCH OFFICE) NAME:	Peak Engineering, Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	110 N. Agassiz Street
c.	FIRM (OR BRANCH OFFICE) CITY:	Flagstaff
d.	FIRM (OR BRANCH OFFICE) STATE:	Arizona
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	86001

f.	YEAR ESTABLISHED:	2010

(g1).	OWNERSHIP - TYPE:	Corporation
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	Small Business

h.	POINT OF CONTACT NAME AND TITLE:	Thomas E. Smith, Principal
i.	POINT OF CONTACT TELEPHONE NUMBER:	(928) 774-4046
j.	POINT OF CONTACT E-MAIL ADDRESS:	tom@peakegr.com

k.	NAME OF FIRM *(If block 1a is a branch office)*:	

2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
CADD Technician	P	1	
CIVIL ENGINEER	P	4	
OTHER	P	1	
Total		6	

3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number *(see below)*
10	Construction Management	2
9	Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	1
5	Digital Elevation and Terrain Model Development	1
5	Disability/Special Needs	1
11	Highways; Streets; Airfield Paving; Parking Lots	2
7	Infrastructure	2
10	Irrigation; Drainage	2
4	Outdoor Recreation	1
3	Recreation Facilities (Parks, Marina, Etc.)	1
1	Sewage Collection, Treatment and Disposal	1
5	Storm Water Handling and Facilities	1
3	Specifications Writing	1
4	Traffic and Transportation Engineering	2
11	Urban Renewals; Community Development	2
2	Water Resources; Hydrology; Ground Water	1
3	Water Supply; Treatment and Distribution	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than $10 million
8. $10 million to less than $25 million
9. $25 million to less than $50 million
10. $50 million or greater

4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (*Complete one Section 4 for each key person.)*

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Thomas E. Smith, P.E.	**Project Manager**	**14**	**3.5**

d. FIRM NAME AND LOCATION *(City and State)*

Peak Engineering, Inc. Flagstaff, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S. Civil Engineering, Northern Arizona University

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

P.E. #42777, Arizona, Civil Engineering

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

Leadership in Engineering Administration Program, 2004, ASCE American Society of Civil Engineers, American Council of Engineering Consultants (ACEC)

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
1)	**City of Flagstaff West Street & Arrowhead Avenue Improvement Project, Flagstaff, AZ**	**2012**	**Phase I (2013), Phase 2 (ongoing)**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm		
	The $7M roadway improvement project includes roadway reconstruction and waterline utility replacements on West Street & Arrowhead Avenue, a mile long section of a major collector in Flagstaff. Phase 2, currently under construction, includes the design for a mini-roundabout. Tom, as Project Manager, is responsible for contract, client, and stakeholder management and overall project schedule and budget. Project Cost: ~$7M		
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
2)	**South Grand Canyon Sanitary District Phase 1 Drainage Report, Tusayan, AZ**	**2012**	**N/A**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm		
	Peak Engineering provided a Phase 1 drainage study for 47 SQ miles of drainage area adjacent to the Town of Tusayan. The purpose of the study was to provide recommendations for storm water mitigation on Forest Service property with a series of detention basins. The design fee of $33K was included as part of a Secure Rural Schools Program grant. Tom, as Project Manager presented the Final Phase 1 study to the Tusayan Town Council and to other stakeholders, including the Forest Service. Project Cost: $33,600		
	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
3)	**NAU Center for Aquatics and Tennis, Flagstaff, AZ**	**2013**	**Will start 2014**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm		
	The new aquatics and tennis center at NAU replaces an aging pool facility in the crowded north end of the mountain campus. The newly designed athletic facilities will occupy most of the 6.5 acre site, creating significant grading and drainage challenges. Peak Engineering designed the re-route of a major drainage pipe and incorporated new underground stormwater detention beneath a new outdoor athletic field as well as designed ADA compliant site access. Tom, as Project Manager, was responsible for concept development, and contract and client management. Project Cost: $35M (estimated)		

