

**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**

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**List of Disciplines (Function Codes) for Question 7**

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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		

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**List of Experience Categories (Profile Codes for Question 8)**

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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; Navaids; 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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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 3<sup>rd</sup> 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

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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:	Wheat Scharf Associates
b.	FIRM (OR BRANCH OFFICE) STREET:	442 North Sixth Avenue
c.	FIRM (OR BRANCH OFFICE) CITY:	Tucson
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85705
f.	YEAR ESTABLISHED:	1997
(g1).	OWNERSHIP - TYPE:	Corporation
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	Yes
h.	POINT OF CONTACT NAME AND TITLE:	Eric Scharf, Prinicpal
i.	POINT OF CONTACT TELEPHONE NUMBER:	520-884-7911
j.	POINT OF CONTACT E-MAIL ADDRESS:	escharf@wheatscharf.com
k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	

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REVISED - Attachment I – General Qualifications**

**2. EMPLOYEES BY DISCIPLINE**

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Landscape Architecture	P	6	
Other	P	1	
<b>Total</b>		<b>7</b>	



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

a. NAME Laura Mielcarek	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 15	2. WITH CURRENT FIRM 15
d. FIRM NAME AND LOCATION <i>(City and State)</i> Wheat Scharf Associates, Tucson, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> MLA, Landscape Architecture BA, Conservation Biology		f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Arizona, Landscape Architecture	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> ADOT Erosion Control Coordinator			

**H. RELEVANT PROJECTS**

1)	(1) TITLE AND LOCATION <i>(City and State)</i> Downtown Links, Tucson, AZ	(2) Year Completed	
		Professional Services	Construction <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This project is ongoing. The project is a 1.6-mile long, four-lane roadway with enhanced pedestrian and bicycle access routes. Improvements include more efficient access to Downtown, shopping and neighborhoods through new underpasses, railroad crossings and sidewalks. Scope includes landscape, irrigation, hardscape, and the 9th Avenue Deck Plaza. Total project cost: \$60,000,000.		
2)	(1) TITLE AND LOCATION <i>(City and State)</i> Julian Wash Multi-use Path, Wilmot to Valencia and Valencia to Drexel Tucson, 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 <input checked="" type="checkbox"/> Check if project performed with current firm These projects are 1.6 and 1.2 mile long segments of Pima County's Loop, a 55-mile long multi-use pathway system. The scopes included hard and soft paths consistent with the County's Divided Urban Pathway model, a pedestrian bridge, micro-basins to harvest stormwater and landscape and irrigation improvements. WSA's fees: \$80,000.		
3)	(1) TITLE AND LOCATION <i>(City and State)</i> I-10, Ina Road to Ruthrauff Road, DCR and EA, Tucson, AZ	(2) Year Completed	
		Professional Services 2013	Construction <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm I-10 improvements study that included preparation of an ADOT Design Concept Report and Environmental Assessment, a Project Implementation Plan, and preliminary engineering plans. WSA's scope included a cost estimate for planting, irrigation, architectural treatments and erosion control for the DCR, as well as visual analysis for the EA. WSA's fees: \$8,000		
4)	(1) TITLE AND LOCATION <i>(City and State)</i> Hughes Access Road Relocation, Tucson, AZ	(2) Year Completed	
		Professional Services	Construction <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm WSA's scope includes Erosion Control/seeding plans, cost estimates and Special Provisions to County standard specifications. The project is ongoing. WSA's fees: \$30,000.		
5)	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) Year Completed	
		Professional Services	Construction <i>(if applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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.)

