

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

(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:	Woodson Engineering & Surveying Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	124 N. Elden Street
c.	FIRM (OR BRANCH OFFICE) CITY:	Flagstaff
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	86001
f.	YEAR ESTABLISHED:	1994
(g1).	OWNERSHIP - TYPE:	Corporation
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	yes
h.	POINT OF CONTACT NAME AND TITLE:	Jeff Swan, Senior Project Manager
i.	POINT OF CONTACT TELEPHONE NUMBER:	928-774-4636
j.	POINT OF CONTACT E-MAIL ADDRESS:	jswan@woodsoneng.com
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	

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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Engineer Services	P	9	
Land Surveying Services	P	2	
Land Surveying Services	S	4	
Other	P	2	
Total		17	

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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)
6	Area Master Planning	3
11	Construction Management	2
7	Construction Surveying	1
1	Dining Halls; Clubs; Restaurants	1
2	Educational Facilities; Classrooms	1
1	Environmental Impact Studies, Assessments or Statements	1
13	Highways; Streets; Airfield Paving, Parking lots	4
6	Housing (Residential, Multi-Family; Apartments)	4
7	Land Surveying	1
2	Recreational Facilities (Parks, Marinas, Etc.)	1
1	Rivers; Canals; Waterways; Flood Control	1
1	Solid Wastes; Incineration; Landfill	1
12	Traffic and Transportation Engineering	2
20	Topographic Surveying and Mapping	1
7	Water Supply; Treatment and Distribution	1

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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

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

a. NAME Mark W. Woodson		b. ROLE IN THIS CONTRACT Project Principal		c. YEARS EXPERIENCE	
		1. TOTAL 35	2. WITH CURRENT FIRM 19.5		
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ					
e. EDUCATION (DEGREE AND SPECIALIZATION) BSCE (Civil Engineering) University of Arizona MBA, University of Arizona			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona, Professional Engineer (Civil), #14855 Arizona, Registered Land Surveyor, #16630		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Fellow, American Society of Civil Engineers, 2002 John C. Park Outstanding Civil Engineer					
H. RELEVANT PROJECTS					
1)	(1) TITLE AND LOCATION (City and State) Contract City Engineer, City of Winslow, Winslow, AZ		(2) Year Completed		
			Professional Services Ongoing	Construction (if applicable) Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Serves as the contract City Engineer. As the engineer, advised staff on engineering related projects. Assisted in the management of capital projects for both design and construction. Reviewed and approved developer projects and coordinated with developer's engineers.		<input checked="" type="checkbox"/> Check if project performed with current firm			
2)	(1) TITLE AND LOCATION (City and State) Flagstaff Unified School District, Flagstaff, AZ		(2) Year Completed		
			Professional Services Ongoing	Construction (if applicable) Ongoing	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal in charge for on-call services for capital and adjacent-ways improvements throughout the district		<input checked="" type="checkbox"/> Check if project performed with current firm			
3)	(1) TITLE AND LOCATION (City and State) Coconino Community College, Flagstaff, AZ		(2) Year Completed		
			Professional Services 2004	Construction (if applicable) 2004	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planning, design and construction of a new \$19M Campus on 40 Acres. This project took years to develop. Mark was involved with the preliminary planning, continued through design, and provided construction related services. Site improvements included water, sewer, streets, sidewalks and all other general improvements that make a final campus.		<input checked="" type="checkbox"/> Check if project performed with current firm			
4)	(1) TITLE AND LOCATION (City and State) Contract City Engineer, City of Holbrook, Holbrook, AZ		(2) Year Completed		
			Professional Services 2008	Construction (if applicable) 2008	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the contract City Engineer, assisted with various municipal projects. As the engineer, advised city staff on engineering related projects. Assisted in the management of capital projects for both design and construction. Reviewed and approved developed projects and coordinated with the developer's engineers.		<input checked="" type="checkbox"/> Check if project performed with current firm			
5)	(1) TITLE AND LOCATION (City and State) City of Flagstaff City Engineer, Flagstaff, AZ		(2) Year Completed		
			Professional Services 1993	Construction (if applicable) 1993	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Served as the City Engineer for the City of Flagstaff. In that role, supervised: Private Development Review, Capital Improvements, Traffic Engineering, Materials Testing, Inspection, Survey and Contracts Administration. He also served as the liaison for the City with NAU and other local agencies for related and co-funded construction projects during that period.		<input checked="" type="checkbox"/> Check if project performed with current firm			

