

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.

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; 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

**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
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:	BURGESS AND NIPLE, INC.
b.	FIRM (OR BRANCH OFFICE) STREET:	1500 NORTH PRIEST DRIVE
c.	FIRM (OR BRANCH OFFICE) CITY:	TEMPE
d.	FIRM (OR BRANCH OFFICE) STATE:	ARIZONA
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85281
f.	YEAR ESTABLISHED:	1984

(g1).	OWNERSHIP - TYPE:	CORPORATION
(g2)	OWNERSHIP - SMALL BUSINESS STATUS:	NOT APPLICABLE

h.	POINT OF CONTACT NAME AND TITLE:	EDWIN J. MUCCILLO, JR., PE, OWNER/DIRECTOR
i.	POINT OF CONTACT TELEPHONE NUMBER:	602-244-8100 EXT 5327
j.	POINT OF CONTACT E-MAIL ADDRESS:	ED.MUCCILLO@BURGESSNIPLE.COM

k.	NAME OF FIRM <i>(If block 1a is a branch office):</i>	
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**RFQ# ADSPO14-00003465, Annual Request for Qualifications and Experience
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
Architects	P	10	0
CADD Technicians	P	15	0
Civil Engineers	P	88	4
Construction Inspectors	P	12	0
Electrical Engineers	P	8	0
Environmental Engineers	P	5	0
Environmental Scientists	P	5	0
Geologists	P	10	0
Interior Designers	P	2	0
Land Surveyors	P	6	0
Landscape Architects	P	2	0
Mechanical Engineers	P	4	0
Planners: Urban/Regional	P	2	0
Sanitary Engineers	P	23	1
Soils Engineers	P	2	0
Structural Engineers	P	47	1
Transportation Engineers	P	32	5
Designers	P	17	0
Engineering Technicians	P	4	0
Survey Technicians	P	11	0
Other	P	72	0
Total		377	11

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

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)
18	Barracks; Dormitories	6
419	Bridges	8
116	Child Care/Development Facilities	6
188	Commercial Building (low rise); Shopping Centers	3
666	Communications Systems; TV; Microwave	4
25	Construction Management	3
13	Design Build – Preparation of Proposals	3
83	Educational Facilities; Classrooms	5
281	Environmental Impact Studies, Assessments or Statements	6
39	Environmental Remediation	4
36	Environmental Testing and Analysis	3
29	Garages; Vehicle Maintenance Facilities; Parking Decks	5
343	Highways; Streets; Airfield Paving; Parking Lots	8
56	Housing (Residential, Multi-Family; Apartments; Condominiums)	3
9	Laboratories; Medical Research Facilities	4
116	Office Buildings; Industrial Parks	5
50	Planning (Community, Regional, Areawide and State)	5
249	Planning (Site, Installation, and Project)	5
174	Power Generation, Transmission, Distribution	4
117	Recreation Facilities (Parks, Marinas, Etc.)	4
32	Rehabilitation (Buildings, Structures, Facilities)	4
2	Research Facilities	3
779	Sewage Collection, Treatment and Disposal	8
76	Soils & Geologic Studies; Foundations	4
65	Structural Design; Special Structures	5
1,278	Surveying; Platting; Mapping; Flood Plain Studies	6
99	Storm Water Handling & Facilities	4
91	Testing & Inspection Services	4
95	Traffic & Transportation Engineering	4
141	Urban Renewals; Community Development	5
84	Water Resources; Hydrology; Ground Water	4
476	Water Supply, Treatment and Distribution	7

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

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

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Edwin J Muccillo, PE	Principal	1. TOTAL 23	2. WITH CURRENT FIRM 20
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) MS, Environmental Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE, APWA			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Upper Zone Reliability Improvement, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project principal for design improvements for six existing booster pump stations, including reliability improvements. Project fee was \$203,000.		
2)	(1) TITLE AND LOCATION (City and State) County Line Pump Station No.2 and 24-inch Water Transmission Main, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project principal for pump station design improvements which included new 5.0 MGD pump station, 6,000 gallon surge tank and one mile of 24-inch water transmission main. The project design fee was \$250,000 and the construction cost was \$3.5 million.		
3)	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project principal to provide planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
4)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County,	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project principal involved in performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
5)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project principal for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		

