

**RFQ# ADSP014-00003465, 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 ADSP013-00003465: Annual Request for Qualifications

| | | |
|----|-----------------------------------|--|
| a. | FIRM (OR BRANCH OFFICE) NAME: | Plateau Engineering, Inc. |
| b. | FIRM (OR BRANCH OFFICE) STREET: | 323 N. San Francisco Street, Suite 201 |
| 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: 1983

| | | |
|-------|------------------------------------|--------------------------|
| (g1). | OWNERSHIP - TYPE: | Incorporation |
| (g2) | OWNERSHIP - SMALL BUSINESS STATUS: | Certified Small Business |

| | | |
|----|------------------------------------|--|
| h. | POINT OF CONTACT NAME AND TITLE: | James D. Hall |
| i. | POINT OF CONTACT TELEPHONE NUMBER: | 928-556-0311 |
| j. | POINT OF CONTACT E-MAIL ADDRESS: | jdhall@plateng.com |

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

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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 |
|---------------------|---|----------------------------|------------------------------|
| Civil Engineering | P | 3 | |
| Geodetic Surveyor | P | 1 | |
| Geodetic Surveyor | S | 1 | |
| CADD Technician | P | 1 | |
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| Total | | 5 | |

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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) |
|--------------------------------|---|-------------------------------------|
| 8 | Construction Management | 2 |
| 3 | Construction Surveying | 1 |
| 6 | Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting | 1 |
| 3 | Educational Facilities; Classrooms | 2 |
| 8 | Geodetic Surveying; Ground and Airborne | 1 |
| 6 | Highways; Streets; Airfield Paving; Parking Lots | 2 |
| 8 | Land Surveying | 1 |
| 3 | Recreation Facilities (Parks, Marinas, Etc.) | 2 |
| 3 | Sewage Collection, Treatment and Disposal | 2 |
| 9 | Surveying; Platting; Mapping; Flood Plain Studies | 1 |
| 2 | Topographic Surveying and Mapping | 1 |
| 1 | Water Well Rehabilitation; Water Well Work | 1 |
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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 James D. Hall, P.E., R.L.S | b. ROLE IN THIS CONTRACT Principal in Charge | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 37 | 2. WITH CURRENT FIRM 35 |
| d. FIRM NAME AND LOCATION (City and State) Plateau Engineering, Inc., Flagstaff, Arizona | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering, California State University | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) AZ PE No. 14265; AZ RLS No.16544; CA PE 30464; UT PE 171416-2202 | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers; American Council of Engineering Companies of Arizona; Society of American Value Engineers International; Arizona Professional Land Surveyors | | | |

H. RELEVANT PROJECTS

| | (1) TITLE AND LOCATION (City and State) | (2) Year Completed | |
|----|---|-----------------------|------------------------------|
| | | Professional Services | Construction (if applicable) |
| 1) | Ak-Chin Water and Wastewater Infrastructure Improvements Maricopa, AZ | 2008-2011 | 2010-2012 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE This multi-faceted project included the design of both a new Water Reclamation Facility and Surface Water Treatment Plant. As a part of this effort, the design team modeled and confirmed the existing and "buildout" sewage treatment and potable water needs of the Ak-Chin community's Village, Casino/Commercial and Farms areas. Plateau Engineering provided all civil site design and design survey for the water reclamation facility and treatment plant. Plateau also designed nearly nine miles of new raw water, treated water, wastewater and reclaimed water piping. This included a completely new sewer collection system within an existing 160-lot subdivision, new sewer and water service connections within the Farms administration area and two new sewage lift stations. Plateau also provided full CA&I services for the firm's project components. Design Costs: \$1.8M | | |
| | Check if project performed with current firm | | |
| 2) | Arizona Department of Transportation District Minor On-Call SR 160 N16 Turn Lane SR 160 N16, Arizona | 2008-2009 | 2011 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Jim's specific role on the SR 160 N16 Turn Lane was Project Manager. Plateau completed an initial Project Assessment following by final construction documents for traffic improvements to assist turn movements at this intersection. Topographic and Right of Way Survey was performed to aid in the design of this project. | | |
| | Check if project performed with current firm | | |
| 3) | Brannon and Colorado Street Improvements Flagstaff, Arizona | 2008 | 2009 |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Jim's specific role on Brandon and Colorado street was Project Manager. This project involved the improvement of Colorado Street from Butler Avenue through the Brannon Avenue intersection. This improvement was necessitated by the realignment of Lone Tree Road as a part of the Sawmill development. | | |
| | Check if project performed with current firm | | |
| 4) | City of Maricopa Regional Public Safety Training Facility Maricopa, AZ | 2010 | |
| | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE | | |
| | Check if project performed with current firm | | |

