



ATTACHMENT I – General Qualifications  
ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729

STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. Annual Request for Qualifications

a. FIRM (OR BRANCH OFFICE ) NAME:	Matrix Design Group, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	2224 W. Northern Ave., #D240
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85021
f. YEAR ESTABLISHED:	1999
(g1). OWNERSHIP - TYPE:	Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	No
h. POINT OF CONTACT NAME AND TITLE:	Celeste Werner, Vice President
i. POINT OF CONTACT TELEPHONE NUMBER:	(602) 288-8344
j. POINT OF CONTACT E-MAIL ADDRESS:	celeste_werner@matrixdesigngroup.com
k. NAME OF FIRM (If block 1a is a branch office):	Matrix Design Group, Inc.



**ATTACHMENT I – General Qualifications**  
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:**  
**ADSP015-00004729**

**STATE PROCUREMENT OFFICE**  
**Department of Administration**  
**100 North 15<sup>th</sup> Avenue, Suite 201**  
**Phoenix, Arizona 85007**

**2. EMPLOYEES BY DISCIPLINE**

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
CADD Technician / GIS Specialists	P	4	1
Civil Engineers	P	15	0
Construction Managers	P	3	0
Cost Estimators	S	4	1
Ecologists	S	2	0
Environmental Engineers	P	5	1
Environmental Scientists	P	9	0
Geodetic Surveyor	S	1	0
Geological / Mining / Soils Engineer	S	1	0
Geologists	P	2	0
Hydraulic Engineer	S	1	0
Hydrographic Surveyor	S	1	0
Hydrologist	P	1	0
Land Planners	P	20	10
Landscape Architects	P	5	1
Project Managers	S	20	2
Surveyors	P	4	0
Technician / Analyst	S	5	1
Transportation Engineers	P	3	0
Water Resource Engineers	P	10	0
<b>Total</b>		<b>116</b>	<b>17</b>



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSPO15-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**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	General Planning, Master Planning, Downtown Plans, Specific Plans, Area Plans, Urban Design, and Community Planning	6
40	Civil Engineering – Drainage, Roadway, Water and Wastewater	6
24	Public Involvement, Community Outreach	4
12	Survey	3
15	Landscape Architecture	4
12	Phase I Environmental	7
3	Environmental Impact Studies, Assessments or Statements	5

**PROFESSIONAL SERVICES REVENUE INDEX NUMBER**

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



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)**

a. NAME Celeste Werner, AICP	b. ROLE IN THIS CONTRACT Project Principal / Planner	c. YEARS EXPERIENCE	
		1. TOTAL 30 yrs.	2. WITH CURRENT FIRM 9 yrs.
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Urban Planning B.S. Landscape Architecture		f. PROFESSIONAL TRAINING – REGISTRATIONS – American Institute of Certified Planners	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Planning Association; American Defense Communities; Society of Military Engineers			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) General Plan Update – Glendale, Arizona	(2) YEAR COMPLETED <b>In Progress</b>
		Professional Services Land Planning
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Comprehensive update to be consistent with Arizona legislation; to reflect current conditions such as the development of employment and major transportation corridors; to recognize the Sports and Entertainment District; and to further Glendale’s partnership with Luke Air Force Base. The budget for this project is \$110,000.	<input checked="" type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Downtown Plan – Casa Grande, Arizona	(2) YEAR COMPLETED <b>2013</b>
		Professional Services Land Planning
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Redevelopment of a 15 acre site. The plan is a pedestrian-oriented, vertically and horizontally mixed use, urban environment with contemporary uses, with amenities such as business incubators, live-work units, cafes, office, restaurant, plazas and neighborhood parks. The budget for this project was \$150,000.	<input checked="" type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) General Plan Update – Oxnard, California	(2) YEAR COMPLETED <b>2009</b>
		Professional Services Land Planning
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Director – Compatibility planning with the adjacent Naval Base. Implemented the City’s first military compatibility element. Developed a comprehensive update to the City’s general plan, an EIR, and the development of a new city transportation model and new Housing Element. The budget for this project was \$1,112,081.	<input checked="" type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) General Plan Update – Peoria, Arizona	(2) YEAR COMPLETED <b>2002</b>
		Professional Services Land Planning
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager - The General Plan addressed issues associated with the tremendous growth and development of the community over the past years, which has changed the needs and desires of its residents. Ms. Werner managed the preparation of eight elements of the General Plan Update (Land Use, Circulation, Environmental Resources, Recreation and Open Space, Public Services and Facilities, Housing, Safety, Rehabilitation and Redevelopment).	<input type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION (City and State) General Plan Update – Goodyear, Arizona	(2) YEAR COMPLETED <b>2001</b>
		Professional Services Land Planning
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Designed to comply with the provisions of the Growing Smarter Plus legislation and to respond to the significant growth that was occurring in the City’s planning area. Preparation technical data including the preparation of the existing physical, natural, and demographic conditions of the planning area and recommended goals, objectives, and policies as well as a significant public participation program.	<input type="checkbox"/> Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)**

a. NAME Richard Rust, AICP	b. ROLE IN THIS CONTRACT Project Manager / Planner	c. YEARS EXPERIENCE	
		1. TOTAL 31 yrs.	2. WITH CURRENT FIRM 9 yrs.
d. LOCATION (City and State) Sacramento, California			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Environmental Sciences M.S. Urban and Regional Planning		f. PROFESSIONAL TRAINING - REGISTRATIONS American Institute of Certified Planners	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Planning Association; Board Member, Sacramento Valley Section, APA California			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	General Plan Update – Glendale, Arizona	<b>In Progress</b>	
		Land Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Deputy Project Manager – Comprehensive update to be consistent with Arizona legislation; to reflect current conditions such as the development of employment and major transportation corridors; to recognize the Sports and Entertainment District; and to further Glendale’s partnership with Luke Air Force Base. The budget for this project is \$110,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Downtown Plan – Casa Grande, Arizona	<b>2013</b>	
		Land Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planning Lead – Redevelopment of a 15 acre site. The plan is a pedestrian-oriented, vertically and horizontally mixed use, urban environment with contemporary uses, with amenities such as business incubators, live-work units, cafes, office, restaurant, plazas and neighborhood parks. The budget for this project is \$150,000	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	General Plan Update – Oxnard, California	<b>2009</b>	
		Land Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planning Lead – Compatibility planning with the adjacent Naval Base. Implemented the City’s first military compatibility element. Developed a comprehensive update to the City’s general plan, an EIR, and the development of a new city transportation model and new Housing Element. The budget for this project was \$1,112,081.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Environmentally Sensitive Lands – Oro Valley, Arizona	<b>2005</b>	
		Land Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planning Lead – Development of an Environmentally Sensitive Lands (ESL) Element for the Town of Oro Valley General Plan. This element dealt with issues related to protection and conservation of sensitive areas, and covered a wide range of resource areas, including: cultural resources, biological resources, noise, visual resources/viewsheds, and light and glare.	<input type="checkbox"/>	Check if project performed with current firm
5.	Comprehensive Plan – Maricopa County, Arizona	<b>2002</b>	
		Land Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Senior Planner – “Eye to the Future 2020” Comprehensive Plan included the formulation of four alternative land use/transportation urban form concept plans for detailed evaluation. Included the coordination of the adjacent 24 municipalities, three Indian Communities, the BLM, and the Arizona State Land Department.	<input type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** (Complete one Section 4 for each key person.)

