

DEFINITIONS

Architect Services, Engineer Services, Land Surveying Services, Assayer Services, Geologist Services and Landscape Architect Services: Those professional services within the scope of the practice of those services as provided in ARS § 32-101.

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

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

Firm: Defined in ARS § 32-101(B.19.).

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

SPECIFIC INSTRUCTIONS:

1. Complete this form for each branch office seeking work under this RFQ.
 - a. – e. **Firm (or Branch Office) Name and Address.** Self-explanatory.
 - f. **Year Established.** Enter the year the firm (or branch office, if appropriate) was established under the current name.
 - g. **Ownership.**
 - (g1). *Type.* Enter the type of ownership or legal structure of the firm (sole proprietor, partnership, corporation, joint venture, etc.).
 - (g2). *Small Business Status.* A firm is a small business if the firm has less than 100 employees **or** has gross revenues of \$4 million or less.
 - h.-j. **Point of Contact.** Provide this information for a representative of the firm that the Customer can contact for additional information. The representative must be empowered to speak on contractual and policy matters.
 - k. **Name of Firm.** Enter the name of the firm.
2. **Employees by Discipline.**
 - a. Select disciplines from the List of Disciplines (Function Code) listed on Page 3 of 4 Instructions. For employees that do not qualify for any of the disciplines, select Other. *Note: The intended searchable database indicated in the RFQ will be populated from the Qualifications Form I Excel attachment only.*
 - b. Each person can be counted only twice; once for his/her primary function and once for his/her secondary function. Primary and secondary functions should be indicated by including a "P" or an "S" in column b after the Description Title is given.
 - c-d. If the form is completed for a firm (including all branch offices), enter the number of employees by disciplines in column c. If the form is completed for a branch office, enter the number of employees by discipline in column d and for the firm in column c.
3. **Profile of Firm's Experience and Annual Average Revenue for Last Year.**
 - a. Enter the approximate number of projects the firm (or branch) has done attributable by Profile Code listed on Page 3 of 4 Instructions over the last year.
 - b. Enter the appropriate Profile Codes from Instructions Pages 3 of 4 that represent the type of work the firm (or branch) has done over the last year.
 - c. Using the Revenue Index Number on Page 3 of 6 Form, indicate the approximate revenue the firm has

earned over the last year per Profile Code entered into the table.

4. **Resumes of Key Personnel Proposed for This Contract.** Complete this section for each key person who will participate in this contract.
 - a. Self-explanatory.
 - b. Self-explanatory
 - c. Total years of relevant experience (block c1), and years of relevant experience with current firm, but not necessarily the same branch office (block c2).
 - d. Name, City and State of the firm where the person currently works, which must correspond with one of the firms (or branch office or a firm, if appropriate) listed in Section 1.
 - e. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.
 - f. Provide information on current relevant professional registration(s) and in which State(s) they are current.
 - g. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.
 - h. Provide information on no more than five (5) projects in the last year which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section 5 for the project team if the person was not involved in any of those those projects or the person worked on other projects that were more relevant than the team projects in Section 5. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role.

5. **Example Projects Which Best Illustrate Firms Qualification for this contract.** Select project where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section 5 for each project. List no more than five (5) projects.
 - a. Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
 - b. Enter the year completed of the professional services (such as planning, engineering study, or design), and/or the year completed if construction. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block f).
 - c. Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual.
 - d. Provide the original budget or not to exceed dollar amount for the project.
 - e. Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage complete and whether this project will be on budget, over or under budget.
 - f. Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss the relevance of the example project to this contract.

6. **Additional Information.** Use this section to provide additional information you feel may be necessary to describe your firm's qualifications for this contract.

7. **Annual Average Professional Services Revenues of Firm for Last 3 Years.** Complete this block for the firm or branch office for which this form is completed. In column a, enter an approximate percentage of total work attributable to State, Federal or Municipal Work. In column b, enter an approximate percentage of total work attributable to Non-Government work. Percentages should take into consideration work completed over the last 3 years.