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| | | | |
|---|--|--|-------------------------------------|
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE In 2010, the City of Maricopa wished to examine the feasibility of establishing a Regional Public Safety Training Facility. This facility would offer police, fire and emergency medical training to a regional "Consortium" of agencies. As a part of an overall feasibility study, Plateau Engineering performed a civil Site Analysis of the Ak-Chin Bunger property. Plateau examined land development constraints, including the planning and zoning process, drainage issues, and options for providing adequate utility services to the project. These included sewer, water, gas, electric and communications. This report also addressed the potential issues associated with the Ak-Chin Community providing utility service from Ak-Chin trust lands to Ak-Chin owned, non-trust lands | | Check if project performed with current firm | |
| (1) TITLE AND LOCATION <i>(City and State)</i> Ganado Unified School District Survey Ganado, AZ | | (2) Year Completed | |
| | | Professional Services 2010 | Construction <i>(if applicable)</i> |
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE 5) Plateau Engineering was asked by the Ganado Unified School District to perform a boundary and topographic survey of the District's main campus. The 84-acre site included Primary, Intermediate and Middle Schools, together with administrative and maintenance facilities, and substantial housing improvements. The project included considerable research, field verification and plotting of existing utility improvements, particularly in areas proposed for redevelopment. Aerial survey was performed by Cooper Aerial Survey. | | 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 Adam Miele | b. ROLE IN THIS CONTRACT Senior Civil Engineering Senior Project Manager | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 15 | 2. WITH CURRENT FIRM 15 |
| d. FIRM NAME AND LOCATION <i>(City and State)</i> Plateau Engineering, Inc., Flagstaff, Arizona | | | |
| e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Civil Engineering, Northern Arizona University | | f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> AZ PE No. 44711 | |
| g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers; Northern Arizona Chapter – American Society of Civil Engineers, Past President; Order of the Engineer; American Council of Engineering Companies of Arizona; American Public Works Association; Water Environment Federation | | | |

H. RELEVANT PROJECTS

| | | | |
|--|---|-------------------------------|---|
| (1) TITLE AND LOCATION <i>(City and State)</i> City of Sedona ADA Assessment Plan and Sidewalk Design Sedona, AZ | | (2) Year Completed | |
| | | Professional Services 2007 | Construction <i>(if applicable)</i> |
| 1) | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Working with the City of Sedona since 2007 to assess the ADA compliance of more than 200 ramps throughout the city. Adam and his team developed a report for the City of Sedona that prioritized projects based on compliance needs. Since that time, Adam has worked with the City of Sedona to design ramp and sidewalk improvements. | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> Highlands Fire Station Flagstaff, AZ | | (2) Year Completed | |
| | | Professional Services 2009 | Construction <i>(if applicable)</i> 2009 |
| 2) | | | |