4)	(1) TITLE AND LOCATION *(City and State)* **Rose Street Improvements, Flagstaff, AZ**	(2) Year Completed Professional Services **2013**	Construction *(if applicable)* **Will start 2014**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE **In 2012, the City of Flagstaff decided to move forward with the last of the original 2006 Street Bond projects on Rose Street. The project included roadway and infrastructure design of 5 city blocks in the Sunnyside neighborhood. Peak Engineering designed horizontal geometry and vertical roadway alignments, taking care to address all driveway connections and side-street match ups. Tom, as Project Manager, was responsible for concept development, and contract and client management. Project Cost: $1.3M (estimated)**	☒ Check if project performed with current firm	
5)	(1) TITLE AND LOCATION *(City and State)* **LDS Cottonwood Stake Center Parking Lot, Cottonwood, AZ**	(2) Year Completed Professional Services **2013**	Construction *(if applicable)* **Currently under construction (70% complete)**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE **The Church of Jesus Christ of Latter-Day Saints had woefully inadequate parking at their Cottonwood Stake Center building. Peak Engineering, as sub to Loren Sadler Architects, designed a new 74 stall parking lot immediately adjacent to the existing lot, along with an outdoor recreation area. The design incorporated 6'+ of fill and retaining walls adjacent to an existing drainage wash. Tom, as Project Manager, was responsible for project management, oversight and final construction documents. Project Cost: Not Available**	☒ Check if project performed with current firm	

4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (*Complete one Section 4 for each key person.)*

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Julie Leid, P.E., LEED AP	**Project Manager**	**11**	**3.5**

d. FIRM NAME AND LOCATION *(City and State)*

Peak Engineering, Inc. Flagstaff, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S. Civil Engineering, Montana State University

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

P.E. #47669, Arizona, Civil Engineering

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

LEED AP, 2009, CSU Green Building Certificate Course, 2009, ACEC Green Infrastructure and Sustainable Communities, 2008
Leadership in Engineering Administration Program, 2010, ACEC
Ex Officio Chairperson Governing Council of USGBC – Northern Arizona Branch, 2013

H. RELEVANT PROJECTS

1)

(1) TITLE AND LOCATION *(City and State)*
NAU (NAREH) Dining Hall Expansion, Flagstaff, AZ

(2) Year Completed

Professional Services	Construction *(if applicable)*
2012	**2013**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Julie, as Project Manager and Engineer of Record led the civil design team as part of a design-build project for a $2.5M Dining Hall Expansion. She was responsible for the technical development of demolition, utility and grading plans and specifications and coordinated with other engineering disciplines including MEP and structural engineering and the Contractor to develop civil plans which fit with the building requirements.

2)

(1) TITLE AND LOCATION *(City and State)*
City of Flagstaff West Street & Arrowhead Avenue Improvement Project, Flagstaff, AZ

(2) Year Completed

Professional Services	Construction (*if applicable)*
2012	**Phase 1 (2013), Phase 2 (ongoing)**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

The $7M roadway improvement project includes roadway reconstruction and waterline utility replacements on West Street & Arrowhead Avenue, a mile long section of a major collector in Flagstaff. Julie, as Senior Project Engineer and Engineer of Record is responsible for leading the internal design team, coordination with sub consultants and regular client communication. Phase 2 design includes concept plans for the development of a mini roundabout.

3)

(1) TITLE AND LOCATION *(City and State)*
Uptown Sedona Pedestrian Improvements, City of Sedona

(2) Year Completed

Professional Services	Construction *(if applicable)*
2013	**Future**

(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE

☒ Check if project performed with current firm

Julie, as Project Manager, was responsible for community outreach, facilitating public meetings and developing concepts and budgets for proposed improvements. The City of Sedona has challenging topography that restricts pedestrian movement from available parking to the important uptown commercial shopping district. Peak Engineering was selected to develop design concepts for improved pedestrian access and present findings to the uptown commercial district business owners in multiple public meetings. Julie, as Project Manager, was responsible for community outreach, facilitating public meetings and developing concepts and budgets for proposed improvements. Project Cost: $24,000 (Study)

4)	(1) TITLE AND LOCATION *(City and State)* **NAU Observatory Fields, Flagstaff, AZ**	(2) Year Completed Professional Services **2013**	Construction *(if applicable)* **2013**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm **NAU's development of a new aquatic center on north campus eliminated a heavily-used recreation field and necessitated the design and construction of new fields near the NAU Observatory. Peak Engineering designed 2 new fields on the site of a poor condition field and adjacent parking lot. The project was a fast track project (designed in less than a month) and constructed by a Job Order Contractor. Peak Engineering provided design and construction management services to assist the team in delivering the final project in 4 months. Project Cost: $1.3M**		
5)	(1) TITLE AND LOCATION *(City and State)* **NAU Fire Life Safety Improvements**	(2) Year Completed Professional Services **Ongoing**	Construction *(if applicable)* **To Be Determined**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm **Northern Arizona University's aging infrastructure is no longer in compliance with requisite fire, life and safety requirements. Improvements and upgrades are required to maintain building occupancy. Peak Engineering was selected to provide water service evaluation and design for over 20 residence hall/community buildings on campus. The project is currently in the design phase with construction anticipated to start in early 2014. Julie, as Project Manager, is responsible for utility evaluation and water service design. Project Cost: To Be Determined**		