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

a. NAME Rick Schuller		b. ROLE IN THIS CONTRACT Associate Principal		c. YEARS EXPERIENCE	
				1. TOTAL 23	2. WITH CURRENT FIRM 13
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ					
e. EDUCATION (DEGREE AND SPECIALIZATION) University of Minnesota, BS Civil Engineering			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Minnesota - Civil, #24709 Professional Engineer, Arizona - Civil, #34537		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Northern Arizona Builders Association, Arizona Floodplain Managers Assoc., American Society of Civil Engineers					
H. RELEVANT PROJECTS					
1)	(1) TITLE AND LOCATION (City and State) Flagstaff 2010 Bond Beaver St and Leroux St., Flagstaff, AZ			(2) Year Completed	
				Professional Services 2012	Construction (if applicable) 2012
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Utility and streetscape design for sewer, water, interceptor sewer, streets, curb & gutter, ADA ramps and analysis of local drainage and hydrologic and hydraulics conditions of existing drainage systems in area. Performed joint constructability review of all components with contractor. Work included topographic and location survey, field investigation of existing drainage infrastructure and alternative analysis and design construction services. Design Cost \$250,000, Construction Cost \$2.4 million. Project delivery is CMAR					
2)	(1) TITLE AND LOCATION (City and State) Northern Arizona Intergovernmental Public Transportation Authority (NAIPTA) Transit Link Project, Flagstaff, AZ			(2) Year Completed	
				Professional Services 2011	Construction (if applicable) 2012
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A design/build project, which, teamed Woodson Engineering with a national engineering firm and a large Arizona contractor. Woodson Engineering provided the survey and mapping work used to develop project base maps. We also provided drainage and utility design work for this entire project which consisted of a new roadway servicing the transit link right through the existing NAU campus along with new updated bus stops in the Flagstaff downtown area and Woodlands Village. The City of Flagstaff, NAIPTA and NAU were all partners in this Federally and locally funded project. Size: 5 miles. Design Cost \$370,413, Construction Cost \$4.2 million.					
3)	(1) TITLE AND LOCATION (City and State) Southside Improvement Project, City of Flagstaff On-Call, Flagstaff, AZ			(2) Year Completed	
				Professional Services 2008	Construction (if applicable) 2010
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided surveying, planning and engineering services on a traffic calming street and sidewalk restoration project as part of our On-Call Contract with the City of Flagstaff. Scope includes curb bumpouts, street reconstruction or pavement overlay, sidewalks, lighting, trees and street furniture. Rick was the project manager for this multifaceted, complex project. The estimated construction cost is \$1 million.					
4)	(1) TITLE AND LOCATION (City and State) Flagstaff Unified School District, Sinagua High School: New Athletic Field, Track, Parking Lot Addition and Reconstruction, Flagstaff, AZ			(2) Year Completed	
				Professional Services 2009	Construction (if applicable) 2009
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided surveying, planning and engineering services for a new artificial multi-use field and track and for a parking lot addition and a parking lot reconstruction project as part of our On Call Services. Rick is project manager for these projects which included stormwater management for the fields and parking lots. We performed parking lot layout and circulation planning including student access and ADA access. Construction cost is \$1.3 million..					
5)	(1) TITLE AND LOCATION (City and State) Coconino Community College, Flagstaff, AZ			(2) Year Completed	
				Professional Services 2004	Construction (if applicable) 2004
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm As the project manager, Rick was responsible for the coordination and design of the offsite improvements and for civil construction administration of the new Flagstaff Campus. Woodson was responsible for design of the civil improvements for the campus including the access road, pedestrian and bicycle access and intersection improvements at Lone Tree Road.					