<b>a. NAME</b> Faye Samson	<b>b. ROLE IN THIS CONTRACT</b> Project Manager	<b>c. YEARS EXPERIENCE</b>	
		<b>1. TOTAL</b> 15	<b>2. WITH CURRENT FIRM</b> 9
<b>d. FIRM NAME AND LOCATION</b> (City and State) Wheat Scharf Associates, Tucson, AZ			
<b>e. EDUCATION</b> (DEGREE AND SPECIALIZATION) Bachelor of Landscape Architecture Associate of Arts		<b>f. CURRENT PROFESSIONAL REGISTRATION</b> (STATE AND DISCIPLINE) Arizona, Landscape Architecture	
<b>g. OTHER PROFESSIONAL QUALIFICATIONS</b> (Publications, Organizations, Training, Awards, etc.) ADOT Erosion Control Coordinator			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) Year Completed	
		Professional Services	Construction (if applicable)
1)	SR 83, MP 11.9 Canelo Paving Improvements, Santa Cruz County, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The work consists of pavement removal and replacement, drainage swale grading, pavement marking, and other incidental work. WSA's scope was preparing erosion and sediment control plans. The project has yet to go to construction. WSA's fees: \$11,000.		
2)	Sahuarita Road at I-19 Traffic Interchange Improvements, Sahuarita, AZ	2012	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm This local government project reconstructs the TI, widening Sahuarita Road from 3 to 10-lanes. WSA's scope includes Architectural Treatment (AT) design, landscape and irrigation design and collaboration with drainage engineers to harvest rainfall. The project has yet to go to construction. WSA's fees: \$132,000		
3)	Guidelines for Highways on Federal Land, AZ	2009	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Guidelines, published by the Arizona Department of Transportation (ADOT), is a primary reference for the design and construction of highways on United States Forest Service (USFS) lands. It was revised to include construction of highways on Bureau of Land Management (BLM) lands and to update content. WSA's fees: \$246,000.		
4)	ADOT Erosion and Pollution Control Manual, AZ	2013	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm The Manual is the primary reference for stormwater erosion and pollution control for ADOT highway design and construction. Revisions include extensive research to update all chapters of the 2005 Manual to current standards and practices, and redesign of Best Management Practices (BMP) information sheets to include photographs and illustrations. WSA's fees: \$303,000		

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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>		b. YEAR COMPLETED	
Sahuarita Road at I-19 Traffic Interchange Improvements, Sahuarita, AZ		PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> TBD
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
Town of Sahuarita in partnership with ADOT	WSA's fees: \$132,000	\$31,155,000 (est.)	

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

This local government project reconstructs the TI, widening Sahuarita Road from 3 to 10 lanes. WSA's scope included Architectural Treatment (AT) design, landscape and irrigation design and collaboration with drainage engineers to harvest rainfall. The AT theme, Celebration of the Sonoran Desert, features elements on the sidewalk barriers, retaining walls and bridge barrier, pedestrian fence, piers and wing walls; the retaining walls along Sahuarita Road are visible from adjacent parking lots, pedestrian and neighborhood traffic. Planting and irrigation design complement recent improvements on Sahuarita Road to the east, emphasizing native species used successfully in that section. The project will retain acres of existing native plants in the existing TI quadrants and the existing ramps will be obliterated and revegetated. The new ramps are slightly elevated to harvest rainwater. Additionally, rainfall from Sahuarita Road will be harvested in shallow basins in medians and back of curb areas.

Most of WSA's projects are public sector (transportation, public facilities and parks) and many projects are multi-jurisdictional: under contract to one agency and coordinating with others. This project is an example of WSA's effectiveness, experience and capabilities working with multiple jurisdictions (and departments within them), and within a design team. WSA Key Personnel on this were Faye Samson, Project Manager, and Laura Mielcarek, Quality Control.

**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>		b. YEAR COMPLETED	
Interstate 10/Twin Peaks Traffic Interchange, Tucson, AZ		PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2010
23. PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT	
Town of Marana in partnership with ADOT	WSA's fees: \$234,000	\$75,221,000 (est.)	

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

The Twin Peaks Interchange provides an important regional connection for northern Pima County. Three new bridges along Twin Peaks Road were included as part of the project: across the Santa Cruz River, I-10 and Union Pacific railroad. This project is one of the Regional Transportation Authority's (RTA) major accomplishments in the first phase of its 20 year plan. WSA's scope included landscape and irrigation design, compliance with Native Plant Preservation Ordinance, Santa Cruz River revegetation plans to comply with Corps of Engineers 404 mitigation plan requirements, erosion/ sediment control plans, and Architectural Treatments (AT). AT included formliner design for the MSE walls, bridge barriers, bridge piers and sidewalk barriers; decorative sidewalk design; median feature and decorative metal work for the pedestrian fencing on the I-10 and railroad bridges all inspired by the Santa Cruz River.