a. NAME Robert Krehbiel, P.E.		b. ROLE IN THIS CONTRACT Civil Engineer		c. YEARS EXPERIENCE	
				1. TOTAL 25 yrs.	2. WITH CURRENT FIRM 15 yrs.
d. LOCATION (City and State) Denver, Colorado					
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Civil Engineering M.S. Hydraulic Engineering			f. PROFESSIONAL TRAINING – REGISTRATIONS – Professional Engineer – Colorado #29113		
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) 2012 Honor Award South Platte River and Lakewood Gulch Channel Improvements; 2006 Honor Award for Outstanding Achievement on the Sanderson Gulch Improvements; 2004 Grand Award for Engineering Excellence for Westerly Creek Channel Restoration					

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	<b>Storm Drainage Master Planning – Various Colorado</b>	<b>2014</b>	
		Civil Engineering	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Drainage master planning for municipalities, redevelopment authorities and private developers. Prepared watershed master plans for the City & County of Denver, City of Colorado Springs, the Urban Drainage & Flood Control District, and Colorado Water Conservation Board. Engineer of record on the storm drainage master plans for the Lowry Redevelopment and the Stapleton Redevelopment projects. Project Manager for the Denver Storm Drainage Master Plan, a study that programmed over \$1 billion in proposed drainage capital infrastructure improvements. The budget for this project was \$2,035,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Floodplain Evaluations – Various Colorado</b>	<b>2013</b>	
		Floodplain Modeling	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Expert in hydraulic floodplain modeling using HEC-RAS and HEC-GeoRAS software, taught the hydraulic software HEC-RAS course for the Urban Watersheds Research Institute for the last five years. In 2013, he worked with a team of experts at Matrix to develop a Post-Fire flood hazard assessment from the Waldo Canyon burn area, which included a detailed hydraulic evaluation of five drainage basins impacted by the fire in Colorado Springs. Prepared 50-mile long floodplain and floodway models of the Eagle River Floodplain and 10-mile long hydraulic modeling of the Roaring Fork River.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>River Restoration – Denver, Colorado</b>	<b>2014</b>	
		Civil Engineering	Yes
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – \$20 million river restoration program for the South Platte River through central Denver. The project improved the flood conveyance capacity of the South Platte River and removed 365 acres of developed land along the Central Platte Valley from the 100-year floodplain. The Lakewood Gulch outfall was also reconstructed to a natural park open space and meandering channel by relocating City of Denver facilities. Design costs were \$1.2 million and construction costs were \$17.8 million	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>Water Storage Reservoirs – Denver, Colorado</b>	<b>2007</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager –Designed and completed construction oversight for lined and unlined water storage reservoirs for water rights augmentation and stormwater detention. Projects include the 38th & Holly regional 50 ac-ft detention pond for the City & County of Denver under a \$3 million grant from FEMA, Commerce City Prairie Gateway 200 ac-ft regional retention pond for stormwater management.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>Water and Sanitary Sewer Infrastructure Design Auraria Campus Infrastructure Master Plan – Denver, Colorado</b>	<b>2011</b>	
		Infrastructure Planning	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager – Auraria Campus Infrastructure Master Plan to define the future utility needs for redevelopment of the college campus in Denver over the next 20 years. The budget for this project was \$283,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME Graham W. Thompson, P.E., PSC	b. ROLE IN THIS CONTRACT Civil Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 17 yrs.	2. WITH CURRENT FIRM 8 yrs.
d. LOCATION <i>(City and State)</i> Niceville, Florida			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. Agronomy M.S. Environmental Engineering		f. PROFESSIONAL TRAINING – REGISTRATIONS – Professional Engineer – Colorado #37776 Professional Soil Classifier – Arkansas #50	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> 2005 Certificate of Appreciation U.S. Department of Agriculture; 2005 Outstanding Achievement URS Region West ; 2003 Engineering Excellence Award American Council of Engineering Companies			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>U.S.A.F. Wastewater Treatment Facility Optimization Study – Colorado Springs, Colorado</b>	(2) YEAR COMPLETED <b>2006</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Responsible for the analysis of biological nutrient removal processes at the 2.2 MGD Academy wastewater treatment facility to improve effluent quality and meet short and long term goals. Duties included directing design and process review, collection of influent, effluent, operations and field data collection, data analysis, development of capital and operational recommendations, report preparation and project management.	Professional Services <b>Civil Engineering</b>
		<input type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Red Rocks Correctional Center Wastewater Treatment Facility – Eloy, Arizona</b>	(2) YEAR COMPLETED <b>2006</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Responsible for alternative evaluation, design, permitting, preparation of plans and specifications and construction oversight for a wastewater treatment facility to serve the 1596-bed correctional center.	Professional Services <b>Civil Engineering</b>
		<input type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Crowley County Correctional Center Wastewater Treatment Facility Expansion – Olney Springs, Colorado</b>	(2) YEAR COMPLETED <b>2003</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Responsible for design, permitting, preparation of plans and specifications and construction oversight for a wastewater treatment facility.	Professional Services <b>Civil Engineering</b>
		<input type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Terra Nitrogen Wasteload Allocation Study – Port of Catoosa, Oklahoma</b>	(2) YEAR COMPLETED <b>1996</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Scientist – Responsible for completing dye studies and field monitoring for a Wasteload Allocation Study on the Verdigris River and Kerr-McClellan Navigational Channel. Duties included dye delivery, fluorometer monitoring, in-situ water quality monitoring, sediment and water quality sampling and data analysis.	Professional Services <b>Water Study</b>
		<input type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>U.S. Air Force Academy Kettle Creek Watershed Study – Colorado Springs, Colorado</b>	(2) YEAR COMPLETED <b>2003</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer – Responsible for hydrologic and hydraulic modeling of the 17 square mile Kettle Creek watershed. Duties included historic, current, and proposed watershed characterization, detailed HEC-HMS hydrologic analysis, hydraulics and floodplain modeling, development of alternatives for stream corridor improvements, report preparation, and presentation of findings and recommendations to watershed stakeholders.	Professional Services <b>Modeling</b>
		<input type="checkbox"/> Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME Patrick Chelin, P.E.		b. ROLE IN THIS CONTRACT Civil Engineer		c. YEARS EXPERIENCE	
				1. TOTAL 15 yrs.	2. WITH CURRENT FIRM 8 yrs.
d. LOCATION <i>(City and State)</i> Denver, Colorado					
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. Civil Engineering			f. PROFESSIONAL TRAINING – REGISTRATIONS – Professional Engineer Registrations: Washington (38306), Colorado (36448), Wyoming (11916), and Arizona (47562)		
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>					