8. **Authorized Representative.** An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

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

List of Disciplines (Function Codes) for Question 7

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

List of Experience Categories (Profile Codes for Question 8)

Acoustics, Noise Abatement	Dredging Studies and Design
Aerial Photography; Airborne Data and Imagery Collection and Analysis	Design & Planning Structured Parking Facilities
Activity Centers	Detention Security Systems
Air Pollution Control	Disability / Special Needs
Airports; Nav aids; Airport Lighting; Aircraft Fueling	Ecological and Archeological Investigations
Airports; Terminals and Hangars; Freight Handling	Educational Facilities; Classrooms
Agricultural Development; Grain Storage; Farm Mechanization	Electrical Studies and Design
Animal Facilities	Electronics
Anti-Terrorism/Force Protection	Elevators; Escalators; People-Movers
Area Master Planning	Energy / Water Auditing Savings
Auditoriums and Theaters	Energy Conservation; New Energy Sources
Automation; Controls; Instrumentation	Environmental Impact Studies, Assessments or Statements
Barracks; Dormitories	Fallout Shelters; Blast-Resistant Design
Bridge Design: Bridges	Fire Protection
Cartography	Fisheries; Fish Ladders
Cemeteries (<i>Planning and Relocation</i>)	Forensic Engineering
Chemical Processing and Storage	Garages; Vehicles Maintenance Facilities; Parking
Child Care/Development Facilities	Gas Systems (<i>Propane; Natural, Etc.</i>)
Codes; Standards; Ordinances	Geodetic Surveying: Ground and Airborne
Cold Storage; Refrigeration and Fast Freeze	Heating; Ventilating; Air Conditioning
Commercial Building (<i>Low Rise</i>); Shopping Centers	Highways; Streets; Airfield Paving; Parking Lots
Community Facilities	Historical Preservation
Communications Systems; TV; Microwave	Hospital and Medical Facilities
Computer Facilities	Hotels; Motels
Conservation and Resource Management	<i>Housing (Residential, Multi-Family; Apartments; Condominiums)</i>
Construction Management	Hotels; Motels
Construction Surveying	Hydraulics and Pneumatics
Corrosion Control; Cathodic Protection Electrolysis	Hydrographic Surveying
Cost Estimating; Cost Engineering and Analysis; Parametric Costing; Forecasting	Industrial Buildings; Manufacturing Plants
Cryogenic Facilities	Industrial Processes; Quality Control
Construction Materials Testing	Industrial Waste Treatment
Dams (<i>Concrete; Arch</i>)	Intelligent Transportation Systems
Dams (<i>Earth; Rock</i>); Dikes; Levees	Infrastructure
Desalinization (<i>Process and Facilities</i>)	Irrigation; Drainage
Design-Build - Preparation of Requests for Proposals	Judicial and Courtroom Facilities
Digital Elevation and Terrain Model Development	Laboratories; Medical Research Facilities
Digital Orthophotography	Land Surveying
Dining Halls; Clubs; Restaurants	Landscape Architecture
	Libraries; Museums; Galleries

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REVISED - Attachment I – General Qualifications**

Lighting (*Interior; Display; Theater, Etc.*)
Lighting (*Exteriors; Streets; Memorials; Athletic Fields, Etc.*)
Labs - General
Labs – Research – Dry
Labs – Research – Wet
LEED Accredited A/E
LEED Independent 3rd Party Building Commissioning
Mapping Location/Addressing Systems
Materials Handling Systems; Conveyors; Sorters
Metallurgy
Materials Testing
Measurement / Verification / Conservation Water Consumption Savings
Mining and Mineralogy
Medical Related
Modular Systems Design; Fabricated Structures or Components
Mold Investigation
Museums
Nuclear Facilities; Nuclear Shielding
Office Buildings; Industrial Parks
Outdoor Recreation
Petroleum and Fuel (*Storage and Distribution*)
Photogrammetry
Pipelines (*Cross-Country - Liquid and Gas*)
Phase I Environmental
Prisons & Correctional Facilities
Plumbing and Piping Design
Prisons and Correctional Facilities
Product, Machine Equipment Design Pneumatic Structures, Air-Support Buildings Power Generation, Transmission, Distribution Public Safety Facilities
Radar; Sonar; Radio and Radar Telescopes
Radio Frequency Systems and Shielding's
Railroad; Rapid Transit
Recreation Facilities (*Parks, Marinas, Etc.*)
Refrigeration Plants/Systems
Rehabilitation (*Buildings; Structures; Facilities*)
Research Facilities
Resources Recovery; Recycling
Roof Infrared Imaging to Identify Water Leaks