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

a. NAME Jeff Swan	b. ROLE IN THIS CONTRACT Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 41	2. WITH CURRENT FIRM 7
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE (Civil Engineering) California Polytechnic Univ. MPA, Northern Arizona University		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona, Professional Engineer (Civil), #10518 Arizona, Registered Land Surveyor, #17524 Certified Floodplain Manager through AFPM	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member ASCE, Member Intertribal Transportation Association Member Arizona Intelligent Transportation System			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) City of Winslow Floodplain Mapping, Winslow AZ	(2) Year Completed	
		Professional Services Underway	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed the floodplain study process resulting in modifications to the existing floodplain maps. Approximately 900 properties are beneficially impacted.		
2)	(1) TITLE AND LOCATION (City and State) Ruby Wash Diversion Levee Recertification, Winslow, AZ	(2) Year Completed	
		Professional Services Underway	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed the levee recertification process in accordance with FEMA and Corps of Engineers requirements. Levee was recertified in 2010. FEMA is in the process of revising the Floodplain Maps.		
3)	(1) TITLE AND LOCATION (City and State) Snowflake - Concho Road, Snowflake, AZ	(2) Year Completed	
		Professional Services 2011	Construction (if applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed the design and construction of the widening and rehabilitation of 1 mile of roadway. Construction Cost was \$411,000..		
4)	(1) TITLE AND LOCATION (City and State) Economic Development along SR 77, Taylor, AZ, AZ	(2) Year Completed	
		Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed the design of widening and signalization of a state highway for commercial development occurring along the highway. Project partially funded by a Department of Commerce grant. Construction contract was \$322,221.		
5)	(1) TITLE AND LOCATION (City and State) Arizona Department of Transportation District Engineer, Holbrook, AZ	(2) Year Completed	
		Professional Services 2003	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Managed the operations, construction program, and administrative programs for the Holbrook District including developing and supporting county, municipal and tribal transportation projects. Major projects included widening of SR 264 in Window Rock, construction of Querino Wash Bridge on I-40, assisting in attaining and constructing Transportation Enhancement projects in Holbrook, Winslow, and Kayenta.		

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

a. NAME James A. Folkers	b. ROLE IN THIS CONTRACT Survey Manager	c. YEARS EXPERIENCE	
		1. TOTAL 39	2. WITH CURRENT FIRM 2.75
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) DeVry Institute of Technology Northern Arizona University, BS		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Arizona, Registered Land Surveyor, #18215	

g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Arizona Professional Land Surveyors Assoc, Arizona Professional Land Surveyors Education Foundation, Arizona Board of Technical Registration Enforcement Advisory Committee Member, Public Land Survey System Education Foundation, National Society of Professional Surveyors, Western Federation of Professional Surveyors.

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) City of Flagstaff, Butler Avenue Medians, Flagstaff, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm With tough traffic and weather conditions, we performed a topographical survey of Butler Avenue, gathering needed information allowing our engineering team to evaluate and design landscape medians improvements along Butler Avenue between Beaver Street and Lone Tree Road.		

2)	(1) TITLE AND LOCATION (City and State) City of Flagstaff, South Beaver St & South Leroux St, Flagstaff, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A detailed topographical survey of South Beaver and South Leroux in downtown Flagstaff was performed. The survey information guided our engineering team to complete construction and utility documents for the City of Flagstaff. We also performed construction staking on the project. Size 7 Blocks. Design Cost \$250,000, Construction Cost \$2.4 million		

3)	(1) TITLE AND LOCATION (City and State) Cedar Ridge, Flagstaff AZ	(2) Year Completed	
		Professional Services 2011	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provide survey services consisting of construction staking of the access road. This work included set-up calculations based on the plans and plate3 of the Presidio in the Pines project for control and typing this together in the field with the Cedar Ridge subdivision. We provided one set of centerline offset stakes with cuts/fills to finish grade. We performed a topographic survey of Detention Basins 2 and 6 including the outlet structures elevations for the purpose of verifying the as-constructed storage volumes of the basins. The civil construction is approximately \$4 million.		

4)	(1) TITLE AND LOCATION (City and State) City of Flagstaff - Various, Flagstaff, AZ	(2) Year Completed	
		Professional Services 2011	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Numerous boundary, control and topographic surveys for various projects including Pulliam Airport Water Storage Tank, Flagstaff Urban Trail System, Reclaimed Waterline, Rio Homes, Sunnyside Improvements Phase II, and LiDAR mapping elevation project evaluation.		

5)	(1) TITLE AND LOCATION (City and State) HDR, Twin Arrows, AZ	(2) Year Completed	
		Professional Services 2011	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Photogrammetric control survey, ALTA/ACSM Land Title Survey, and easement descriptions for new casino site.		