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Stapleton Redevelopment – Park Creek Metro District, Denver, Colorado</b>	(2) YEAR COMPLETED <b>In progress</b>
		Professional Services Civil Engineering
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager –1-mile of arterial roadway and bridge structure, 1.7- miles of collector roadway and the underlying utilities (storm, sanitary, and water), a 84-inch diameter tunnel underneath I-270 for storm drainage outfall, a 48-inch tunnel underneath I-270 for sanitary sewer outfall and an approximately 34-acre drainage pond. Built cost is around \$300 million to date, with another \$50 million before completion	
	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Stapleton Redevelopment – Park Creek Metro District, Denver, Colorado</b>	(2) YEAR COMPLETED <b>In progress</b>
		Professional Services Civil Engineering
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager –130-acre infrastructure project to support single-family residential, multi-family residential and commercial/mixed-use land uses including over 5 miles of collector and local roadway design, 2.50-miles of alleyway design, and 3,800 LF of off-site sanitary sewer. Patrick also is responsible for designing a 75-acre foot water quality and detention pond and 49-acres of Park that will be integrated into the City of Denver’s Park system. Built cost is around \$300 million to date, with another \$50 million before completion	
	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>North Stapleton GDP IMP 2011 Update – Denver, Colorado</b>	(2) YEAR COMPLETED <b>2011</b>
		Professional Services Civil Engineering
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – 600-acre Infrastructure Master Plan and General Development Plan. Led a multidisciplinary team that included Parks Designers, traffic engineers, lighting consultants, land planners and surveyors through the Denver GDP process. Worked extensively to revise the grading from previous concepts that required 2.7M yards of fill to a project that now balances. Matrix’s fee for this project was \$1 million.	
	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Auraria Campus Infrastructure Master Plan – Denver, Colorado</b>	(2) YEAR COMPLETED <b>2011</b>
		Professional Services Civil Engineering
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Engineer – Water Infrastructure of a planned 2.5M square-foot campus. Required an extensive review of the existing infrastructure and coordination with Denver Water to ensure proper supply is available as the campus expands. Matrix’s fee for this project was \$280,000.	
	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Canyons South – Douglas County, Colorado</b>	(2) YEAR COMPLETED <b>In progress</b>
		Professional Services Civil Engineering
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager –2,043 acre development consisting of residential, commercial, school sites, and golf course (Championship and Par 3) located in Douglas County, Colorado. Worked on the master planning, roadway design, utility design, grading including residential and golf course areas, cost modeling, phasing of construction, permitting, bid processes, project scheduling, and agency approval.	
	<input checked="" type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME Robert L. Meadows, Jr., PLS	b. ROLE IN THIS CONTRACT Professional Land Surveyor	c. YEARS EXPERIENCE	
		1. TOTAL 30 yrs.	2. WITH CURRENT FIRM 12 yrs.
d. LOCATION <i>(City and State)</i> Colorado Springs, Colorado			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> AA University of Wisconsin Gateway Technical Institute		f. PROFESSIONAL TRAINING – REGISTRATIONS – Professional Land Surveyor – Wisconsin, PLS1801; California, PLS 6274; Colorado, PLS 34977; Indiana, PLS 21000229; Kansas, PLS 1551	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Boundary Surveying Large Tracts - 13,000 Acres of Land – Bennett, Colorado</b>	(2) YEAR COMPLETED	
		Professional Services Boundary Survey	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Surveyor – Included the retracement of 22 sections of land adjacent to highway 36 west of Bennett, Colorado. This survey was performed to support a proposed major development including new arterial roadways and commercial infrastructure.	<input type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Land Development, Gold Hill Mesa – Colorado Springs, Colorado</b>	(2) YEAR COMPLETED	<b>2008</b>
		Professional Services Land Survey	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Surveyor – Unique residential development in the southwest part of Colorado Springs was a coordination challenge for our survey teams due to low level contaminants that required a 3 to 4 foot cap of clean fill. This construction effort was continuous and required constant monitoring and documentation along with the simultaneous effort of controlling the implementation of the utilities and roadway infrastructure for the homes soon to be built. The budget for this project was \$100,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Environmental Survey, Methane Monitoring – Municipal Land Fill, Chula Vista, CA</b>	(2) YEAR COMPLETED	<b>1995</b>
		Professional Services Environmental Survey	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Surveyor – Monitor airborne pollution emanating from former landfill site was extremely unpleasant and potentially harmful. After a massive capping effort was complete, a network of airborne monitoring sites and sub-surface monitoring wells were installed and surveyed to measure the production, concentration and migration of methane gas into the nearby residential developments. The budget for this project was \$20,000.	<input type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Topographic Survey Stream Restoration US Air Force Academy – Colorado Springs, Colorado</b>	(2) YEAR COMPLETED	<b>2010</b>
		Professional Services Topographic Survey	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Surveyor – Very specialized, extremely detailed and time consuming survey with much of the information collected below the stream surface. We have had the unique opportunity to collect the information throughout the Academy that has been used to restore severely eroded waterways through the implementation of natural diversions designed to withstand heavy flood events. The budget for this project was \$30,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Construction Survey Municipal, Colorado Springs Airport – Colorado Springs, Colorado</b>	(2) YEAR COMPLETED	<b>2001</b>
		Professional Services Construction Survey	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Surveyor – Airport surveying required careful coordination and a high sense of safety awareness to perform work at an active facility. Special frequency radios were required to be carried by all personnel to maintain constant communication with the tower. The horizontal and vertical tolerances required at an airport facility far exceed the standards found in other types of construction. Exacting precision and an increased number redundant measurements were required to achieve the expected results. The budget for this project was \$60,000.	<input type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)**

a. NAME Donald H. Brandes, Jr., ASLA		b. ROLE IN THIS CONTRACT Landscape Architect/Planner		c. YEARS EXPERIENCE	
				1. TOTAL 33 yrs.	2. WITH CURRENT FIRM 2 yrs.
d. LOCATION (City and State) Denver, Colorado					
e. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Political Science M.S. Landscape Architect			f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Landscape Architect in Arizona (52984), Colorado (146), and New Mexico (034)		
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) Recipient of National Honor Award, ASLA; National Merit Award, ASLA; Colorado Presidents Award, ASLA; Colorado Stewardship Award, ASLA; Colorado Merit Award, ASLA; Chair, University of Colorado Design Review Board					