Roofing
Safety Engineering; Accident Studies; OSHA Studies
Security Systems; Intruder and Smoke Detection
Seismic Designs and Studies
Sewage Collection, Treatment and Disposal
Soils and Geologic Studies; Foundations
Solar Energy Utilization
Solid Wastes; Incineration; Landfill
Special Environments; Clean Rooms, Etc.
Structural Design; Special Structures
Surveying; Platting; Mapping; Flood Plain Studies
Sustainable Design
Swimming Pools
Storm Water Handling and Facilities
Specifications Writing
Toxicology
Testing and Inspection Services
Traffic and Transportation Engineering
Topographic Surveying and Mapping
Towers (*Self-Supporting and Guyed Systems*)
Tunnels and Subways
Traffic Studies
Transportation
Urban renewals; Community Development
Utilities (*Gas and Steam*)
Value Analysis; Life-Cycle Costing
Warehouse and Depots
Water Resources; Hydrology; Ground Water
Water Supply; Treatment and Distribution
Wind Tunnels; Research/Testing Facilities Design
Waste Water Treatment Facility
Water Well Rehabilitation; Water Well Work
Zoning; Land Use Studies

**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:	David Evans and Associates, Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	4600 East Washington Street, Suite 430
c.	FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85034
f.	YEAR ESTABLISHED:	1991

(g1).	OWNERSHIP - TYPE:	Corporation
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	No

h.	POINT OF CONTACT NAME AND TITLE:	Mark Borushko, Land Development General Manager
i.	POINT OF CONTACT TELEPHONE NUMBER:	602-678-5151
j.	POINT OF CONTACT E-MAIL ADDRESS:	mborushko@deainc.com

k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	David Evans and Associates, Inc.
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**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

165	Construction Surveying/Staking	7
50	Transportation and Traffic Engineering	7
60	Environmental Planning	6
50	Stormwater Handling & Facilities	4
165	Housing (Residential, Multifamily, Apartments, Condominiums)	6
50	Irrigation; Drainage	4
165	Land Surveying	7
90	Landscape Architecture	4
50	Planning (Community; Regional; Areawide & State)	5
50	Structural Design; Special Structures	4
165	Railroad and Rapid Transit	9
90	Recreational Facilities (Parks; Marinas; etc.)	5

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 |

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

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section 4 for each key person.)

12. NAME Mark Borushko	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> David Evans and Associates, Inc. Phoenix, Arizona			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MBA, Arizona State University, 1986 BS, Urban Planning, Michigan State University, 1982		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> n/a	

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

Mark serves as General Manager for DEA's Land Development Business Unit with firm-wide responsibility for all aspects of the Business Unit including profit and loss, operations, development and delivery of service offerings, and sales and marketing. Mark brings more than 30 years of experience in real estate development consulting and construction management. He has managed the entitlement of thousands of acres of land ranging from small infill sites and mixed use projects to large master planned communities, as well as the development and construction of infrastructure systems and thousands of builder lots and custom home sites.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
1.	Northern Arizona Veterans Memorial Cemetery at Camp Navajo, Arizona	2014	2014 (anticipated)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mark is serving as Principal-in-Charge for the design of the new cemetery. Services include planning, preliminary design, and final design of the cemetery and associated infrastructure, including drainage, water and sewer system, environmental assessment, landscape architecture, and architecture. Check if project performed with current firm <input checked="" type="checkbox"/>		
2.	Arizona State Veterans Home, Tucson, Arizona	2010	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mark served as Principal-in-Charge for the site civil design elements for a new 130,000 square foot facility. DEA researched existing utilities, modeled water and sewer, prepared a final drainage report and stormwater management plans, and produced final grading, drainage, water, fire, and sewer plans. Check if project performed with current firm <input checked="" type="checkbox"/>		
3.	Rancho Gabriela Water Supply Facility, Surprise, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mark served as Principal-in-Charge for design of the water supply facility that includes water storage, wells, booster pumps, and an arsenic removal system. Services included master planning, design, and construction phasing. Check if project performed with current firm <input checked="" type="checkbox"/>		
4.	Adobe Mountain School Fire Water Distribution System, Phoenix, Arizona	2013	2014 (anticipated)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mark served as Principal-in-Charge for design of upgrades to the fire protection system at the juvenile detention center. This project was let under the 2011 ADOA Annual Services Contract. Check if project performed with current firm <input checked="" type="checkbox"/>		
5.	Prescott Veterans Hospital Electrical Deficiencies Correction for Bldg 148, Prescott, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mark served as Principal-in-Charge for design of upgrades to the electrical system at the Prescott VA Hospital. This project was let under the 2011 ADOA Annual Services Contract. Check if project performed with current firm <input checked="" type="checkbox"/>		