4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (*Complete one Section 4 for each key person.)*

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
		1. TOTAL	2. WITH CURRENT FIRM
Caleb Lanting, P.E.	**Project Engineer**	**11**	**2**

d. FIRM NAME AND LOCATION *(City and State)*

Peak Engineering, Inc. Flagstaff, Arizona

e. EDUCATION *(DEGREE AND SPECIALIZATION)*

B.S. Civil Engineering, Northern Arizona University

f. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

P.E. #44706, Arizona, Civil Engineering

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

ACEC Leadership in Engineering Administration Program (LEAP), 2006

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	**City of Flagstaff West Street & Arrowhead Avenue Improvement Project, Flagstaff, AZ**	**2012**	**Phase I (2013), Phase II (ongoing)**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☒ Check if project performed with current firm	
	The $7M roadway improvement project includes roadway reconstruction and waterline utility replacements on West Street & Arrowhead Avenue, a mile long section of a major collector in Flagstaff. Caleb, as Project Engineer, is responsible for the internal design team schedule, managing plan production and tracking the technical details of the project for roadway and grading and intersection design.		

	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
2)	**NAU 2013 Asphalt Parking & Streets, Flagstaff, AZ**	**2013**	**2013**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☒ Check if project performed with current firm	
	Peak Engineering provided design and construction management services for the 2013 Asphalt Parking & Streets project. The project included evaluation of all asphalt parking lots and streets on campus and recommended asphalt rehabilitation for high priority areas. The study provided a plan for rehabilitating deteriorated asphalt in 2013 and subsequent years, depending upon funding availability. Caleb, as Project Engineer, was responsible for technical oversight of the study and design as well as construction management services. Project Cost: $580,795		

	(1) TITLE AND LOCATION *(City and State)*	(2) Year Completed	
		Professional Services	Construction *(if applicable)*
3)	**NAU Center for Aquatics and Tennis, Flagstaff, AZ**	**2013**	**Will start 2014**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE	☒ Check if project performed with current firm	
	The new aquatics and tennis center at NAU replaces an aging pool facility in the crowded north end of the mountain campus. The newly designed athletic facilities will occupy most of the 6.5 acre site, creating significant grading and drainage challenges. Peak Engineering designed the re-route of a major drainage pipe and incorporated new underground stormwater detention beneath a new outdoor athletic field as well as designed ADA compliant site access. Caleb, as Project Engineer, was responsible for all technical design and project team coordination. Project Cost: $35M (estimated)		

4)	(1) TITLE AND LOCATION *(City and State)* **Rose Street Improvements, Flagstaff, AZ**	(2) Year Completed Professional Services **2013**	Construction *(if applicable)* **Will start 2014**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm **In 2012, the City of Flagstaff decided to move forward with the last of the original 2006 Street Bond projects on Rose Street. The project included roadway and infrastructure design of 5 city blocks in the Sunnyside neighborhood. Peak Engineering designed horizontal geometry and vertical roadway alignments, taking care to address all driveway connections and side-street match ups. Caleb, as Project Engineer, was responsible for technical design and project team coordination. Project Cost: $1.3M (estimated)**		
5)	(1) TITLE AND LOCATION *(City and State)* **City Engineer, City of Holbrook**	(2) Year Completed Professional Services **Ongoing**	Construction *(if applicable)* **N/A**
	(3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE ☒ Check if project performed with current firm **For the past 5 years, Caleb Lanting has served as the representative City Engineer for the City of Holbrook, Arizona. His duties include project development and project management, as well as representing the city at various meetings where public works projects are discussed. This ongoing assignment includes managing ADOT projects within the city limits, on behalf of the city. Caleb, as Project Manager, is responsible for maintaining client coordination and project management. Project Cost: N/A**		

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

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

a. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
West Street & Arrowhead Avenue Improvements, Flagstaff, AZ	PROFESSIONAL SERVICES **2012**	CONSTRUCTION *(If applicable)* **2012 (Phase I)** **Phase II ongoing**

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
City of Flagstaff	**Phase 1 - $2.7M, Phase 2 - $4.4M**	**Phase 1 - $2.7M (complete), Phase 2 - $4.4M (50% complete, on budget)**

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

Discipline: Civil Engineering

The project includes full roadway reconstruction, the addition of sidewalk, storm drain, and curb and gutter along West Street & Arrowhead Avenue, a mile long section of a major collector in Flagstaff's historic Sunnyside neighborhood. Utility improvements include a new water main, sewer manhole replacements and the addition of upgraded street lighting to meet current lighting standards. Phase 1 Design and construction is complete. Phase 2 design is complete and included the design for a mini-roundabout and coordination with ADOT at the intersection of Arrowhead and Route 66.