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION (City and State) <b>Bear Creek Master Plan – Medford, Oregon</b>	(2) YEAR COMPLETED <b>1998</b>
		Professional Services Landscape Architecture and Urban Design
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-Charge – Don acted as the lead urban designer for the six (6) mile Bear Creek Riverfront in downtown Medford, Oregon. The project included analysis of existing conditions and regulations, project programming, preliminary design, public policies, regulations and permitting, implementation strategies, final design, cost estimating and project implementation phasing through the Master Plan process.		<input type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) <b>The Breakers Resort Community – Denver, Colorado</b>	(2) YEAR COMPLETED <b>1995</b>
		Professional Services Landscape Architecture and Urban Design
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Landscape Architect – Don was responsible for program development, product definition, site planning, signage and landscape architecture for the first phase of this project. Phase One, which included 310 units of a resort-style, apartment community focused around a 60-acre lake in southeast Denver, far exceeded all expectations by leasing all units in less than 90 days' time. The construction cost for this project was \$1.2 million.		<input type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) <b>Pueblo Urban Design Framework – Pueblo, Colorado</b>	(2) YEAR COMPLETED <b>2004</b>
		Professional Services Landscape Architecture and Urban Design
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Lead Urban Designer – Responsible to lead preparation of an urban design framework plan to accommodate new improvements and address existing downtown issues in Pueblo, CO. Plans created document existing and proposed land use, access and circulation, infrastructure, and drainage and hydrological improvements. The framework plan also addressed key circulation connections such as waterfront boat management and property acquisition.		<input type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) <b>Three Peaks Golf Community – Silverthorne, Colorado</b>	(2) YEAR COMPLETED <b>2005</b>
		Professional Services Landscape Architecture and Urban Design
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-Charge – As the principal in charge for this project, Don led the Master Planning and design which included sited every single family lot to make certain each lot was ideally suited for solar, slope and minimal site disturbance before plotting actual lot lines. Natural features such as wetlands, large trees, rock outcroppings, and significant views were preserved to protect the natural mountain character of the steep wooded site. The construction costs for landscape improvements for this project was \$875,000.		<input type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED
		Professional Services
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME Richard L. Satkin, PG	b. ROLE IN THIS CONTRACT Geologist	c. YEARS EXPERIENCE	
		1. TOTAL 35 yrs.	2. WITH CURRENT FIRM 11 yrs.
d. LOCATION <i>(City and State)</i> Atlanta, Georgia			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. Geology; M.S. Geology; M.S. Environmental Science and Engineering		f. PROFESSIONAL TRAINING – REGISTRATIONS – Alabama Registered Professional Geologist, License No. AL965/1994; Tennessee Registered Professional Geologist, License No. TN1686/1990	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> HAZWOPER; HAZWOPER Supervisor; Red Cross First Aid/CPR Certifications			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	<b>Former Fort McClellan – Anniston, Alabama</b>	<b>In Progress</b>	
		BRAC Reuse	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Program Manager – Responsible for meeting and exceeding cleanup performance objectives and milestones facilitating redevelopment of the former Fort McClellan. McClellan is the first BRAC site contaminated with MEC to achieve early transfer from the Army. As Program Manager for the Local Reuse Authority, McClellan Development Authority (MDA). The cost of this project is \$216,000,000	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Iron Mountain Road – Anniston, Alabama</b>	<b>2009</b>	
		Geological	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Program Manager – Responsible for project management of the munitions clearance on property transferred to the Alabama Department of Transportation (ALDOT) and intended to be used as an off-ramp for a new roadway construction. The site was initially clear cut with UXO construction support followed by stump removal and clearance of root balls by UXO technicians with handheld instrumentation. The area was then geophysically mapped, targeted, and cleared of materials potentially posing an explosive hazard to the depth of detection. The cost for this project was \$350,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Malta Test Station – Malta, New York</b>	<b>2009</b>	
		Geological	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – The Former Malta (Rocket) Test Station provided MEC avoidance support for grubbing, test borings, and digital geophysical mapping of 16 acres of easement areas supporting redevelopment construction in and around the former test areas. Matrix analyzed the geophysical data to prioritize anomalies and clearance areas then intrusively investigated the high priority locations. A test ordnance disposal pit containing 155mm and 105mm practice rounds was discovered and remediated. The cost for this project was \$300,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME Roberta Perry Schlicher, P.E.		b. ROLE IN THIS CONTRACT Environmental Engineer		c. YEARS EXPERIENCE	
				1. TOTAL 31 yrs.	2. WITH CURRENT FIRM 1 yr.
d. LOCATION <i>(City and State)</i> Denver, Colorado					
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S./B.Sc Civil Engineering M.S./M.Sc Civil Engineering			f. PROFESSIONAL TRAINING – REGISTRATIONS – Registered Professional Engineer in Colorado, Utah, Texas		
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> Publications/Presentations: Facilitated and Moderated Society of American Military Engineers Rocky Mountain Regional, Joint Education and Training Symposium, July 2013; “Strategic Partnerships”, presented at Department of Defense Mentor Protégé Conference 2009					