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

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section 4 for each key person.)

12. NAME Ramzi Georges, PE, CFM	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 16	b. WITH CURRENT FIRM 13
15. FIRM NAME AND LOCATION <i>(City and State)</i> David Evans and Associates, Inc. Phoenix, Arizona			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS, Civil Engineering, 1995, Carleton University BS, Business Management, 1995, Carleton University		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Arizona (37287), Professional Civil Engineer, 2002	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
 Ramzi has 16 years of experience in planning and design and water resources engineering. He has also supervised large groups of design experts in the successful execution of complex projects. Prior to working as a site development engineer, Ramzi worked in water resources and was responsible for the preparation of drainage reports, NPDES permits, and 404 delineation plans, giving him an excellent understanding of site drainage and its impacts to development.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
1.	Northern Arizona Veterans Memorial Cemetery at Camp Navajo, Arizona	2014	2014 (anticipated)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/> Ramzi is serving as Project Manager for the design of the new cemetery. Services include planning, preliminary design, and final design of the cemetery and associated infrastructure, including drainage, water and sewer system, environmental assessment, landscape architecture, and architecture.		
2.	Arizona State Veterans Home, Tucson, Arizona	2010	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/> Ramzi served as Project Manager for the site civil design elements for a new 130,000 square foot facility. DEA researched existing utilities, modeled water and sewer, prepared a final drainage report and stormwater management plans, and produced final grading, drainage, water, fire, and sewer plans.		
3.	Adobe Mountain School Fire Water Distribution System, Phoenix, Arizona	2013	2014 (anticipated)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/> Ramzi served as Project Manager for design of upgrades to the fire protection system at the juvenile detention center. This project was let under the 2011 ADOA Annual Services Contract.		
4.	Prescott Veterans Hospital Electrical Deficiencies Correction for Bldg 148, Prescott, Arizona	2011	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/> Ramzi served as Project Manager for design of upgrades to the electrical system at the Prescott VA Hospital. This project was let under the 2011 ADOA Annual Services Contract.		
5.	Veterans Memorial Cemetery Floodplain Feasibility Study, Marana, Arizona	2014	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Check if project performed with current firm <input checked="" type="checkbox"/> Ramzi served as project manager for a feasibility study and floodplain analysis for a potential site for a new cemetery near Marana. This project was let under the 2011 ADOA Annual Services Contract.		

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REVISED - Attachment I – General Qualifications**

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section 4 for each key person.)

12. NAME Tom Lute, RLS	13. ROLE IN THIS CONTRACT Survey Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 40	b. WITH CURRENT FIRM 23
15. FIRM NAME AND LOCATION <i>(City and State)</i> David Evans and Associates, Inc. Phoenix, Arizona			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Survey & Construction Technical Program, 1978, University of Akron		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Arizona (14959), Registered Land Surveyor, 1982 Ohio (6730), Registered Land Surveyor, 1981	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
As survey manager for DEA's Phoenix office, Tom is responsible for each surveying project from research through submittal of final deliverables. With more than 40 years of experience, he has provided project management for a wide variety of surveying projects, including control, ALTA, boundary, topographic, route, and cadastral surveys; right-of-way acquisition surveys; legal description preparation; strip maps; and construction surveying.