The new sidewalk and parkway will improve safety for pedestrians and the corridor landscaping will provide for aesthetic improvements in the mixed residential and business area. The new stormdrain system, concrete driveways and curb and gutter will minimize stormwater run-off for residents, which has been a significant problem for many years.

Peak Engineering is the prime consultant and leads a multi-disciplined team including supporting civil and transportation engineers. Peak Engineering is providing civil engineering in-house for grading, roadway, intersection design and ADA ramps and waterline design. Peak Engineering was also responsible for organizing and presenting the design concept at two public open houses.

The new roadway design generally lowered the road profile to accommodate drainage; the resulting driveway match-ups required coordination with property owners to minimize impact. Peak Engineering developed 13 intersection grading and match-up designs for the cross streets to provide for smooth transitions to existing pavement conditions. Peak Engineering worked with the City of Flagstaff to develop solutions for parcels impacted beyond the right of way.

Experience Emphasis:

Construction Management
Cost Estimating
Digital Terrain Model Development
Highways; Streets
Infrastructure
Specifications Writing
Traffic & Transportation Engineering
Urban Renewals; Community Development
Water Supply; Treatment and Distribution

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

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

b. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
NAU Observatory Fields Renovations, Flagstaff, AZ	PROFESSIONAL SERVICES **2013**	CONSTRUCTION *(If applicable)* **2013**

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Northern Arizona University	**$999,712**	**$1,355,000 (due to owner requested additions)**

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

Discipline: Construction Services

Peak Engineering was responsible for all civil engineering for the renovation and transformation of an existing field and parking lot into two new student recreation fields. The fields are designed for soccer, flag football, ultimate Frisbee and quidditch. Peak Engineering was the prime consultant and provided planning and budgeting services all the way through construction phase services and project completion.

The project was delivered using Job-Order Contracting and Peak Engineering worked closely with CORE Construction to perform preliminary budgeting, source materials and deliver phased design documents on a very aggressive schedule. The design phase of the project began in May 2013 and construction was completed in November 2013. Design elements included retaining walls, reclaimed water irrigation, a field under-drain and stormdrain collection system, slope stabilization and perimeter landscaping.

Peak Engineering provided construction phase support services on the fast-track project. This effort included daily site visits, responses to RFIs, pay application reviews, materials reviews and quality control testing coordination.

A significant site challenge included shallow bedrock and nearly 25' of elevation change across the site. Early in design, we worked with CORE Construction and their masonry subcontractor to evaluate retaining wall heights and footing types to minimize costs. During construction, we worked with our team to modify and adapt the footings based on rock depths. We were able to provide quick turnarounds of exhibits and specifications based on the field conditions to avoid any delay in construction. Approximately mid-way through construction of the retaining walls, NAU approached the team and asked if we could use salvaged sandstone from a recently demolished building as a veneer on the wall. We worked with the team to provide additional structural details and adapt the fencing anchor plates to accommodate the sandstone. Now complete, the walls have become a strikingly beautiful element of the renovation and complement NAU's historic material palette.

Experience Emphasis:

Construction Management
Digital Terrain Model Development
Irrigation; Drainage
Outdoor Recreation
Recreation Facilities (Parks, Marinas, Etc.)

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

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

c. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
2013 Asphalt Parking & Streets, Flagstaff, AZ	**2013**	**2013**

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Northern Arizona University Facility Services	**$398,167 ($283,182 Streets, $114,985 Parking)**	**$580,795 (due to owner requested additions) ($328,673 Streets, $252,122 Parking)**

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

Discipline: Construction Services

Peak Engineering was selected in early 2013 to provide engineering design and construction phase services for the 2013 Asphalt Parking Lots and Streets project. The project was developed and delivered in two parts to accommodate different funding sources and was subsequently bid and awarded to separate contractors for summer 2013 construction. The funding sources were fluid and required flexibility in the approach to project delivery. Peak Engineering developed biddable construction documents with additive alternates for flexibility in award.

Both project components included a similar base scope of services; a visual asphalt evaluation of all parking lots and streets on the mountain campus, priority development for 2013 repairs, preparation of construction documents and construction administration. During design, Peak worked closely with NAU Facility Services and Parking Services to evaluate cost considerations. The result was a detailed plan that considered asphalt repair and rehabilitation methods and the costs associated with each. This plan was presented to NAU for review and approval and will be utilized in future years as additional funding becomes available.