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

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

a. NAME Robert Conti, PE	b. ROLE IN THIS CONTRACT Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 48	2. WITH CURRENT FIRM 8
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AZ Water, WEF			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Upper Zone Reliability Improvements, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided QA/QC and constructability review for design improvements for six existing booster pump stations, including reliability improvements. The project design fee was \$203,000.		
2)	(1) TITLE AND LOCATION (City and State) County Line Pump Station No.2 and 24-inch Water Transmission Main, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Involved in QA/QC and constructability review for pump station improvements which included a new 5.0 MGD pump station, 6,000 gallon surge tank and one mile of 24-inch water transmission main. The project design fee was \$250,000 and the construction cost was \$3.5 million.		
3)	(1) TITLE AND LOCATION (City and State) District 2 Sacaton Flats Subdivision 2-1 Infrastructure Upgrade, Gila River Indian Community, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for infrastructure improvements, which included 8,000 LF of 12-inch water main, 2,800 LF of 6-inch force main, and 4,600 LF of 8-inch gravity sewer. This project included abandoning existing septic tank facilities on individual lots and designing new gravity sewer services to five feet from existing dwellings. Also, the gravity sewer and water main design had to be coordinated with the concurrent design of a new District Multi-Purpose Building. Design fee was \$40,000.		
4)	(1) TITLE AND LOCATION (City and State) Brooks/Lindsay Pump Stations Expansion, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conducted QA/QC for pump station design improvements. Design included the installation four (4) new pumps and motors along with VFDs increasing the firm capacity from 30 MGD to 41 MGD for Brooks Pump Station and from 40 MGD to 45 MGD for Lindsay Pump Station. The project also included a new on-site chlorination unit, a new 36-inch reservoir inlet line, and solar-bee mixing system for the 10 MG reservoir and electrical improvements for both pump stations. The project design fee was \$450,000.		
5)	(1) TITLE AND LOCATION (City and State) Lift Station Rehabilitation, Gila River Indian Community, Sacaton, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Led the design of 12 sewage lift station sites. Provided a standardized design for all lift stations and all sites were designed to the same specifications, allowing the Community to have a system wide unified lift station design, reducing anticipated maintenance costs and efforts. The project design fee was \$141,000.		

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

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

a. NAME Bhaskar Kolluri, PE		b. ROLE IN THIS CONTRACT Project Manager		c. YEARS EXPERIENCE	
				1. TOTAL 11	2. WITH CURRENT FIRM 8
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ					
e. EDUCATION (DEGREE AND SPECIALIZATION) MS, Environmental Engineering			f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil		
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) AZ Water, ASCE, AWWA					

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Upper Zone Reliability Improvements, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as the project manager for design improvements for six existing booster pump stations, including reliability improvements. Project fee was \$203,000.		
2)	(1) TITLE AND LOCATION (City and State) County Line Pump Station No.2 and 24-inch Water Transmission Main, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Led design improvements which included a new 5.0 MGD pump station, 6,000 gallon surge tank and one mile of 24-inch water transmission main. Project design fee was \$250,000 and the construction cost was \$3.5 million.		
3)	(1) TITLE AND LOCATION (City and State) Pasadena Pump Station Expansion, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Led design improvements which included the installation of five new pumps and motors along with VFDs. Also designed a new on-site chlorination unit, new 20,000 gallon surge tank, new 36-inch reservoir inlet line, solar-bee mixing system and 100,000 sq ft liner for the 10 MG reservoir and associated electrical improvements. Project design fee was \$375,000 and the construction cost was \$2.5 million.		
4)	(1) TITLE AND LOCATION (City and State) Brooks/Lindsay Pump Stations Expansion, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm - 1 Led design improvements which included the installation four new pumps and motors along with VFDs increasing the firm capacity from 30 MGD to 41 MGD for Brooks Pump Station and from 40 MGD to 45 MGD for Lindsay Pump Station. Also designed a new on-site chlorination unit, a new 36-inch reservoir inlet line, and solar-bee mixing system for the 10 MG reservoir and electrical improvements for both pump stations. Project design fee was \$450,000 and construction cost was \$4.5 million.		
5)	(1) TITLE AND LOCATION (City and State) Lift Station Rehabilitation, Gila River Indian Community, Sacaton, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer involved in the design of 12 sewage lift station sites. Provided a standardized design for all lift stations and all sites were designed to the same specifications, allowing the Community to have a system wide unified lift station design, reducing anticipated maintenance costs and efforts. Project design fee was \$141,000.		