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Effluent Toxicity – Various Locations (New Mexico, Texas)</b>	(2) YEAR COMPLETED <b>Between 1993 and 1997</b>
		Professional Services <b>Engineering</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – evaluation of the occurrence, extent, and treatability of diazinon, and other organophosphorous pesticides, relative to Ceriodaphnia dubia bioassay test failures in publicly owned treatment works in Texas, New Mexico, and Oklahoma. Work included a literature evaluation, engineering analysis of 18 wastewater treatment plants, evaluation of a 12-month chemical monitoring program at 18 treatment plants, bench-scale suspended growth treatability studies, pilot-scale fixed film treatability studies, and design and evaluation of demonstration-scale circumferential work at three facilities. The cost for this project was around \$2.5 million	<input type="checkbox"/> Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Treatment of Construction and Mining Runoff – Various (Texas)</b>	(2) YEAR COMPLETED <b>1982</b>
		Professional Services <b>Engineering</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Conducted research for the treatment of construction and mining runoff in surface impoundments for pH control and metals removal. Included pilot scale solids and metals removal of a lignite mine runoff using coagulation/precipitation, flocculation, and sedimentation with pH control, inorganic and organic polymer coagulants. Conducted a study of aluminum hydrolysis kinetics for the isolation and application of various aluminum species to conventional coagulation/flocculation processes. Ultrafiltration techniques were used to isolate the various species generated. The cost for this project was \$150,000.	<input type="checkbox"/> Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>CERCLA Remedial Investigation, Feasibility Study - Various</b>	(2) YEAR COMPLETED <b>Between 1983 and 1997</b>
		Professional Services <b>Engineering</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager – Prepared 13 remedial investigation reports and nine feasibility studies, including public comment responsiveness summaries for Superfund sites in U.S. EPA Regions V and IX; and prepared 12 remedial action master plans and three quality assurance project plans for CERCLA sites in the Midwest. The costs for these projects ranged from \$150,000 to \$1.5 million.	<input type="checkbox"/> Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Pollution Prevention/Waste Minimization Studies - Various</b>	(2) YEAR COMPLETED <b>Between 1983 and 2011</b>
		Professional Services <b>Engineering</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Project Manager/ Lead Engineer –Pollution Prevention Programs Waste Minimization Studies, Various Industrial and Federal Clients. – Performed facility audits and developed management plans for pollution prevention and waste minimization for metal fabricating facilities, food processing plants, pulp and paper mills, chemical manufacturing facilities and Defense industrial shops. The costs for these projects ranged from \$50,000 to \$500,000.	<input type="checkbox"/> Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED
		Professional Services
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract** *(Complete one Section 4 for each key person.)*

a. NAME <b>Brenden Cox</b>	b. ROLE IN THIS CONTRACT <b>Planner</b>	c. YEARS EXPERIENCE	
		1. TOTAL 6 yrs.	2. WITH CURRENT FIRM 6 yrs.
d. LOCATION <i>(City and State)</i> Phoenix, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. Urban Planning		f. PROFESSIONAL TRAINING – REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Planning Association			

**H. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
			<b>In Progress (2016)</b>
1.	<b>General Plan Update - Glendale, Arizona</b>	Professional Services Land Planning	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead Planner – Comprehensive update to be consistent with Arizona legislation; to reflect current conditions such as the development of employment and major transportation corridors; to recognize the Sports and Entertainment District; and to further Glendale’s partnership with Luke Air Force Base. The budget for this project is \$110,000.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	<b>Governor’s Advisory Consulting Team – Territory of Guam</b>	Professional Services Land Planning	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Planner – Analyzing the impacts of the proposed military buildup through several Task Orders in areas such as governmental and organizational structure, healthcare planning, and compatibility sustainability planning. The budget for this project was \$1.7 million.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	<b>Tri-County Small Area Studies – Okaloosa, Santa Rosa, and Walton Counties, Florida</b>	Professional Services Land Planning	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Planner – A joint effort between Eglin Air Force Base and its neighboring communities to update policy documents (comprehensive plans, zoning regulations, etc.) to improve compatibility between military operations and local growth, including establishment of Military Influence Area overlay zones. The budget for this project was \$268,349.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	<b>General Plan Update – Oxnard, California</b>	Professional Services Land Planning	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Planner – Compatibility planning with the adjacent Naval Base. Implemented the City’s first military compatibility element. Developed a comprehensive update to the City’s general plan, an EIR, and the development of a new city transportation model and new Housing Element. The budget for this project was \$1,112,081.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	<b>Naval Observatory, Flagstaff Station Encroachment Action Plan – Flagstaff, Arizona</b>	Professional Services Compatibility Planning	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Planner – Matrix was a subconsultant on the Naval Observatory Flagstaff Encroachment Action Plan. The Encroachment Action Plan identified and catalogued encroachment impacts to the Naval Observatory’s mission caused by development and growth of communities around the site. The primary factor identified was ambient lighting impacts interfering with the required dark sky environment for effective viewing of the sky. A set of recommendations to address the impacts was developed as part of the process. Matrix’s budget for this project was \$93,059.	<input checked="" type="checkbox"/>	Check if project performed with current firm



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**4. Resumes of Key Personnel Proposed for this Contract (Complete one Section 4 for each key person.)**

a. NAME <b>Daniel Barusch</b>	b. ROLE IN THIS CONTRACT <b>Planner</b>	c. YEARS EXPERIENCE	
		1. TOTAL 2 yrs.	2. WITH CURRENT FIRM 1 yr.
d. LOCATION (City and State) Phoenix, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) B.A. Design M.S. Urban and Environmental Planning		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.) American Planning Association; Congress for the New Urbanism; Arizona Geographic Alliance			

**H. RELEVANT PROJECTS**

<b>1.</b>	(1) TITLE AND LOCATION (City and State) <b>General Plan Update – Glendale, Arizona</b>	(2) YEAR COMPLETED	<b>In Progress</b>
		Professional Services <b>Land Planning</b>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner - Comprehensive update to be consistent with Arizona legislation; to reflect current conditions such as the development of employment and major transportation corridors; to recognize the Sports and Entertainment District; and to further Glendale's partnership with Luke Air Force Base. The budget for this project is \$110,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>2.</b>	(1) TITLE AND LOCATION (City and State) <b>Hagatna Master Plan – Territory of Guam</b>	(2) YEAR COMPLETED	<b>In Progress</b>
		Professional Services <b>Land Planning</b>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner – Master Plan update to reflect current conditions in Hagatna such as the development of cultural institutions and other downtown revitalization; to analyze governmental and organizational structure; and to create land use planning strategies (zoning and design guidelines) to enhance future growth and development. The budget for this project is \$844,732.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>3.</b>	(1) TITLE AND LOCATION (City and State) <b>Brentwood Downtown Revitalization Plan and Market Study - Islip, New York</b>	(2) YEAR COMPLETED	<b>2013</b>
		Professional Services <b>Land Planning / Design</b>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner – Downtown Revitalization Plan to reflect current conditions in the Hamlet of Brentwood, and the Town of Islip; to propose new land uses and design guidelines for the downtown Brentwood area; to create zoning overlays for the downtown Brentwood area; and to develop design alternatives for five downtown sites.	<input type="checkbox"/> Check if project performed with current firm	
<b>4.</b>	(1) TITLE AND LOCATION (City and State) <b>Brownfield Opportunity Area Program - East Syracuse, New York</b>	(2) YEAR COMPLETED	<b>2013</b>
		Professional Services <b>Land Planning / Design</b>	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Planner – Phase One of the NYS Brownfield Opportunity Area (BOA) Program to form collaborative relationships between community leaders and the private sector; to identify contaminated properties and brownfields within the Village of East Syracuse; and to develop programs, policies, and projects for underutilized brownfield sites to bring about future growth and redevelopment.	<input type="checkbox"/> Check if project performed with current firm	
<b>5.</b>	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**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> General Plan Update; City of Glendale, Arizona	b. YEAR COMPLETED <b>In Progress</b>	
	PROFESSIONAL SERVICES Master Planning	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER City of Glendale	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$110,000	e. TOTAL COST OF PROJECT \$110,000
--------------------------------------	---	---------------------------------------