Peak Engineering represented the owner (NAU) and provided part-time construction administration during construction of both project components. NAU utilized Job-Order Contracting to deliver both project components. Peak worked closely with the NAU Project Manager and both General Contractors to provide necessary field engineering support, responses to Requests for Information (RFI), pay application reviews and directing weekly construction meetings.

Both projects were delivered on-budget and on-schedule. As a result of the excellent project performance, NAU awarded additional additive alternates on both project components, effectively doubling the original contract amounts. This added significant value to the University in mobilization and overhead savings.

Experience Emphasis:

Construction Management
Cost Estimating
Disability/Special Needs
Highways; Streets; Parking Lots

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

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

f. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
NAU Central Campus Pedway, Flagstaff, AZ	**2012**	**2012**

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Northern Arizona University	**$1,236,953**	**$2,214,849 (due to owner requested additions)**

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

Discipline: Civil Engineering

Peak Engineering led a multi-disciplinary team including landscape architects, structural and electrical engineers, responsible for completing the 2011 priority areas on an aggressive design schedule with multiple construction phases. 2011 priority areas were substantially complete in December, 2011. The Pedway project requires continual coordination with other campus projects and multiple university stakeholders including campus administration, facilities, grounds, utility trades departments, and the fire marshal.

Peak Engineering is responsible for all civil engineering and multi-modal transportation engineering. Peak Engineering also provided near full-time construction administration and worked extensively with the Construction Manager at Risk (CMAR) contractor and NAU's Project Manager to provide field engineering support, responses to Requests for Information (RFIs), field changes and construction observation for the 2011 priority areas.

Providing the University with cohesive design solutions required attention to drainage elements at match limits, interim design solutions and extensive coordination with multiple design professionals and contractors to ensure the project design incorporated elements from adjacent projects. The project is also a renovation and reconstruction project along a corridor with many constraints where grading, drainage and ADA accessibility issues are project challenges.

Peak Engineering developed grading and paving plans which satisfied ADA requirements with minimal impact to utilities. With support of structural engineering, Peak Engineering addressed the challenge of accommodating the fire truck access and turning movements over an aging steam tunnel with modified structural pavement sections and grade constraints of the tunnel lid.

Design considerations for access to existing building entrances, athletic field use, and other ongoing construction projects at the time (Native American Cultural Center and Transit Spine) meant that Peak Engineering developed final plans to address the peripheral uses and conditions along the Pedway.

Experience Emphasis:

Construction Management
Cost Estimating
Disability/Special Needs
Infrastructure
Irrigation; Drainage
Traffic and Transportation Engineering

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

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

g. TITLE AND LOCATION *(City and State)*	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
South Grand Canyon Sanitary District Phase 1 Drainage Report, Tusayan, AZ	**2012**	**N/A**

23. PROJECT OWNER'S INFORMATION

c .PROJECT OWNER	d .DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
South Grand Canyon Sanitary District	**$33,600 (Study)**	**$33,600 (Study complete)**

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

Discipline: Civil Engineering

Each year, the Town of Tusayan experiences widespread flooding within the town limits. The flooding has been responsible for negative impacts to both private and public property and has become a significant problem to be resolved. The South Grand Canyon Sanitary District spear-headed an effort to obtain grant funding through the National Forest Service to study the impact of offsite runoff from the Kaibab National Forest on the Town's flooding problem.

Peak Engineering (PEI) prepared a Phase 1 Drainage Report of approximately 49 Square Miles along several washes that bisect the Town of Tusayan. The study provided supporting calculations, recommendations for size and location of basins and supporting maps and exhibits. The study was conducted in accordance with the Coconino County Drainage Criteria Manual. The results of the drainage study found that the offsite runoff was a contributing factor to the flooding but that a more comprehensive study of the area would be required to fully address the Town's flooding problems. PEI presented the drainage study information to the Kaibab District Ranger and Tusayan Town Council to recommend moving forward with the NEPA process and to facilitate dialogue about long term drainage challenges in the area.

Experience Emphasis:

Cost Estimating
Stormwater Handling and Facilities
Water Resources; Hydrology; Ground Water

6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. *(ATTACH ADDITIONAL SHEETS AS NEEDED.)*

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	75%
b.	Percentage of Total Work Attributable to Non-Government Work:	25%

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

Signature: Thomas E. Smith Date: December 12, 2013

Name: Thomas E. Smith Title: Principal