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|---|--|--|--|
| (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE | | Check if project performed with current firm | |
| Plateau Engineering provided civil design and construction inspection for the Highlands Fire Station, located in the community of Mountaineer, in Coconino County. Plateau prepared civil exhibits to support rezoning and Conditional Use Permit applications, attended meetings, and provided project support throughout the County planning process. As the project was located immediately adjacent to Schoolhouse Draw – a FEMA floodway – the firm performed a HEC-RAS analysis to verify that project development would not impact the 100-year flood plain. In addition, our team prepared final design drawings and documentation for phased development of the 6.2 acre site. This effort included grading, drainage and detention, onsite utilities, and storm water pollution prevention. It also included plans for construction of 2,000 linear feet of offsite water line required to provide potable and fire water service to the development. The project was constructed using the CMAR Alternative Delivery Method. Plateau provided construction inspection on all civil site improvements including the 2,000 ft. of new pipeline and roadway construction. | | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> | | (2) Year Completed | |
| City of Flagstaff-Street Maintenance Program Flagstaff, AZ | | Professional Services 1994-Present | Construction <i>(if applicable)</i> Ongoing |
| 3) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE | | Check if project performed with current firm | |
| Adam has managed this program for the City of Flagstaff since 1994. Adam’s responsibilities include coordination with Dan Holmes and other city staff to scope the project; direction of field crews to collect necessary data; research of appropriate standards; coordination with utility agencies; coordination with CMAR; written specifications; and quality control before issuing final plans | | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> | | (2) Year Completed | |
| Northern Arizona University-Asphalt Maintenance 1999-2006, 2008-2012 Flagstaff, AZ | | Professional Services 2000-Present | Construction <i>(if applicable)</i> Ongoing |
| 4) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE | | Check if project performed with current firm | |
| Adam’s specific role for NAU Asphalt Projects is Senior Project Manager. Plateau furnishes design as well as full observation and construction administration for the University’s annual pavement preservation program. Scope includes: New parking lots and walkways; bus transit and bicycle facilities; designs for reconstruction, overlay, patching, crack sealing, and seal coating; concrete repairs and drainage improvements. Plateau recommends appropriate maintenance techniques, and is responsible for bringing adjacent public ways into ADA compliance. Cost varies from \$35,000-\$75,000 per year, depending on funding. | | | |
| (1) TITLE AND LOCATION <i>(City and State)</i> | | (2) Year Completed | |
| Ak-Chin Water Reclamation Facility (WRF) Site Design Maricopa, Arizona | | Professional Services 2006 | Construction <i>(if applicable)</i> 2011 |
| 5) (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE | | Check if project performed with current firm | |
| Adam’s specific role for the WRF was Project Manager. This project included site design and layout of the new Water Reclamation Facility and associated administrative buildings at the Ak-Chin Indian Community including drainage design, parking facilities and access roads | | | |

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

| | | | |
|---|---|---|---------------------------|
| 5a. NAME Nathan Reisner | b. ROLE IN THIS CONTRACT Project Manager | c. YEARS EXPERIENCE | |
| | | 1. TOTAL 5 | 2. WITH CURRENT FIRM 5 |
| d. FIRM NAME AND LOCATION <i>(City and State)</i> Plateau Engineering, Inc., Flagstaff, Arizona | | | |
| e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS Civil Engineering, Northern Arizona University | | f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> AZ PE No. 54541 | |
| g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Society of Civil Engineers; Northern Arizona Chapter-American Society of Civil Engineers; Order of the Engineer; American Council of Engineering Companies of Arizona | | | |
| H. RELEVANT PROJECTS | | | |