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

a. NAME Dennis Hattem	b. ROLE IN THIS CONTRACT Project Manager Civil Engineering & Design	c. YEARS EXPERIENCE	
		1. TOTAL 36	2. WITH CURRENT FIRM 10
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSCE, Worcester Polytechnic Institute, MA International Development & Appropriate Technology University of Pennsylvania		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (Civil), Arizona, #32726 Professional Engineer (Civil), New York Professional Engineer (Civil), Pennsylvania Professional Engineer (Civil), New Jersey	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member: American Society of Civil Engineers.			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	Renaissance 3, City of Winslow Street Improvements, Winslow, AZ	2011	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This \$1.5 million dollar project involves the realignment of existing city streets, medians and sidewalks to allow a safer flow of traffic and control of drainage in the eastern gateway of Winslow, Arizona. The project connected an existing ADOT interchange on I-40 to the existing network of downtown streets.		
2)	NAU South Campus Drainage Study/Northern Arizona University, Flagstaff AZ	2011	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared an assessment of the existing stormwater drainage capabilities of the South Campus area (167 acres) of NAU. Hydrologic and hydraulic software were used to determine runoff rates of storms up to 100 year frequency; analyze the capability of existing hydraulic facilities to handle these flows; and make recommendations for further studies. Engineer's cost estimate for the upgrade of these facilities was also included. The final report is now being used by NAU as a method of determining the areas where detailed surveys and analysis are required to alleviate flooding problems in the area. The project encompassed the entirety of South Campus from the Sinclair Wash south. This included analyzing all drainage structures for capacity. The project cost was \$30,000 and was completed within one years' time after numerous meetings with NAU staff on format and information to be included.		
3)	City of Winslow, Arizona Street Maintenance, Phase I	2009	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The two major thoroughfares through downtown Winslow were a part of Historic Route 66. The roads in this area of town are constructed of portland cement concrete pavement (PCCP) and had not received any major maintenance for the last 30 years. Mr. Hattem was project manager for the design of this \$1.1 million construction project which consisted of milling the adjacent PCCP panels to specific smoothness standards and sealing the joints with silicone and hot asphalt sealers.		
4)	Reconstruction of Country Club Road, City of Williams, AZ	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project involved the design and construction administration of 1.6 miles of an asphalt concrete urban collector road in the City of Williams. Construction cost was \$1.34 million dollars. Mr. Hattem was the Project Manager for the job. This project won the APWA North Arizona Branch Project of the year.		
5)	The Sanctuary Subdivision, Flagstaff, Arizona	2008	2008
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mr. Hattem was the Project Manager for this 21 unit subdivision off of Lake Mary Road in Flagstaff. The project involved the design of new roads and complete sewer collection and water distribution piping for all of the lots. The design required that all relevant City and State (ADEQ) regulations be strictly followed. Construction cost for this project was \$0.95 million.		

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

a. NAME Alicia Stoffers	b. ROLE IN THIS CONTRACT Design Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 11	2. WITH CURRENT FIRM 11
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering with Emphasis in Environmental Engineering Northern Arizona University		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (Civil), Arizona, #49953	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
1)	Southside Improvement Project, City of Flagstaff On Call Flagstaff, AZ	Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided surveying, planning and engineering services on a traffic calming street and sidewalk restoration project as part of our On-Call Contract with the City of Flagstaff. Scope included curb bumpouts, street reconstruction or pavement overlay, sidewalks, lighting, trees and street furniture. . Size: 8 city blocks. Design Cost \$143,205, Construction Cost \$1.397 million (included 100% Rebuild of AC)		
2)	Winslow Southside Water, Winslow, AZ	Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Southside Waterline project was designed for the City of Winslow. The waterline was constructed to replace aging infrastructure and provide additional redundancy to the system needed for the Southside neighborhood in Winslow, AZ. Woodson Engineering also designed and obtained permits from BNSF for two borings of the waterline under the BNSF railroad tracks.		
3)	NAIPTA Transit Link Project, Flagstaff, AZ	Professional Services 2011	Construction (if applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This design/build project teamed Woodson Engineering with Jacobs Engineering and Hunter Contracting. Alicia Stoffers was the design engineer for drainage and utility work for this project which consisted of a new transit link through NAU campus along with new updated bus stops in the Flagstaff downtown area and Woodlands Village. Size: 5 miles. Design Cost \$370,413, Construction Cost \$4.2 million		
4)	City of Winslow Utility Mapping and Modeling, Winslow, AZ	Professional Services Ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Mapping & Modeling of the existing water and sewer infrastructure for the entire public utilities system for the City of Winslow.		
5)	Ridge at Clear Creek, Flagstaff, AZ	Professional Services Ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Engineering services necessary to provide for the planning, development review board approval, platting and construction documents to construct 17 apartment buildings. The civil construction is approximately \$4 million. This project is very complex with many different variables required to be incorporated into the project. These include future right of way for a Lone Tree Road traffic interchange, numerous easements, connection to Forest Service Research Station waterline, Low Impact Development Criteria for Storm Water Management, offsite sanitary sewer in ADOT right of way and resource preservation requirements.		