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

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

a. NAME Eric Bay, PE	b. ROLE IN THIS CONTRACT Project Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 6	2. WITH CURRENT FIRM 6
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE, APWA			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Upper Zone Reliability Improvement, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer for pump station design improvements for six existing booster pump stations, including reliability improvements. Project fee was \$203,000.		
2)	(1) TITLE AND LOCATION (City and State) County Line Pump Station No.2 and 24-inch Water Transmission Main, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer for pump station design improvements which included a new 5.0 MGD pump station, 6,000 gallon surge tank and one mile of 24-inch water transmission main. The project design fee was \$250,000 and the construction cost was \$3.5 million.		
3)	(1) TITLE AND LOCATION (City and State) District 2 Sacaton Flats Subdivision 2-1 Infrastructure Upgrade, Gila River Indian Community, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer for the design of 8,000 LF of 12-inch water main, 2,800 LF of 6-inch force main, and 4,600 LF of 8-inch gravity sewer. This project included abandoning existing septic tank facilities on individual lots and designing new gravity sewer services to five feet from existing dwellings. Design fee was \$40,000.		
4)	(1) TITLE AND LOCATION (City and State) Brooks/Lindsay Pump Stations Expansion, City of Mesa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm - Project engineer for pump station design improvements. Design included the installation four new pumps and motors along with VFDs increasing the firm capacity from 30 MGD to 41 MGD for Brooks Pump Station and from 40 MGD to 45 MGD for Lindsay Pump Station. Also designed a new on-site chlorination unit, a new 36-inch reservoir inlet line, and solar-bee mixing system for the 10 MG reservoir and electrical improvements for both pump stations. Design fee was \$450,000.		
5)	(1) TITLE AND LOCATION (City and State) Lift Station Rehabilitation, Gila River Indian Community, Sacaton, AZ	(2) Year Completed	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer involved in the design of 12 sewage lift station sites. Provided a standardized design for all lift stations and all sites were designed to the same specifications, allowing the Community to have a system wide unified lift station design, reducing anticipated maintenance costs and efforts. Design fee was \$141,000.		

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

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

a. NAME Jason Pagnard, PE	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 15	2. WITH CURRENT FIRM 15
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASHE, Chi Epsilon			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project manager to perform planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
2)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County, Arizona	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
3)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		
4)	(1) TITLE AND LOCATION (City and State) SR 347/UPRR Grade Separation Alternative Development, Maricopa, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager tasked by MAG to conduct a workshop to explore and develop new conceptual alternatives for the proposed grade separation of the existing SR-347 at-grade Union Pacific Railroad (UPRR) crossing in the City of Maricopa. The existing at-grade crossing is in a developed area and is adjacent to several roadway intersections and the Maricopa High School. The alternatives developed considered regional travel, improved connectivity to support economic development, and cost less to build than the alternative currently being considered. Project fee was \$43,792.		
5)	(1) TITLE AND LOCATION (City and State) Wild Rose Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for an 11-mile Arizona Parkway feasibility study to provide MCDOT, Surprise, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. The study includes extensive stakeholder involvement, identification of opportunities and constraints, and alternatives development and analysis. The project fee was \$358,000.		

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

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

a. NAME Jamie Blakeman, PE, PTOE	b. ROLE IN THIS CONTRACT Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 18	2. WITH CURRENT FIRM 2
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers, Member Intelligent Transportation Society, Member			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer to perform planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
2)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County, Arizona	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
3)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		
4)	(1) TITLE AND LOCATION (City and State) Foothills Academy Elementary Prep School Traffic Impact Analysis, Cave Creek, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager for a traffic impact analysis for a proposed private school in Cave Creek, AZ. Study was conducted per MCDOT and Cave Creek standards and included analysis of existing, future, and future plus site traffic conditions. Project fee was \$12,400.		
5)	(1) TITLE AND LOCATION (City and State) Wild Rose Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for an 11-mile Arizona Parkway feasibility study to provide MCDOT, Surprise, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. The study includes extensive stakeholder involvement, identification of opportunities and constraints, and alternatives development and analysis. The project fee was \$358,000.		