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| | | | |
|----|--|------------------------------------|--|
| 1) | (1) TITLE AND LOCATION <i>(City and State)</i> West Street and Sixth Avenue Improvements Flagstaff, AZ | (2) Year Completed | |
| | | Professional Services 2009 | Construction <i>(if applicable)</i> 2010 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plateau designed full roadway improvements of Sixth Avenue between Izabel and West Street. The project included removal and replacement of existing asphalt, the design of sidewalk and drainage improvements along a portion of West Street, and design of sidewalk and traffic channelization improvements on Izabel. Nate's responsibilities included working with the city, franchise utilities and stakeholders; coordinating design efforts of our team; maintaining the project schedule and budget; and providing a high level of quality control. Nathan's role was Project Manager. | | |
| 2) | (1) TITLE AND LOCATION <i>(City and State)</i> Ak-Chin Water and Wastewater Infrastructure Design and Construction Administration Maricopa, AZ | (2) Year Completed | |
| | | Professional Services 2009-2012 | Construction <i>(if applicable)</i> 2010-2012 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plateau Engineering provided full construction inspection and administration services for the entire project. This included pre-construction startup and submittal review, review of value engineering proposals, responses to Requests for Information (RFIs), field changes, change orders, continuous observation of work performed, documentation of quantities, review and approval of pay requests, final punch lists and project close-out services. In addition to bearing responsibility for overall project success, Plateau's specific responsibilities included construction oversight of all work designed by the firm, including roughly 46,000 linear feet of pipeline and appurtenant construction. Nathan's role was Construction Project Manager. | | |
| 3) | (1) TITLE AND LOCATION <i>(City and State)</i> Northern Arizona University-Concrete Repair Projects – 2012-2013 Flagstaff, AZ | (2) Year Completed | |
| | | Professional Services 2010-2013 | Construction <i>(if applicable)</i> 2012-2013 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Northern Arizona University encompasses over 100 buildings spread over a 738-acre main campus. Plateau Engineering has provided on-call Civil Engineering services to NAU since 1994, including asphalt maintenance and concrete repair projects since 1996. The 2012-2013 concrete repair effort consisted of redesigning multiple existing sidewalks, ramps and parking stalls in 12 separate locations to make them ADA compliant. Cost total: 444,227.44. Nathan's role was Project Manager | | |
| 4) | (1) TITLE AND LOCATION <i>(City and State)</i> Northern Arizona University –Gabaldon Hall Entryway Reconstruction Flagstaff, AZ | (2) Year Completed | |
| | | Professional Services 2013 | Construction <i>(if applicable)</i> 2013 |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Gabaldon Residence Hall and adjacent improvements encompass nearly 4 acres within the 738 acre NAU main campus. The Entry Reconstruction effort originated as a component of the 2012 concrete project. The concrete leading into the north east entrance of Gabaldon Hall required replacement due to deterioration, cracking and heaving. The concrete also had major ADA issues due to tripping hazards and the handrail and guardrail were not ADA or IBC compliant. After closer inspection Plateau discovered the existing exterior surface concrete was being supported by a floating steel deck that was rusting and was in extreme danger of failing should the slab encounter maximum design loads. In addition, the area under the vestibule was also concrete slab on a deteriorated floating steel deck with a similar potential for failure. NAU decided due to complexity and potential cost, to make Gabaldon a separate project in 2013. Cost total: \$90,263.00. Nathan's role was Project Manager | | |
| 5) | (1) TITLE AND LOCATION <i>(City and State)</i> Clarkdale Parkway Clarkdale, AZ | (2) Year Completed | |
| | | Professional Services 2012 | Construction <i>(if applicable)</i> |
| | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE | | |

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

Check if project performed with current firm

This project is anticipated to consist of improvements along and adjoining Clarkdale Parkway, extending from State Route 89A north to First South Street. These improvements are anticipated to consist of; Approximately 133 feet of curb, gutter and 6-foot wide concrete sidewalk, where the proposed pathway improvements connect to State Route 89A. Approximately 0,5 miles of 6-foot wide asphalt pathway. This pathway is proposed to be located on the south side of the Parkway, and separated from traffic by a 15 to 20 foot buffer. Approximately 325 feet of retaining wall at existing roadway fill areas. At roadway fill areas, the pathway is anticipated to be placed immediately adjacent to the Parkway, and be supported by the proposed retaining wall. Approximately 700 feet of hand rail, or as required for bicycle-pedestrian safety. Approximately 2-feet of roadway widening on both sides of the parkway, or as required to accommodate 4-foot wide bicycle lanes on each side of the Parkway. Miscellaneous minor improvements in support of the scoped items above. This project is to be primarily funded through a Federal Highways Administration (FHWA) program Transportation Enhancement Grant, administered through the Arizona Department of Transportation (ADOT). Project development shall take place in accordance with the established National Environmental Policy Act (NEPA) process and the established ADOT process for federally funded projects.