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a. NAME John Carr		b. ROLE IN THIS CONTRACT Design Engineer		c. YEARS EXPERIENCE	
				1. TOTAL 16	2. WITH CURRENT FIRM 2.5
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ					
e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, Northern Arizona University BA History, University of Arizona			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (Civil) Arizona, 41918 Certified Floodplain Manager through AFPM		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Northern Arizona Branch of ASCE AzSCE Board of Directors					
H. RELEVANT PROJECTS					
1)	(1) TITLE AND LOCATION (City and State) City of Flagstaff Sanitary Manhole Tops and Invert Project, Flagstaff, AZ			(2) Year Completed	
				Professional Services Ongoing	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided survey topographic elevation services consisting of providing elevations of existing manhole infrastructure including top rim elevations, center of manhole horizontal locations, pipe invert elevations (all in and out) for use in building a more accurate sewer model for the City. The elevation information will be directly inputted into the City GIS database.			<input checked="" type="checkbox"/> Check if project performed with current firm	
2)	(1) TITLE AND LOCATION (City and State) Winslow Renaissance on Route 66, Winslow, AZ			(2) Year Completed	
				Professional Services 2011	Construction (if applicable) 2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer/Manager for a traffic enhancement project which includes all aspects of the roadway including renovation of PCCP and AC pavement, new safety extensions and sidewalks, landscaping, street furniture and ADA ramps.			<input checked="" type="checkbox"/> Check if project performed with current firm	
3)	(1) TITLE AND LOCATION (City and State) City of Winslow Physical Map Revision, Winslow, AZ			(2) Year Completed	
				Professional Services 2012	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer for Physical Map Revision (PMR) for submittal to FEMA in order to remove properties that were in a Zone A floodplain with the decertification of the Winslow Levee (Little Colorado River Levee) in east Winslow. This work included HEC-RAS floodplain modeling, preparation of a Technical Support Data Notebook, and extensive coordination with FEMA			<input checked="" type="checkbox"/> Check if project performed with current firm	
4)	(1) TITLE AND LOCATION (City and State). McMillan Mesa Village, Flagstaff, AZ			(2) Year Completed	
				Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Engineer for the development of approximately 146 acres of land. This project involved the preparation of bid-ready construction documents and construction management/administrative services for the construction of approximately 9,866 feet of water main, 7,900 feet of sewer main, 7,100 feet of new or on-site roadways and 5,500 feet of public offsite roadway improvements.			<input type="checkbox"/> Check if project performed with current firm	
5)	(1) TITLE AND LOCATION (City and State)			(2) Year Completed	
				Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE			<input type="checkbox"/> Check if project performed with current firm	