This project is another example of multi-jurisdictional experience where Laura Mielcarek was the WSA Project Manager. Our contract was with URS Corp (under contract to the Town of Marana). Laura coordinated WSA's work expertly with agencies: Marana, ADOT and Pima County, and within the design team.

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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>  ADOT Guidelines for Highways on Federal Land	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER  ADOT	d. DOLLAR AMOUNT OF PROJECT  WSA's fees: \$246,000	e. TOTAL COST OF PROJECT  \$246,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project updated the ADOT Guidelines for Highways on Bureau of Land Management and U.S. Forest Service Lands—a primary reference document—to provide comprehensive guidance for planning, design, construction and maintenance of ADOT projects on lands administered by the USFS and BLM. These agencies manage approximately 30 percent of the land in Arizona and are charged with minimizing and mitigating highway-related disturbances to resources. The Guidelines describe accepted procedures and the needs and concerns of each agency in the creation of safe, environmentally sound and aesthetically pleasing highway corridors.

The existing Guidelines were completely rewritten and reformatted incorporating new, technical and multi-disciplinary information from both collaboration among key stakeholders (ADOT, USFS, BLM and FHWA) and extensive research. Supplemental, digital presentations and self-paced tutorials were also developed. The project updated methodologies, applications, techniques and materials, and eliminated outdated past practices. Topics include: Roadway Design and Construction, Habitat Connectivity, Landscape Restoration, and Stormwater and Pollution Control. The Guidelines, presentation and tutorials are fundamental resources and training tools for agency staff, consulting design professionals and contractors.

As WSA Project Manager, Faye Samson:

- Led multiple-agency steering committee meetings.
- Collected and organized meeting information and data from other, agency professionals.
- Organized and coordinated the document review process by state and federal agencies.
- Based updates on current research, agency input and Best Management Practices (BMPs).
- Developed digital presentations: an overview and 12, chapter/appendix tutorials to maximize accessibility to the information.

This project illustrates WSA's capabilities as prime consultant and facility with a wide range of topic matter across state and federal agencies.

**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>  Barrio Anita Transportation Enhancement Project, Tucson, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If applicable)</i> 2004

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER  City of Tucson, AZ	d. DOLLAR AMOUNT OF PROJECT  WSA's fees: \$36,000	e. TOTAL COST OF PROJECT  \$114,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

WSA's scope included writing of a (successful) Transportation Enhancement (TE) grant application; preparation of a Design Concept Report; facilitation of the public art process with the neighborhood; planting, irrigation, hardscape and ramada design for a community park space in the Barrio Anita neighborhood; and public participation and coordination. WSA coordinated design with the public artists, neighborhood association, engineers, ADOT, and City of Tucson.

This is an example of a project where WSA was involved as the prime consultant from the very outset (assisting the City and neighborhood with the TE grant application process) to the very end (performing post-design through to the completion of construction). It confirms WSA's experience and capabilities at managing projects at a wide range of scales. Laura Mielcarek was WSA PM.

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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>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Skyline Drive Design/Build Project, Tucson, AZ	2004	2004

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Pima County Department of Transportation	WSA's fees: \$92,600	\$22,500,000 (est.)

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

This was Pima County's first design/build roadway project. WSA's scope included a Native Plant Preservation Plan (NPPP); plant and irrigation design; coordination with project artists on the development of noise and retaining wall aesthetics, seating areas, and project material choices; and public input and coordination. The project is 2.5 miles in length. Due to the fast-track schedule for the project and desire for an "open door" relationship with the public, the project office (where all design work took place and out of which all construction was managed) was set up adjacent to the neighborhood.

This project is in a suburban to rural environment where the goals of landscape improvements focused on mitigating damage from construction by minimizing the extent of the impact and repairing the damage with native materials.

It demonstrates WSA's competence in working collaboratively and effectively with the engineering team and contractor, while maintaining the public's confidence and coordinating the work of the public artists.



**6. ADDITIONAL INFORMATION**

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

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

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

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name: \_\_\_\_\_ Title: \_\_\_\_\_