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

| | | | |
|---|--|--|---------------------------|
| a. NAME David Hill | b. ROLE IN THIS CONTRACT Project Survey Manager | c. YEARS EXPERIENCE | |
| | | 1. TOTAL | 2. WITH CURRENT FIRM 1 |
| d. FIRM NAME AND LOCATION (City and State) Plateau Engineering, Inc., Flagstaff, Arizona | | | |
| e. EDUCATION (DEGREE AND SPECIALIZATION) BS Civil Engineering | | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) AZ PE No. 14265; AZ RLS No.16544; CA PE 30464; UT PE 171416-2202 | |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Society of Civil Engineers; American Council of Engineering Companies of Arizona; Society of American Value Engineers International; Arizona Professional Land Surveyors | | | |

H. RELEVANT PROJECTS

| | | | |
|----|---|------------------------------------|---|
| | (1) TITLE AND LOCATION (City and State) Clay Avenue Detention Basin Remediation Project, United States Army Corps of Engineers, Los Angeles District (USACE) and the City of Flagstaff, Arizona Flagstaff, AZ | (2) Year Completed | |
| | | Professional Services 2012-2013 | Construction (if applicable) 2012-2013 |
| 1) | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As survey project manager for the Contractor tasked with the remediation of a major flood control project along the Rio De Flag in Flagstaff, Arizona Mr. Hill's responsibilities include overseeing all the construction staking, quality control, and the collection of survey data for the final certification by the USACE. Mr. Hill is responsible for setting horizontal/vertical control using conventional and GPS data collection techniques. Fieldwork includes GPS, GPS RTK, and conventional data collection. The project requires the use of different horizontal and vertical datums as well as known control points surrounding the project limits. The project includes control surveys, earthwork construction surveys, quantity surveys, and As-Builts for the rebuilding of the embankments and levees for the detention basin. | | |
| | (1) TITLE AND LOCATION (City and State) U.S. Army Corps of Engineers, Tres Rios Mapping Maricopa County, Arizona | (2) Year Completed | |
| | | Professional Services | Construction (if applicable) |
| 2) | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The project set horizontal and vertical control using conventional and GPS data collection. It required the use of several different horizontal and vertical datums as well as known control points surrounding the project limits. The project also involved hydrographic mapping to locate the river bottom and bank in areas with dense vegetation. This politically and environmentally sensitive eco-restoration project required close coordination with multiple agencies including the City of Phoenix, Maricopa Flood Control Department, U.S. Fish and Game, and the Buckeye and St. John canal districts. It also required interfacing with the Gila River Indian community and the Phoenix International Raceway for public access issues. | | |
| | (1) TITLE AND LOCATION (City and State) Rio de Flag Construction Staking Flagstaff, AZ | (2) Year Completed | |
| | | Professional Services 2012 | Construction (if applicable) |
| 3) | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Oversight of all the construction staking, quality control, and the collection of survey data for the final certification by the USACE. Responsible for setting horizontal/vertical control using conventional and GPS data collection techniques. Fieldwork includes GPS, GPS RTK, and conventional data collection. The project requires the use of different horizontal and vertical datums as well as known control points surrounding the project limits. The project includes control surveys, earthwork construction surveys, quantity surveys, and as-builts for the rebuilding of the embankments and levees for the detention basin. | | |

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| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT | | |
|---|---|--|
| <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i> | | |
| a. TITLE AND LOCATION (City and State) | b. YEAR COMPLETED | |
| ADOT US 89 Survey Coconino County, AZ | PROFESSIONAL SERVICES 2011 | CONSTRUCTION (If applicable) 2011 |
| 23. PROJECT OWNER'S INFORMATION | | |
| c. PROJECT OWNER State of Arizona Arizona Department of Transportation | d. DOLLAR AMOUNT OF PROJECT 88,422.00 | e. TOTAL COST OF PROJECT 88,422.00 |