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
1.	SR89A, SR179 to Airport Road, Sedona and Flagstaff, Arizona	2012	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Tom served as Project Manager for a control survey, data collection along 25 miles of SR89A from Sedona to Flagstaff using our TITAN® Mobile Laser Scanning System, and topographic mapping, DTM and a "best fit" centerline alignment for a 3.5 mile area. By using mobile laser scanning, DEA was able to collect the point cloud data in less than one week without any lane closures and minimal entry into the highway right-of-way. This project was assigned under the ADOT on-call services contract that DEA has had since 2005.		
2.	Scottsdale Sonoran Preserve Priority 2 & 4 ALTA/ACSM Land Title Surveys, Scottsdale, AZ	2012	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Tom served as Project Manager and Project Surveyor for an ALTA/ACSM Land Title Survey on a 1,937-acre parcel and a 1,139-acre parcel in North Scottsdale. City of Scottsdale needed the documents for the proposed purchase of property from AZ State Land Department. This survey spanned six sections of land and required the re-establishment of two section corners. A Record of Survey drawing was filed with Maricopa County.		
3.	Pinnacle Peak Area Drainage Master Plan Study/Plan Mapping, Maricopa County, AZ	2011	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE DEA was selected as a subconsultant to Cooper Aerial Mapping to provide digital topographic maps for approximately 60-square miles in north-central Maricopa County, Arizona. DEA tasks included project control survey, setting aerial panels, performing GPS observations for airborne GPS, and using the TITAN® Mobile Laser Scanner to scan 150 miles of major roadway to create a DTM to 1-foot interval mapping standards which was incorporated into the 2-foot contour interval mapping created by Cooper Aerial. Tom served as Project manager for this effort.		
4.	Apache Junction On-Call Survey Services, Apache Junction, AZ	On-Going	n/a
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE DEA is currently under contract with the city of Apache Junction to provide on-call surveying services on an "as needed" basis. A recently completed task order under this on-call was a right-of-way determination for 3 miles of Meridian Road. This survey will be used to supplement a preliminary design project to reconstruct the roadway.		

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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 <i>(City and State)</i> Northern Arizona Veterans Memorial Cemetery at Camp Navajo, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014 (anticipated)

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Administration	d. DOLLAR AMOUNT OF PROJECT \$703,000 (fee)	e. TOTAL COST OF PROJECT \$7.1 million
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

DEA led the design of a new Veteran's Memorial Cemetery in Northern Arizona. The site is located within the Camp Navajo National Guard Facility but the property will be transferred to Arizona Department of Veteran's Services. DEA conducted a preliminary site investigation that included survey, soil investigation, utility research, and an environmental assessment. Site master planning included a design charette, and architectural elements. DEA then developed the preliminary site concept and designed the site grading and drainage, erosion control plans, water (well) and sewer system, and pump; and managed fire protection, landscape architecture, and architectural design. Offsite improvements included roadway design to connect to the existing roadway on the base. DEA also coordinated with the base for security clearances and with the base engineering and maintenance staff during design. DEA will also provide construction administration services. The project was designed to achieve LEED Silver certification.

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> SR89A, SR179 to Airport Road, Sedona and Flagstaff, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> n/a

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Transportation	d. DOLLAR AMOUNT OF PROJECT \$54,800	e. TOTAL COST OF PROJECT \$54,800
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

As part of DEA's on-call contract with ADOT, DEA performed a control survey, collected data along 25 miles of SR89A from Sedona to Flagstaff using our TITAN® Mobile Laser Scanning System, and provided topographic mapping, DTM and a "best fit" centerline alignment for the 3.5 mile area from Pump House Wash to the Overlook Scenic Rest Area. By using mobile laser scanning, DEA was able to collect the point cloud data in less than one week without any lane closures and minimal entry into the highway right-of-way. The scan data also allowed the DTM file to include the cut walls without having to occupy the steep slopes providing a much safer project overall.