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

a. NAME Mike Farley	b. ROLE IN THIS CONTRACT Design Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 14	2. WITH CURRENT FIRM .5
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying, Flagstaff, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, Arizona State University		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer (Civil) Arizona, 42736 Professional Engineer (Civil) Colorado, 45679	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
	Flagstaff Sanitary Manhole Assessment Project, Flagstaff, AZ	Professional Services Ongoing	Construction (if applicable)
1)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This work consists of providing a manhole condition assessment for a portion of the existing City sanitary sewer system, (over 270 manholes), for the purpose of extrapolating the findings to the overall system to determine future capital expenditures related to rehabilitation and replacement of system manholes. For this project we provided visual condition assessment of each manhole, pole camera documentation of the manholes, and documenting the level of distress encountered at each manhole.		
	(1) TITLE AND LOCATION (City and State) Arizona State Land Department, Phoenix, AZ	Professional Services 2013	Construction (if applicable)
2)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Performed coordination/review of engineer studies which involved State Trust Land (STL) consisting of drainage, transportation, water and wastewater infrastructure master planning.		
	(1) TITLE AND LOCATION (City and State) City of Surprise 16 inch Reclaim Water Main, Cactus Rd, Litchfield Rd to Dysart Rd Surprise, AZ	Professional Services	Construction (if applicable)
3)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Engineer of Record in charge of the preparation of construction plans for 1 mile of a new 16 inch reclaimed water distribution main. Oversee utility coordination, identifying pipeline horizontal and vertical alignment. Coordinate with EIT & drafter internally and suppliers, the BNSF Railroad, other consulting engineers and city personnel externally. Performed opinion of probably cost estimates for new reclaimed water main. Coordinated the MCESD submittal in order to obtain an Approval to Construct permit from Maricopa County. Aided the City of Surprise in obtaining a railroad permit for installing infrastructure underneath an existing railroad.		
	(1) TITLE AND LOCATION (City and State) City of Cottonwood Water Systems Evaluation, Cottonwood, AZ	Professional Services	Construction (if applicable)
4)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Responsibilities included water quality, financial, and hydraulic analysis of three private water companies in Cottonwood. This study utilized engineering economics to establish present worth of each company based on age, expected lifespan, and condition of equipment. Performed current water demands analysis throughout the study area to be used in WaterCAD in order to accurately model each water system.		
	(1) TITLE AND LOCATION (City and State)	Professional Services	Construction (if applicable)
5)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm		

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

a. NAME Chris Hull		b. ROLE IN THIS CONTRACT Survey Project Manager		c. YEARS EXPERIENCE	
				1. TOTAL 18	2. WITH CURRENT FIRM 5
d. FIRM NAME AND LOCATION (City and State) Woodson Engineering & Surveying					
e. EDUCATION (DEGREE AND SPECIALIZATION) Denver Institute of Technology Surveying and Mapping			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Registered Land Surveyor, Arizona, #39469 Registered Land Surveyor, Utah, #56141302201 Registered Land Surveyor, Colorado #37951		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Arizona Professional Land Surveyors					

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	Peabody Mapping Survey, Kayenta, AZ	2011	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chris was responsible for setting and locating the aerial targets used to map 11 miles of road for the Peabody Coal Mine on the Navajo Reservation, a corridor of 800 feet wide centered on Navajo Route 41 from the Highway 160 intersection south to where the Black Mesa Haul Road and NR 41 intersect.		
2)	City of Flagstaff Beaver & Leroux Survey, Flagstaff, AZ	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chris did a detailed topographic survey of Beaver and Leroux Streets in downtown to aid in the design of new utility lines and road improvement. The survey information guided the engineering team to complete construction and utility documents for the City of Flagstaff. Chris also performed construction staking on the project.		
3)	NAIPTA Mountain Links, Flagstaff, AZ (Northern Arizona Intergovernmental Public Transportation Authority)	2009	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chris provided the necessary construction layout in order to build the bus route through the Northern Arizona University Campus, and other bus stop locations throughout Flagstaff including the downtown area. Size: 5 miles. Design Cost \$370,413, Construction Cost \$4.2 million		
4)	City of Flagstaff Schultz Waterline	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Chris performed a topographic survey of the lower portion of waterline for use in the design of a new waterline. Chris was involved in the construction layout of the new line on the lower portion.		
5)	City of Flagstaff Observatory Mesa	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Performed an ALTA/ACSM Land Title Survey of ± four sections of land on Observatory Mesa for purchase from the State of Arizona by the City of Flagstaff.		

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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 <i>(City and State)</i> Winslow Renaissance on Route 66 Projects Winslow, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> 2011 through Phase 3

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Winslow	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT \$5,000,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

PROJECT DESCRIPTION: Woodson Engineering provided the City of Winslow with Construction Management services to support their efforts in implementing Transportation Enhancement (TE) grants from the ADOT-FHWA for the renovation of old US Route 66, a total of nearly 4 miles. Woodson provided CM services, including:

- Preparing Bid Documents, advertisements for bid and bid tabulation.
- Facilitating the pre-bid meeting.
- Facilitating weekly construction progress meetings.
- Reviewing and approving pay applications.
- Conducting employee interviews to meet federal requirements for FHWA grant funded work.
- Reviewing Davis-Bacon wage rates and actual wages earned by construction workers subject to the federal guidelines.
- Facilitating pre-final and final walkthroughs to develop punch lists for final work to be completed and final payment.

LOCATION OF THE PROJECT: The Renaissance Projects are located along 2nd and 3rd Streets in Winslow from Hipkoe Drive to Transcon Lane.