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

The Arizona Department of Transportation wishes to ultimately improve and widen Highway 89A from Navajo Bridge at Marble Canyon to Mile Post 565, just east of Houserock Road. Prior to this widening, the Department wishes to perform culvert extensions as needed to accommodate the anticipated width of the new road. Under an on-call District Minor contract, Plateau has been asked by ADOT to perform a Project Assessment (PA) of the culvert extensions. As a necessary part of the PA, Plateau tasks include establishment of survey control over the 27 mile project limits using GPS (observation plus OPUS) methods. The control will be based upon the Arizona State Plane horizontal datum and NAVD 88 vertical datum. Plateau's effort then includes locating and mapping, including a visual condition determination of over 90 pipe culvert crossings and 36 box culvert crossings. This mapping also includes streambed mapping up to culvert crossings, across right of way limits, or such work as required to complete culvert extensions. The finished PA will include exhibits showing typical details for each type of box culvert and pipe crossing. Using surveyed data, the PA will present in tabular format an inventory of each crossing, denoting station (=Mile Post Conversion), culvert type, culvert size, skew and offset of each crossing. Plateau will determine lengths and sizing of pipe culvert extensions required at each location to meet current ADOT standards for highway width, shoulders and side slopes.

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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 (City and State) | b. YEAR COMPLETED | |
|--|---------------------------------------|--|
| City of Flagstaff Annual Street Maintenance Program Flagstaff, AZ | PROFESSIONAL SERVICES 2004-Present | CONSTRUCTION (If applicable) 2004-Present |

23. PROJECT OWNER'S INFORMATION

| c. PROJECT OWNER | d. DOLLAR AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT |
|-------------------|-----------------------------|--------------------------|
| City of Flagstaff | 540,000.00 | 335,741.00 |

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

Since 2004, Plateau Engineering has been the City of Flagstaff's Street Maintenance Program consultant. Plateau field reviews City streets on an annual basis, and creates detailed scope and cost estimates for proposed items of work. The firm assists the City's Project Manager as well as the Construction Manager at Risk in prioritizing work to maximize the benefit of available funding. Plateau maintains and continually updates a comprehensive database of the City's street construction costs, in order to facilitate alternatives analysis and project design.

Annual work items encompass asphalt pavement milling and overlay, spot asphalt pavement replacement, and chip seal and micro-seal surface treatments. Other work includes surface drainage improvements, including correction of local drainage problems; utility adjustments, concrete curb, gutter and sidewalk repair and replacement, and ADA compliance upgrades. Plateau video tapes each entire project prior to construction, to document existing conditions. This enables the City to verify and manage community concerns regarding construction impacts. Plateau also assists the City's Project Manager as requested during construction.

Role: Prime Consultant

Original/Final Design Cost: \$540,000.00/\$335,741.00

Original/Final Construction Cost: Budget determined annually. \$17M over 10 years.

Design/Construction Dates: 2004-present/2004-present

Reference: Dan Holmes, City of Flagstaff, (928) 779-7632. Corkey Heckethorn (CMAR), C&E Paving, (928) 774-4133

Value Engineering Items: Scope and area revisions are required to match changes to available funding. Multiple scenarios are evaluated annually to maximize funding impact.

Key Issues and Solutions: Accurate quantity and cost estimating is facilitated by Plateau Engineering database. Quantities constantly reviewed during construction to assure scope remains constrained to budget. Flagstaff special provisions are updated regularly to conform to MAG updates.

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| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT | | |
|---|---|--|
| <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i> | | |
| <i>a. TITLE AND LOCATION (City and State)</i> | <i>b. YEAR COMPLETED</i> | |
| Northern Arizona University – Asphalt Maintenance Flagstaff, AZ | PROFESSIONAL SERVICES 1994-Present | CONSTRUCTION (If applicable) 1994-Present |
| 23. PROJECT OWNER'S INFORMATION | | |
| <i>c. PROJECT OWNER</i> Northern Arizona University | <i>d. DOLLAR AMOUNT OF PROJECT</i> 98,497.50 | <i>e. TOTAL COST OF PROJECT</i> 89,718.15 |