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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> Arizona State Veterans Home, Tucson, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2012

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Veterans Services	d. DOLLAR AMOUNT OF PROJECT \$28,000,000	e. TOTAL COST OF PROJECT \$28,000,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

The Arizona State Veterans Home is a 130,000 square foot facility located adjacent to the Tucson Veterans Hospital at 6th Avenue and Ajo Way in Tucson, Arizona. This \$28M, 120-bed skilled nursing facility provides long term and rehabilitative care for geriatric and chronically ill veterans and dependent/surviving spouses from throughout Arizona. As a subconsultant, DEA provided civil engineering services for this fast-track design-build project. Tasks included researching existing utilities, water and sewer modeling, preparing a final drainage report and stormwater management plans, and producing final grading, drainage, water, fire, and sewer plans.

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> Rancho Gabriela Water Supply Facility, Surprise, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2011	CONSTRUCTION <i>(If applicable)</i> 2011

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Surprise	d. DOLLAR AMOUNT OF PROJECT \$12,500,000	e. TOTAL COST OF PROJECT \$12,500,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

DEA designed the Rancho Gabriela Water Supply Facility that serves the southern portion of the City of Surprise. The facility was built in response to additional water demand and consists of 5.5 million gallons of water storage, 3 groundwater wells, booster pumps with capacity of 21,000 gpm (30.2 MGD), and an arsenic removal system to treat a raw water flowrate of 12,000 gpm (17.3 MGD).

The facility was designed and constructed in four phases over a period of 10 years. DEA prepared a water supply facility master plan that sized and defined each phase. The master plan established demand increments that specified when the next phase was required.

The water storage reservoirs consist of above ground steel tanks. The original reservoir has a capacity of 3.5MG and the second reservoir added during expansion phase 3 has a capacity of 2.0MG. The booster pumps are veritable frequency drive pumps to allow additional flexibility with pumping rates and result in less energy usage. The entire facility is control by equipment housed in two buildings. The facility also includes two hydropneumatic tanks to account for nuisance demands. Two standby generators provide emergency power in the event of a citywide power outage.

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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 <i>(City and State)</i> Ed Pastor Regional Transit Center at Central and Broadway, Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If applicable)</i> 2004

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Phoenix	d. DOLLAR AMOUNT OF PROJECT \$3,500,000	e. TOTAL COST OF PROJECT \$3,500,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

DEA was the lead firm providing engineering, planning, landscape architecture, urban design, historic preservation, and construction management services for this transit center project. The 5-acre transit center at South Mountain Village in Phoenix provides increased bus capacity and operational flexibility to accommodate transit needs in the area. The center has eight bus bays, bicycle racks and lockers, signage and other information/way finding, shelter from the elements, waiting areas, pedestrian crossings, trash receptacles, benches, landscaping, and public art. This \$3.5 million project incorporates a restored historic building and highlights the agricultural heritage of south Phoenix. The project also involved coordination with local stakeholders as well as a multidiscipline project team. A goal of the project was to develop a more modern image for the area, and ensure the center's compatibility with the nearby South Mountain Preserve Park.

6. ADDITIONAL INFORMATION

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

David Evans and Associates, Inc. (DEA) takes pride in providing quality, value-driven service to both public and private clients throughout Arizona. We set a high standard for quality and seek to understand the needs of each client. Strong client relationships with sound project management skills provide the formula for continued project success.

DEA is experienced with executing on-call contract task orders for many government agencies throughout Arizona, including the Arizona Department of Transportation, Maricopa County Department of Transportation, Flood Control District of Maricopa County, City of Phoenix, City of Tempe, City of Glendale, City of Scottsdale, and Town of Queen Creek.

DEA is committed to providing engineering and surveying services to Arizona Department of Administration and is available to proceed with task orders without delay.

FIRM OVERVIEW

DEA is a multi-disciplinary consulting firm that has been filling the need for high-quality engineering, planning, and surveying services since 1976. The Phoenix office was established in 1991. Today, DEA has more than 650 employees including professional engineers, surveyors, planners, transportation experts, right-of-way specialists, and construction managers. The firm has 20 offices in Arizona, California, Colorado, Idaho, New York, Oregon, and Washington.