PROJECT OWNER, POINT OF CONTACT AND PHONE NUMBER: The owner of the project was the City of Winslow, Dale Patton, Interim City Manager, (928) 289-1415.

SIZE, SCHEDULE, BUDGET AND COMPLEXITY: The project consists of 4 miles of 2 to 3 lane roadway and sidewalks varying from 4' to 8' in width. Thus far, a total of over \$5,000,000 worth of work has been constructed.

YEAR COMPLETED: The last phase, phase III was constructed in 2011. Phases IV and V are scheduled for completion in 2013.

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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 <i>(City and State)</i> Winslow Floodplain Physical Map Revision	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Winslow	d. DOLLAR AMOUNT OF PROJECT \$197,000	e. TOTAL COST OF PROJECT \$197,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

PROJECT DESCRIPTION: This Environmental Engineering and Planning project involved a floodplain delineation study after determining that with the de-accreditation of the Little Colorado River Levee, east of the City, approximately 3,000 properties were placed in a Special Flood Hazard Area (SFHA) Zone A. Initial review estimated that approximately 40% of the properties would have the flood risk and flood insurance reduced if a delineation study was performed. The study has involved coordination with the US Army Corps of Engineers (USACE) and Navajo County to ensure that the feasibility study of rehabilitating the levee and this delineation project do not conclude with conflicting results which would impact the local residents. Tasks included validating a survey performed by the county, validating hydrologic data, determining flow patterns and depths over several square miles, determining the floodway, preparing the necessary analysis maps and presentations for the City, and coordinating with FEMA in terms of how to apply the results so that the proper risk levels could be assigned. The use of HEC-RAS and AutoCad were instrumental in developing the maps necessary to demonstrate to the stakeholders the analysis and impacts on the community in delineating the floodplain.

This project has involved a close working relationship between Woodson and DuBroy Engineering along with FEMA, USACE, Navajo County, and the City of Winslow. The technical challenges were solved through the constant communication and data sharing between Woodson and DuBroy.

LOCATION OF THE PROJECT: Winslow, AZ
PROJECT OWNER, POINT OF CONTACT AND PHONE NUMBER: The project owner is City of Winslow, Dale Patton, Interim City Manager, (928) 289-1415.

SIZE, SCHEDULE, BUDGET AND COMPLEXITY: Project encompassed over 10 square miles of study area and required iterative uses of the HEC-RAS software to accommodate changing conditions and client preference. The budget for performing this work is \$197,000.

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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 <i>(City and State)</i> NAIPTA Transit Link Survey Flagstaff, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2011

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Flagstaff, NAIPTA (Northern Arizona Intergovernmental Public Transportation Authority), Northern Arizona University	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT \$4,470,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

PROJECT DESCRIPTION: Design and Construction Staking, Aerial Topo Survey: We provided the topographic survey, survey control, drainage design and utility location and relocation work for this project.

This project illustrated our ability to be part of a design/build multi-disciplinary team (Hunter/Jacobs/Woodson) for a major transit project which consists of a new transit link through NAU campus along with new updated bus stops in the City downtown area and Woodlands Village. The City of Flagstaff, NAU and the owner NAIPTA affected public and NAU faculty, staff, and students. We provided the topographic survey, survey control, and construction staking and utility relocation work for this project.

LOCATION OF THE PROJECT: Through the NAU campus, City of Flagstaff downtown area and Woodlands Village.

PROJECT OWNER, POINT OF CONTACT AND PHONE NUMBER: The project owners were NAU, City of Flagstaff and Northern Arizona Intergovernmental Public Transportation Authority (NAIPTA). Points of Contact are Jeff Meilbeck, General Manager, 928-679-8909 and Dave Smith, Facilities and Security Manager, 928-679-8924.

SIZE, SCHEDULE, BUDGET AND COMPLEXITY: The length of this project was 5 miles with a design and construction cost of \$4,470,000. The project was complicated by the lack of documentation for the existing underground infrastructure. Extensive potholing was required to determine existing conditions.

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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 <i>(City and State)</i> Winslow Capital Improvements Program Winslow, AZ		b. YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(If applicable)</i> Ongoing
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER City of Winslow	d. DOLLAR AMOUNT OF PROJECT \$200,000	e. TOTAL COST OF PROJECT	

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

PROJECT DESCRIPTION: For nearly 15 years Woodson Engineering has assisted the City of Winslow in developing its 5 year Capital Improvement Program (CIP). This has included working with City Staff and Council members in prioritizing capital improvement projects, revising the zoning maps, providing cost estimates for proposed projects and securing funding from outside agencies to implement these projects.