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

Plateau Engineering has maintained a term services agreement with Northern Arizona University (NAU) since 1994 and has completed 14 asphalt maintenance programs over the last 16 years. Scope includes design for reconstruction, overlay, patching, crack sealing, seal coating, concrete (sidewalk, curb, gutter) repairs and drainage improvements for existing roadways and parking lots. Plateau recommends appropriate maintenance techniques and is responsible for bringing adjacent public ways up to ADA compliance. These projects are fast-tracked, design usually starting in mid-March with bid ready plans by May first. Plateau provides full bidding and construction administration services for all of the asphalt maintenance projects.

Dates and Contract Amount: 1994-present, varies from \$35,000-\$75,000 per year, depending on funding

Reference: David Hook, Project Manager, Northern Arizona University, (928) 523-6739

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

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 | |
| Dodge Avenue Bond Project Flagstaff, AZ | PROFESSIONAL SERVICES 2012 | CONSTRUCTION (If applicable) 2013 |

23. PROJECT OWNER'S INFORMATION

| | | |
|--|---|--|
| c. PROJECT OWNER City of Flagstaff | d. DOLLAR AMOUNT OF PROJECT 92,500.00 | e. TOTAL COST OF PROJECT 92,500.00 |
|--|---|--|

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

The Dodge Avenue Bond project consisted of 1,000 square yards of street reconstruction and 13,614 square yards of milling, overlaying and chip sealing on Dodge Avenue from Trails End to Empire Avenue. The City Traffic Engineer also requested we design a traffic calming device that restricted vehicles from traveling south bound on Dodge Avenue from Trails End Drive. This included 830 square yards of street reconstruction and 1,627 square feet of new ADA accessible sidewalk. As is typical of all overlay projects, damaged curb and gutter and other drainage issues were also addressed.

The City of Flagstaff requested that we determine the ADA accessibility of the adjacent sidewalk on Dodge Avenue and make changes to the sidewalk as needed to conform to current ADA accessible standards. This portion of the project included removing and replacing 1,425 square feet of sidewalk for ADA accessibility and adding 2,400 square feet of new ADA accessible sidewalk with ADA accessible ramps.

Included with the roadway maintenance activities 18 water service lines were replaced and 635 linear feet of a new PVC 8" water line to bypass an existing AC pipeline. Additionally the project included 1,240 linear feet of a new 3 foot tall concrete turndown on the east side of Penstock Wash, for the purpose of re-establishing the bench behind the existing sidewalk on Dodge Avenue and retaining the 100 year flood within Penstock Wash. The design process included considering many different types of retaining walls in an effort to minimize construction costs and also maintaining the current channel capacity.

Reference: James Duval, City of Flagstaff,(928) 213-2678 or (928) 699-1479

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

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 | |
|---|-------------------------------|--------------------------------------|
| East Cedar Avenue Improvements Flagstaff, AZ | PROFESSIONAL SERVICES 2013 | CONSTRUCTION (If applicable) 2013 |

23. PROJECT OWNER'S INFORMATION

| | | |
|---------------------------------------|--|---------------------------------------|
| c. PROJECT OWNER City of Flagstaff | d. DOLLAR AMOUNT OF PROJECT 48,797.50 | e. TOTAL COST OF PROJECT 48,797.50 |
|---------------------------------------|--|---------------------------------------|

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

In May of 2013 the City of Flagstaff asked Plateau Engineering to prepare plans and specifications for roadway, sewer and water improvements to Cedar Avenue between West and Fourth Streets, a project length of one-half mile on a major collector roadway with a high daily traffic count. This work was required to be completed on an accelerated time schedule, with construction beginning in late June for completion in late July, prior to school opening. Plateau prepared plans and specifications for pavement replacement, sewer and water services replacement, new water main interconnections, and necessary sewer replacement and realignment within the project area. Plateau also prepared design documentation, and necessary ADEQ submittals leading to an Approval to Construct. Construction was accomplished by the City's existing Job Order streets contractor, with construction successfully meeting the City's deadline for completion.