DEA's organization includes four business lines: transportation, land development, water, and energy. All four business lines are supported by a geomatics (survey) center of excellence, an alternative delivery methods discipline, a landscape architecture group, environmental professionals, and a construction management team as needed.

DEA has implemented an aggressive, firmwide program of Total Quality Management (TQM). Committees in each office specifically identify issues, develop recommendations, and implement solutions. The firm's goal is to achieve "built-in" quality systems at the beginning of a project through to its completion. Quality control provides an additional assurance that all processes are working and that the end product will meet the client's high standards.

ENGINEERING SERVICES

Land Development Engineering

Land Planning & Entitlement Services

- Land Acquisition Due Diligence
- Pre-Development Scheduling and Coordination
- Critical Path Management
- Preliminary Land Planning/Lotting Studies
- Site Planning
- Sustainable Community Design
- Land Use/Zoning Strategies
- Rezoning Coordination and Presentations
- Governmental Agency/Environmental Permitting
- Neighborhood Outreach/Public Participation
- Development Cost Estimates

Civil Engineering Design Services

- Residential Design
- Site Development
- Grading and Drainage Plans
- Paving Design
- Utility Design and Coordination

Transportation Engineering

Transportation Engineering

- Roads and Highways
- Bikeways
- Light Rail

- Airport Facilities
- Roundabouts

Transportation Planning

- Multimodal, Highway & Transit Planning
- Corridor Studies
- Transit Station Planning
- Park-and-Ride Planning
- Intelligent Transportation Systems (ITS)/Advanced Technology Plans
- Federal and State Environmental Documentation

Traffic Engineering

- Signing & Striping Plans
- Signal Design
- Pedestrian/Parking Studies
- Accident Analyses
- Traffic Impact Analyses
- Roundabouts

Bridge Engineering & Inspection

- Bridge Design
- Bridge Type Selection Reports
- Bridge Rehabilitation
- Bridge Inspection
- Bridge Management

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REVISED - Attachment I – General Qualifications**

- Bridge Overload Permitting Analysis and Inspection

Water Engineering

Water Resource Services

- Hydrology/Hydraulics Analysis & Design
- Floodplain Delineation Studies
- Watershed Analysis
- Solutions to Street Flooding Problems
- Roadway Drainage Design
- FEMA LOMR/CLOMR Studies
- 401 Certification/404 Permitting

Water/Wastewater Services

- Water/Wastewater Master Plans
- Wastewater Collection Systems
- Large Diameter Trunk Sewers
- Lift Stations and Force Mains
- Waterlines
- Booster Stations
- Water Distribution Systems
- Well Sites
- Water Storage Facilities
- Hydropneumatic Tanks
- Water Disinfection
- PRV Stations
- Construction Administration/Inspection

Energy Engineering

Traditional Energy

- Site Selection
- Permitting
- Electrical Design
- Transmission and Distribution Line Design
- Substation Design
- Site Civil Design

Renewable Energy Design (Solar, Wind, Geothermal, and Wave)

- Site Selection
- Feasibility Studies
- Wind Potential Analysis
- Tower & Turbine Placement
- Impact Analysis
- Permitting
- Electrical Design
- Site Civil Design

LANDSCAPE ARCHITECTURE SERVICES

- Planting and Irrigation Design
- Project Thematic and Neighborhood Character Design
- Gateway and Streetscape Design
- Playground, Trail and Trailhead Design
- Athletic Fields and Sport Courts
- Open Space Master Planning
- Reclamation and Restoration
- Erosion Control and Bank Stabilization
- Park Planning and Design
- Wayfinding and Signage Guideline Preparation

LAND SURVEYING SERVICES

- Mobile Laser Scanning
- 3D Laser Scanning
- Geodetic Surveys
- Cadastral Surveys
- ALTA Surveys
- Boundary Surveys
- Topographic Surveys
- Hydrographic Surveys
- Construction Surveys
- Field-to-Finish Mapping
- GPS Surveys
- Base Mapping Services
- Platting 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:	37
b.	Percentage of Total Work Attributable to Non-Government Work:	27

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

Signature: 

Date: December 4, 2013

Name: Mark D. Borushko

Title: Vice President & General Manager