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

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

a. NAME Todd Cencimino, PE	b. ROLE IN THIS CONTRACT Senior Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 1
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) AS, Engineering & Applied Sciences		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE, ASHE, ACEC			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer to perform planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
2)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County, Arizona	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
3)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		
4)	(1) TITLE AND LOCATION (City and State) County Road Paving Improvements, Loving County, TX	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Roadway design manager for the design of reconstructing approximately 28.8 miles of rural roadway while upgrading to highway design standards. Project includes survey & mapping, roadway design, signing and pavement marking, construction sequencing and traffic control, drainage design, erosion control and storm water pollution prevention, and livestock fencing. Project fee is \$1,570,000.		
5)	(1) TITLE AND LOCATION (City and State) Wild Rose Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project Manager for an 11-mile Arizona Parkway feasibility study to provide MCDOT, Surprise, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. The study includes extensive stakeholder involvement, identification of opportunities and constraints, and alternatives development and analysis. The project fee was \$358,000.		

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

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

a. NAME Dana Biscan, PE, LEED AP	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 11	2. WITH CURRENT FIRM 5
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil LEEP AP®	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer to perform planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
2)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County, Arizona	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
3)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		
4)	(1) TITLE AND LOCATION (City and State) Goodyear Soil Aquifer Treatment (SAT) Site Recommissioning, Goodyear, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project manager to recommission the City SAT Site, a previously decommissioned recharge facility in Goodyear. Project included an Aquifer Protection Permit (APP), Underground Storage Facility (USF), and Approval to Construct from Maricopa County Environmental Services. Site improvements included grading, piping, and metering design to create a functioning site. Project fee was \$112,400.		
5)	(1) TITLE AND LOCATION (City and State) Wild Rose Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Conceptual Engineer for an 11-mile Arizona Parkway feasibility study to provide MCDOT, Surprise, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. The study includes extensive stakeholder involvement, identification of opportunities and constraints, and alternatives development and analysis. The project fee was \$358,000.		

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

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

a. NAME Ryan Hudson	b. ROLE IN THIS CONTRACT Project Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 1	2. WITH CURRENT FIRM 1
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Engineer-in-Training, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASHE			
H. RELEVANT PROJECTS			
1)	(1) TITLE AND LOCATION (City and State) Camelback Parkway Feasibility Study, Maricopa County, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project engineer to perform planning services for an 18-mile corridor feasibility study to provide MCDOT, Buckeye, and other stakeholders with a planning tool for future growth and development. The purpose of the study is to identify a continuous alignment in order to preserve the 200-foot right-of-way required for the planned urban Arizona Parkway design. This study required stakeholder involvement, public open houses, data collection, existing and future conditions analysis, and alternatives development and analysis. Project fee was \$376,000.		
2)	(1) TITLE AND LOCATION (City and State) US-60/Grand Avenue Corridor Optimization, Access Management, and System Study (COMPASS) Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County, Arizona	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer performing a study of the US-60/Grand Avenue Corridor, from SR-303L to Willetta Street (south of McDowell Ave). The purpose is to identify a long-term solution for accommodating travel demand and adjacent property access, establish operating principles to improve the effectiveness of traffic operations, and prepare an access management plan for the 24-mile-long corridor. The study engaged the technical and political leadership of the ADOT, Surprise, El Mirage, Youngtown, Peoria, Glendale, Phoenix, and Maricopa County. The study includes complex roadway geometrics, operational modeling, ITS infrastructure improvements, and safety analyses. As it has evolved, a key component of this study is transportation improvements to encourage economic redevelopment along the corridor. Project fee was \$850,000.		
3)	(1) TITLE AND LOCATION (City and State) Old Town Peoria Transportation Study, Peoria, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for a transportation study to develop and evaluate short- and long-term transportation improvements in the Old Town area. A detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. Project fee was \$225,000.		
4)	(1) TITLE AND LOCATION (City and State) County Road Paving Improvements, Loving County, TX	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for the design of reconstructing approximately 28.8 miles of rural roadway while upgrading to highway design standards. Project includes survey & mapping, roadway design, signing and pavement marking, construction sequencing and traffic control, drainage design, erosion control and storm water pollution prevention, and livestock fencing. Project fee is \$1,570,000.		
5)	(1) TITLE AND LOCATION (City and State) Foothills Academy Elementary Prep School Traffic Impact Analysis, Cave Creek, AZ	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Project engineer for a traffic impact analysis for a proposed private school in Cave Creek, AZ. Study was conducted per MCDOT and Cave Creek standards and included analysis of existing, future, and future plus site traffic conditions. Project fee was \$12,400.		