Reference Information: James Duval, Senior Project Manager (928) 226-4859; Rick Barrett, City Engineer (928) 213-4859

6. ADDITIONAL INFORMATION

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

James D. Hall, P.E., R.L.S.

Jim Hall is the founder and President of Plateau Engineering, and has over 35 years of extensive experience in virtually all facets of civil engineering and land surveying. Since establishing Plateau Engineering in 1983, he has performed conceptual and final design of urban and rural highway projects, municipal water and sewage infrastructure efforts, major commercial and residential developments, fire stations, subdivisions, park improvements and urban redevelopment programs. As a Land Surveyor, he has supervised many right-of-way, topographic and construction surveys. He has received formal Society of American Value Engineers training and has served as a project team member in several Value Analysis efforts.

Adam D. Miele, P.E.

Adam Miele has 13 years of project management experience in Flagstaff and throughout Northern Arizona. Adam is an Arizona native who graduated from Northern Arizona University with a degree in Civil Engineering. Adam is the President of the Northern Arizona Branch of the American Society of Civil Engineers (ASCE). He is also the Public Relations coordinator for the "Toast of Flagstaff", a toastmasters group, and is considered a "Competent Communicator" by Toastmasters International. He volunteers his professional services to non-profit organizations, mentors students at Northern Arizona University through the student chapter of ASCE and assists Northern Arizona University by sponsoring design teams for the Senior Capstone Design class. Adam specializes in pavement maintenance, rehabilitation and design and has completed all asphalt design, maintenance and repair projects for Plateau for the past 13 years. Adam attends pavement maintenance training conferences each year in order to have the most up-to-date information on pavement techniques and best practices. Adam also lectures on pavement maintenance techniques and design standards at local conferences. He is considered an expert on pavement maintenance and ADA compliance.

Nathan Riesner, P.E.

Nate obtained his Bachelor of Science in Civil Engineering from Northern Arizona University in December of 2008 and joined the Plateau team upon his graduation. Nate has completed many projects with Northern Arizona University and the City of Flagstaff to design and maintain their pavement and concrete inventories. Most recently, Nate has worked with NAU to bring areas of campus into ADA compliance. He has worked extensively with Mike Mazur at NAU and has an intricate knowledge of the NAU ADA design standards as well as the DOJ ADA design standards.

Nate has 4 years of construction inspection experience with our firm, including the lead construction inspector for the 2010 NAU Roadway and Parking Lot Maintenance projects and the Ak-Chin Indian Community Surface Water Treatment Plant. Nate is skilled at working in the field and coordinating multiple and simultaneous survey and inspection efforts.

Nate's prior experience includes working for the Apache Sitgreaves National Forest where he was responsible for coordinating construction inspection efforts with the Federal Highway Administration on a roadway and stream realignment project in the White Mountains near Alpine, AZ. Nate was responsible for SWPPP regulation during the monsoon season, which included reviewing SWPPP requirements and checking them against the contractor's prevention methods.

David Hill, R.L.S.

David joined Plateau Engineering in July of 2012. He is a highly motivated surveyor with significant experience in project management for public agencies. He is excellent at managing budgets and schedules for all of our surveying projects. David is experienced in many types of land surveys including geodetic/cadastral, boundary/right of way, GPS, horizontal/vertical control, legal/title descriptions, ALTA/ACSM, environmental, topographic, construction and mapping.

David understands that detailed planning and coordination are key components necessary for the efficient execution of any survey task order, and the importance of thorough research and record keeping when it comes to the final work product deliverables to the University. He has managed multiple crews working on multi-task assignments. He is committed to performing quality assurance/control checks throughout all stages from planning, execution, and production of each task order. He practices the philosophy that safety is the number one priority on any project.

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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: | 80% |
| b. | Percentage of Total Work Attributable to Non-Government Work: | 20% |

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

Signature: 

Date: 12/05/13

Name: Twyla Phipps

Title: Administrative Assistant