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

Glendale is a growing suburb of Phoenix in central Arizona. It is the home of Luke Air Force Base and a growing sports and entertainment district, including the Arizona Cardinals football stadium and Arizona Coyotes hockey arena. Glendale also has several commercial corridors and growth hubs significant to the Phoenix metropolitan area.

Matrix Design Group was hired to update the city's general plan in the spring of 2014. The general plan update is taking place for a variety of reasons – to be consistent with Arizona general plan legislation; to reflect current conditions such as the development of employment and transportation corridors of Loop 101, Loop 303, and Northern Parkway; to recognize the Sports and Entertainment District; and to further Glendale's partnership with Luke Air Force Base. Matrix's responsibilities during the general plan update include the following:

- Preparation of a public involvement plan to encourage public participation and review of the general plan update throughout the process,
- Facilitating public meetings and public involvement,
- Reorganization of the general plan,
- Rewriting portions and elements of the general plan,
- Adding two elements to the general plan that are now required by state legislation that were not required when the current general plan was written, and
- Ensuring all requirements of Growing Smarter and Growing Smarter Plus legislation are addressed.



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSPO15-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**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> Downtown Master Plan; City of Casa Grande, Arizona	b. YEAR COMPLETED <p align="center"><b>2013</b></p>	
	PROFESSIONAL SERVICES Master Planning	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER City of Casa Grande	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$145,648	e. TOTAL COST OF PROJECT \$145,648
---	---	---------------------------------------

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

Casa Grande's Downtown Business Park was seen as a blighted and underused area in a central part of the City. Matrix collaborated with the City of Casa Grande to develop a master plan for a new City of Casa Grande Business Park on 15 acres of land in the City's downtown core. In conjunction with an extensive public participation process, the Matrix team constructed a development plan based on land use capability and infrastructure and transportation systems.

The "Life on Main" Master Plan provided details of the planning process, underlying analysis, recommendations and an Implementation Program in order to supplement the design schematics. The plan's framework provided guided land use with flexibility in order to maximize development density and intensity. The associated Land Use Plan organized the development into five major planning areas to help diversify use. Matrix provided regulatory recommendations in regards to rezoning, urban infill and parking. The Implementation Plan outlined three phases in which city officials and private stakeholders may enact the Master Plan. Matrix provided a list of recommended actions in order to implement the Life on Main Master Plan.



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**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.)*

<p>a. TITLE AND LOCATION <i>(City and State)</i> Encroachment Action Plan Naval Observatory, Flagstaff Station, Arizona</p>	<p>b. YEAR COMPLETED <b>2008</b></p> <table border="1"> <tr> <td data-bbox="974 520 1250 598">PROFESSIONAL SERVICES Military Planning</td> <td data-bbox="1250 520 1554 598">CONSTRUCTION <i>(If applicable)</i></td> </tr> </table>	PROFESSIONAL SERVICES Military Planning	CONSTRUCTION <i>(If applicable)</i>
PROFESSIONAL SERVICES Military Planning	CONSTRUCTION <i>(If applicable)</i>		

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER U.S. Navy	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$93,059	e. TOTAL COST OF PROJECT \$93,059
-------------------------------	--	--------------------------------------

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

The Naval Observatory Flagstaff Station (NOFS) was established in 1955 as a result of the problems experienced from the increasing light pollution at the Naval Observatory in Washington, DC. Classified as a dark-sky observing site, NOFS is located approximately 5 miles west of downtown Flagstaff and is situated on 287 acres of Navy-owned land which is surrounded by Arizona State Trust land, US Forest Service land (Coconino National Forest), and smaller private holdings.

Recent demand for land in the area and existing capacity to handle this demand through the sale of lands owned by the Arizona State Land Department, the U.S. Forest Service, and other parties in proximity to the installation, present extreme challenges to NOFS' ability to preserve its dark sky environment.

The goal of this project was to examine and implement various options toward protecting and safeguarding NOFS' mission. Such options include:

- Coordination with the Governor's Military Affairs Commission;
- Support for State Trust Land reform;
- Land Acquisition;
- Department of Defense/Navy Purchase of Conservation Easements;
- Military Installation Fund application (State of Arizona);
- Partnerships with Non-Governmental Organizations to facilitate purchases and/or transfers for conservation.

In order to accomplish this goal, Matrix Design Group planners conducted multiple investigation trips to engage local stakeholders including federal agencies (US Forest Service, US Fish and Wildlife, Department of Defense, and the Navy), state agencies (Arizona State Land Department and the Arizona Department of Fish and Game), local jurisdictions (City of Flagstaff and Coconino County), Northern Arizona University, and other private landowners in developing a collaborative working relationship under the desire for common goals. Matrix also developed a Comprehensive Baseline Report and Implementation Plan designed to foster the relationships built through this process and preserve the vital lands needed for the continued operation of the Naval Observatory.



**ATTACHMENT I – General Qualifications**

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729**

**STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007**

**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.)*

<p>a. TITLE AND LOCATION <i>(City and State)</i> General Plan Update; City of Peoria, Arizona</p>	<p>b. YEAR COMPLETED <b>2002</b></p>	
	<p>PROFESSIONAL SERVICES Master Planning</p>	<p>CONSTRUCTION <i>(If applicable)</i></p>

**23. PROJECT OWNER'S INFORMATION**

<p>c. PROJECT OWNER City of Peoria</p>	<p>d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$150,000</p>	<p>e. TOTAL COST OF PROJECT \$150,000</p>
--	---	---

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

The growth and expansion of the City of Peoria's incorporated area has changed the needs and desires of its residents and made the previous General Plan, prepared in 1987, ineffective and obsolete. In 2001, Matrix Design Group community planners, in compliance with Growing Smarter, prepared the General Plan update required to keep pace with the tremendous growth and development of the community over the 13 year span from 1987 to 2000. Eight elements of the General Plan--Land Use, Circulation, Environmental Resources, Recreation and Open Space, Public Services and Facilities, Housing, Safety, and Rehabilitation and Redevelopment were prepared. An extensive inventory and analysis, creation of GIS database mapping, community involvement, and communication between City staff, Technical and Project Advisory committees, and City of Peoria residents contributed to the success of this project.



ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:  
ADSP015-00004729

STATE PROCUREMENT OFFICE  
Department of Administration  
100 North 15<sup>th</sup> Avenue, Suite 201  
Phoenix, Arizona 85007

6. ADDITIONAL INFORMATION

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

In response to Item 6, Additional Information, Matrix has provided four (4) brochures as attachments. These brochures are attached on the pages following this one, and are as follows:

- Matrix Services
- Community Planning Services
- Land Development Services
- Landscape Architecture and Urban Design

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

a. Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	80%
b. Percentage of Total Work Attributable to Non-Government Work:	20%

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

Signature: 

Date: 12/30/2014

Name: Celeste Werner, AICP

Title: Vice President



**Matrix Design Group** is an award-winning interdisciplinary consulting firm providing integrated services in:

- Program Management
- Infrastructure Master Planning
- Military / Compatibility Planning
- Redevelopment / BRAC
- Community Planning

- Landscape Architecture / Urban Design
- Environmental Services: Planning, Investigation, Remediation & Compliance
- Project Cost & Financial Modeling
- Land Development Engineering
- Water Resources Planning & Design
- Utility Planning & Design
- Transportation Planning & Engineering
- Roadway & Bridge Design
- Munitions & Explosives of Concern Cleanup
- Construction Management
- Geographic Information Systems (GIS)
- Survey



2224 W. Northern Avenue, Suite D240  
Phoenix, AZ 85021

[matrixdesigngroup.com](http://matrixdesigngroup.com)  
602.288.8344



**Integrated Planning, Design, and Engineering Solutions**

## INTEGRATED SERVICES

### Land Development

- Master Planning, Platting, Entitlement Documents, Subdivision Improvements, Site Plan and Design

### Community Planning

- General / Comprehensive Plans, Policy / Strategic Plans, Zoning Ordinances, Redevelopment, Downtown Plans, Compatibility / JLUS, Military, Entitlement, Public Engagement / Facilitation

### Landscape Architecture / Urban Design

- Site Evaluation / Feasibility Analysis, Waterfront Planning & Design, Resort Development, Parks & Recreation, Mixed-use Communities, Corporate & Commercial Centers, Historic & Cultural Attractions, Land Conservation, Signage & Wayfinding

### Transportation

- Traffic Engineering, Planning, and Geometric Design, System-wide Models, Corridor Studies, Highway Design

### Water Resources

- Water Supply, Water Rights, Wastewater Treatment, Flood Control, Sanitary Sewage and Waste Management

### Structural / Civil Engineering

- Bridges, Buildings, Transportation Structures

### Economics

- Appraisals, Cost Models, Value Engineering, District Formation, Business Planning, Pro Forma Development, Life Cycle & NPV

### Federal Services Group

- Program Management, BRAC, Environmental Restoration, Public Works, Airfields, Sustainability, LEEDS Certification, Systems Delivery, Privatization



**Stapleton Redevelopment**  
Denver, Colorado



**Geographic Information Systems**



**Environmental Remediation**

### Environmental

- Planning, investigations, engineering design, remediation, brownfields redevelopment, munitions investigation and cleanup, regulatory compliance & permitting

### Program Management

- Program Planning and Implementation, Owners Representation, PM/CM, Field Services, QA/QC, Scheduling, Cost Modeling, Negotiations



**Community Outreach Facilitation**



**Site Master Planning**

### An Integrated Approach...

We draw from a wide range of in-house capabilities to provide an integrated and comprehensive approach to each project, resulting in solutions that seamlessly translate to real world success.



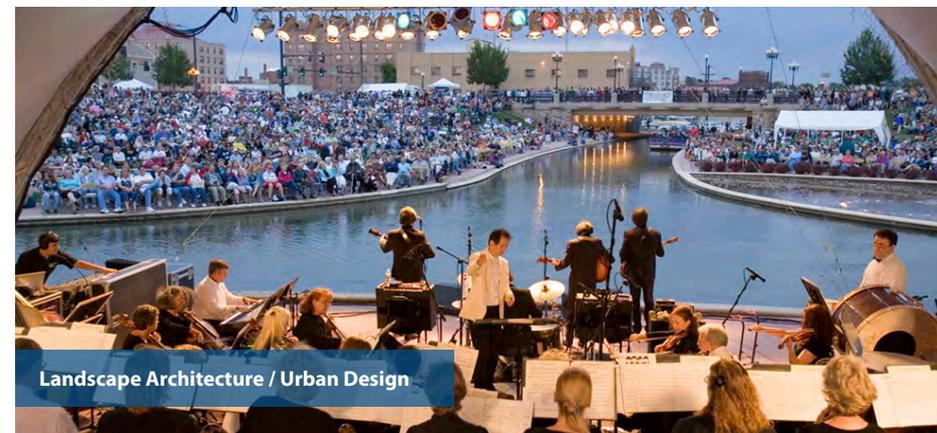
**Water Resources Management Planning / Design**



**Civil / Structural Engineering**



**Transportation Planning / Design**



**Landscape Architecture / Urban Design**



**Construction Management / Survey**

**Matrix Design Group** is an award-winning interdisciplinary consulting firm providing integrated services in:

- Program Management
- Infrastructure Master Planning
- Military / Compatibility Planning
- Redevelopment / BRAC
- Community Planning
- Landscape Architecture / Urban Design
- Environmental Services: Planning, Investigation, Remediation & Compliance
- Project Cost & Financial Modeling
- Land Development Engineering
- Water Resources Planning & Design
- Utility Planning & Design
- Transportation Planning & Engineering
- Roadway & Bridge Design
- Munitions & Explosives of Concern Cleanup
- Construction Management
- Geographic Information Systems (GIS)
- Survey