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

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

a. NAME Doug Pratt, PE	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 5	2. WITH CURRENT FIRM 4
d. FIRM NAME AND LOCATION (City and State) Burgess & Niple, Inc., Tempe, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION) BSE, Civil Engineering		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Professional Engineer, Arizona, Civil	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) ASCE			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) Statewide Bridge Inspection, ADOT, Arizona	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project manager to perform for multiple bridge inspection projects in Arizona. Bridge types include truss, arch, steel and prestressed concrete girder, lift and girder bridges. Knowledgeable about bridge materials and behaviors for concrete, steel, timber and masonry structures.		
2)	(1) TITLE AND LOCATION (City and State) Statewide Bridge Inspection, ODOT, Oklahoma	(2) Year Completed	
		Professional Services 2014	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project manager to perform for multiple bridge inspection projects in Oklahoma. Bridge types include truss, arch, steel and prestressed concrete girder, lift and girder bridges. Knowledgeable about bridge materials and behaviors for concrete, steel, timber and masonry structures.		
3)	(1) TITLE AND LOCATION (City and State) Statewide Bridge Inspection, Alaska	(2) Year Completed	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assistant team leader for multiple bridge inspection projects statewide. Bridge types include truss, arch, steel and prestressed concrete girder, lift and girder bridges.		
4)	(1) TITLE AND LOCATION (City and State) Statewide Bridge Inspection, ODOT, Oregon	(2) Year Completed	
		Professional Services 2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project manager to perform for multiple bridge inspection projects in Oregon. Bridge types include truss, arch, steel and prestressed concrete girder, lift and girder bridges. Knowledgeable about bridge materials and behaviors for concrete, steel, timber and masonry structures.		
5)	(1) TITLE AND LOCATION (City and State) Statewide Bridge Inspection, Iowa	(2) Year Completed	
		Professional Services 2014	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Served as project manager to perform for multiple bridge inspection projects in Iowa. Bridge types include truss, arch, steel and prestressed concrete girder, lift and girder bridges. Knowledgeable about bridge materials and behaviors for concrete, steel, timber and masonry structures.		

**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 <i>(City and State)</i> County Line Pump Station and 24-inch Water Main, City of Mesa, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Mesa	d. DOLLAR AMOUNT OF PROJECT \$275,000	e. TOTAL COST OF PROJECT \$281,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SCOPE:

B&N was involved in designing a 5.0 MGD pump station with three 2.5 MGD horizontal split case pumps, 6,000 gallon hydro-pneumatic surge tank and associated electrical improvements. This project also included the design of 4,200 LF of 24-inch transmission main and its associated appurtenances.

DURATION: 18 months

**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.)

b. TITLE AND LOCATION <i>(City and State)</i> Wastewater Treatment System Improvements, Town of Hayden, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Town of Hayden	d. DOLLAR AMOUNT OF PROJECT \$1,158,766.50	e. TOTAL COST OF PROJECT \$1,158,766.50
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

SCOPE:

Preliminary Engineering/Funding Assistance

B&N prepared a Preliminary Engineering Report assessing multiple project alternatives and then designed the selected alternative. Key project elements included **replacement/ rehabilitation of 3 of the Town's 5 lift stations, over 5 miles of collection sewers, and a new 60,000 GPD ADF wastewater treatment plant (WWTP)**. The project has been divided into two contracts- one for the proposed WWTP, and another for the collection and transmission system improvements.

Wastewater Treatment Plant

B&N determined treatment capacity and site improvements for a new pre-engineered wastewater treatment plant (WWTP) capable of discharging 60,000 GPD ADF Class B+ effluent. The project includes sludge drying beds, new influent and effluent lift stations, access drive, site grading, site security, small diameter chemical piping, blower piping, and an odor scrubbing system. The plant was designed as an activated-sludge-type, specifically known as an extended aeration plant, modified to include denitrification. B&N prepared an Aquifer Protection Permit (APP) for the Town and assisted with 208 Amendment approval.

Collection System

B&N conducted multiple site visits to assess the condition of the existing 50 year old collection system and determine its overall condition, including a closed circuit television inspection. Based on this analysis, it was determined the entire collection system should be replaced due to health and safety reasons. B&N designed over **five miles of collection system improvements and over 300 service connections**, planned so that the existing system could remain in use during the construction process.