LOCATION OF THE PROJECT: Winslow, AZ

PROJECT OWNER, POINT OF CONTACT AND PHONE NUMBER: The project owner is City of Winslow, Dale Patton, Interim City Manager, (928) 289-1415.

SIZE, SCHEDULE, BUDGET AND COMPLEXITY: \$200,000 for providing these services.

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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 <i>(City and State)</i> Flagstaff South Beaver and South Leroux Improvements	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Flagstaff	d. DOLLAR AMOUNT OF PROJECT \$250,000	e. TOTAL COST OF PROJECT \$2,400,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

PROJECT DESCRIPTION: Engineering design for the City of Flagstaff South Beaver & South Leroux 2010 Bond Improvement Project located in the Southside neighborhood of Flagstaff. This work consisted of utility and streetscape design for sewer, water, interceptor sewer, streets, curb & gutter, ADA ramps and analysis of local drainage and hydrologic and hydraulics conditions of the existing drainage systems in the area. Performed joint constructability review of all components with contractor. Our work included topographic and location survey, field investigation of existing drainage infrastructure, an alternatives analysis and design and constructability review. This project is being delivered with a Construction-Manager-At-Risk method and is expected to begin construction in 2013. This project is indicative of Woodson Engineering's working closely with the client to ensure that the analysis and design of the new facilities would not adversely impact existing facilities.

LOCATION OF THE PROJECT: This project is located on South Beaver Street and South Leroux Street in Flagstaff, AZ.

PROJECT OWNER, POINT OF CONTACT AND PHONE NUMBER: The owner of the project is City of Flagstaff, Randy Groth, Senior Project Manager, (928) 213-2683

SIZE, SCHEDULE, BUDGET AND COMPLEXITY: 7 Blocks
Design Cost \$250,000, Construction Cost \$2.4 million

Key Issues: Constructability review of project in very tight working conditions with heavy pedestrian and student traffic.

6. ADDITIONAL INFORMATION

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

Woodson Engineering and Surveying, Inc. is a multi-disciplinary firm in Flagstaff, Arizona, engaged in land surveying, land planning, and civil engineering. We realize that service to our clients is our most important marketing tool. Service, along with the knowledge and experience of our personnel and the state-of-the-art equipment that is available to our personnel, leads to the successful completion of quality projects. **Woodson Engineering** is unique in its ability to successfully work with both private developers and public agency clients, and can handle a broad range of projects. Since 1994, the objective of **Woodson Engineering** has been to provide quality surveying, planning and civil engineering services to our clients. This is accomplished because of our commitment to excellence.

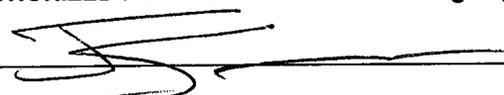
SERVICES

- **Surveying** - Boundary and cadastral surveys, right-of-way surveys, subdivision layouts, parcel splits, topographic surveys, asbuilt surveys, ALTA surveys, construction staking.
- **Feasibility Studies, Preliminary Planning, Land Use and Master Plans** - Investigation of development potential and costs, preliminary development plans or alignment studies, improvement district development, project scoping, development master plans and land use planning.
- **Site Development** - Residential, institutional, commercial and industrial developments ranging from single building site plans to large developments.
- **Right-of-way Services** - Alignment studies, surveys, and mapping, negotiations for property acquisitions, research property ownership and easements, write legal descriptions, recording of documents, and final property staking.
- **Infrastructure Studies and Design** - Water, sewer, drainage, roadway, facility and airport studies and designs for individual residences and site plans, subdivision, or large municipal systems.
- **Drainage and Flood Control** - From permitting to local storm drains and detention basins to major flood control studies and projects.
- **Construction Contract Administration** - Cost estimating, specifications, bidding assistance, and overall construction administration.
- **Government Engineering On-Call Services** - Services such as plan review, planning and programming of capital improvement plans, and other contract government engineering services.

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:	70
b.	Percentage of Total Work Attributable to Non-Government Work:	30

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

Signature: 
Name: Jeff Swan

Date: 12/12/2013
Title: Senior Project Manager