Lift Station Improvements

During the site inspections, B&N assessed the Town's five existing lift stations. It was determined two could be rehabilitated and that three required complete replacement. The replacement submersible sewage lift stations were located adjacent to the existing ones and have design capacities of 7,000 to 27,000 GPD ADF.

DURATION: 36 months

**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 <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
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c. TITLE AND LOCATION <i>(City and State)</i> Old Town Peoria Transportation Study, City of Peoria, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> N/A

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

SCOPE:

B&N prepared a traffic study for the City of Peoria to develop and evaluate short and long term transportation improvements in the Old Town area. Specifically, a detailed multimodal plan is being created to address access into and throughout the downtown area for the next 20 years. A vast range of potential multimodal transportation improvements are under consideration. The study will assess current vehicular, transit, bicycle, and pedestrian operational conditions and infrastructure, and explore future opportunities. Ultimately, the study will provide a transportation plan that supports the revitalization efforts of the Old Town area and guide programming of future capital improvements. As part of the traffic study, B&N developed a sub-area model of old town Peoria that was extracted from MAG's TransModeler model and recalibrated to local conditions. Different land use scenarios were analyzed using the multi-resolution framework in TransModeler.

DURATION: 24 months

**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.)

d. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Shea Boulevard Arterial Improvements, Town of Fountain Hills, AZ	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2011

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Town of Fountain Hills	\$27,000	\$27,000

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

SCOPE:

B&N served as consultant and designed arterial improvements to Shea Boulevard, from Palisades Boulevard to Saguaro Boulevard, for Fountain Hills. The project was conducted through ADOT's Local Government Section and B&N obtained Utility, Environmental, and Right of Way Clearance letters from ADOT.

Improvements included new raised median, bike lane, storm drains and landscaping. American Recovery and Reinvestment Act (ARRA) funding became available and B&N was re-contracted as subconsultant to revise its plans and incorporate them in another set of plans for improvements adjacent to the project. B&N quickly revised the scope and plans, revised the construction cost opinion, and submitted plans in time to allow the project to use the ARRA funding.

DURATION: 24 months

**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		
<i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>		
e. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Sonora Town Water/Wastewater and Roadway Improvements, Town of Gilbert, AZ	2011	2012

23. PROJECT OWNER'S INFORMATION		
c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Town of Gilbert	\$128,462	\$128,462

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

SCOPE:

Burgess & Niple designed water and sewer improvements funded by a Community Development Block Grant (CDBG) for Sonora Town, one of Gilbert's oldest subdivisions. The neighborhood was constructed without a public sewer collection system and had aging asbestos cement water pipe. B&N's design included replacing the asbestos cement water pipe with new ductile iron pipe, installing a new gravity sewer system connected to the Town's sewer system, abandoning various septic tanks, minor roadway and drainage improvements, fire hydrant location assessment, and connecting all homes to the water and sewer systems. This project has required extensive community involvement, including neighborhood meetings and addressing resident concerns. B&N also provided construction administration services, including bid assistance, shop drawing review, and pay application review.

DURATION: 36 months (including construction services)

6. ADDITIONAL INFORMATION

Burgess & Niple (B&N) is a multidisciplinary firm with in-house expertise in nearly all aspects of planning and municipal engineering. The firm engages in a wide variety of services including studies, planning, design and construction administration for projects involving transportation, water and wastewater systems and structural health monitoring. The firm has provided services to municipalities since 1912. B&N has grown responsibly to a current staff of over 370 employees in 20 offices, across nine states. Our Tempe office has been serving clients with the State of Arizona since 1984.

B&N clearly understands the tremendous pressure and challenges facing the State of Arizona (State) in meeting increasing service demands with limited financial resources. Developing a project that includes an innovative design, meets the needs of the client, and controls cost will be critical to the program's success.

Please consider Burgess & Niple for the following categories of work with this SOQ submittal:

- **Civil Engineering**
- **Transportation Engineering**
- **Traffic Engineering**
- **Water Systems**
- **Wastewater Systems**
- **Storm Drainage**
- **Site / Project Planning**
- **Electrical Engineering**
- **Construction Administration**

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:	81 %
b.	Percentage of Total Work Attributable to Non-Government Work:	19 %

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

Signature: 

Date: 12.11.2013

Name: Edwin J. Muccillo Jr., PE

Title: Vice-President