2224 W. Northern Avenue, Suite D240  
Phoenix, AZ 85021

matrixdesigngroup.com  
602.288.8344

## COMMUNITY PLANNING SERVICES



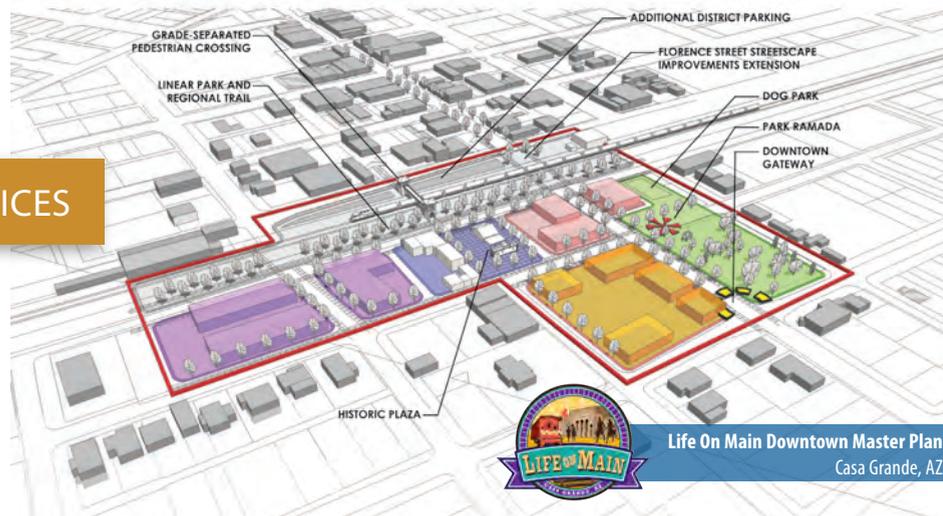
Integrated Planning, Design, and Engineering Solutions

## COMMUNITY PLANNING SERVICES

We offer a wide-range of services that integrate community involvement, charrette-based visioning, and facilitation with real world market economics, infrastructure, and physical site realities. We bring to every project a lessons-learned approach that provides our clients with the ability to make informed choices.

Planning services provided include:

- General / Comprehensive Plans
- Policy & Strategic Plans
- Zoning Ordinances
- Redevelopment Plans
- Downtown Plans
- Site Planning
- Compatibility Planning / JLUS
- Military Planning
- BRAC Reuse Planning
- Entitlement
- Public Engagement & Facilitation



### 1 CREATIVE REUSE OF LAND

**Quick Facts:**

- Acres by GP designation
- Acres by existing land use
- SLOCOC projects a growth of 973 dwelling units between 2010 and 2020, with a corresponding population growth of 1,982.

**Survey Says:**

**71%** of respondents supported using vacant lots in existing neighborhoods for residential buildings like those which have been built in the neighborhood. 63% supported redeveloping underdeveloped sites with buildings compatible with the neighborhood. A little more than half supported mixed use infill development in existing buildings.

**80%** of respondents chose development in existing commercial areas, using vacant lots for new buildings generally like ones which have been built there. 41% chose replacing smaller commercial buildings with larger ones, and 27% chose commercial/residential mixed use.

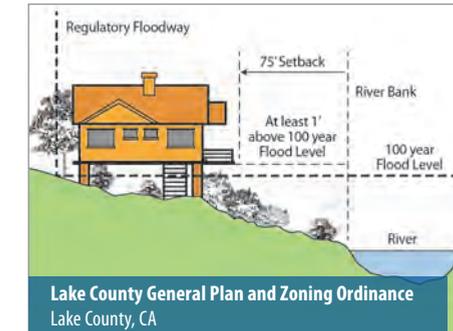
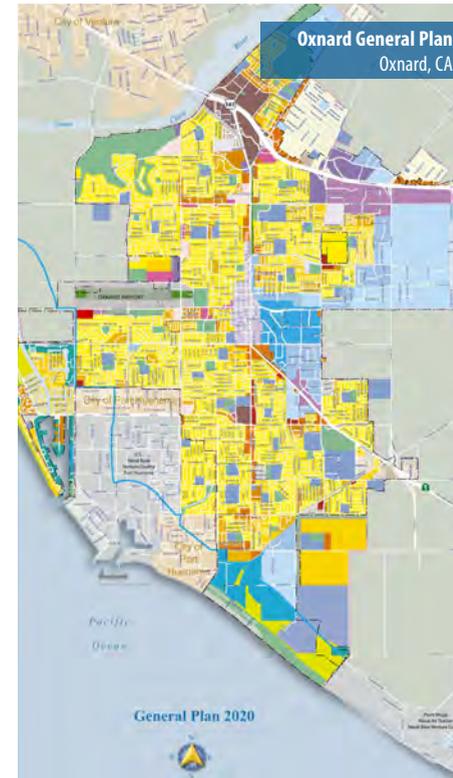
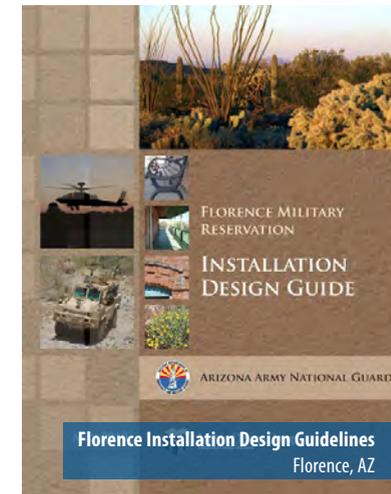
**Focus Questions:**

- What are the possible locations for infill (commercial or residential)?
- Survey responses indicate that residents want new development to be consistent with existing development – what does that look like?

**Some Ideas:**

- Housing and transportation choices near jobs, shops and schools.
- Choices and personal freedom, good return on public investment, and a thriving natural environment.
- Efficient land development that ties into existing infrastructure.
- Development that consumes less land and preserves open space and natural systems.
- Connectivity between neighborhoods and local services.

**2035 General Plan Update**  
San Luis Obispo, CA



From rural counties to large metropolitan areas, from general/comprehensive plan updates to downtown revitalization programs, our planners have worked on the planning blueprints used to enhance communities. Our planners understand the challenges faced by communities and the complex interrelationships between issues that need to be addressed by a successful planning program.

**Matrix Design Group** is an award-winning interdisciplinary consulting firm providing integrated services in:

- Program Management
- Infrastructure Master Planning
- Military / Compatibility Planning
- Redevelopment / BRAC
- Community Planning
- Landscape Architecture / Urban Design
- Environmental Services: Planning, Investigation, Remediation & Compliance
- Project Cost & Financial Modeling
- Land Development Engineering
- Water Resources Planning & Design
- Utility Planning & Design
- Transportation Planning & Engineering
- Roadway & Bridge Design
- Munitions & Explosives of Concern Cleanup
- Construction Management
- Geographic Information Systems (GIS)
- Survey



2224 W. Northern Avenue, Suite D240  
Phoenix, AZ 85021

[matrixdesigngroup.com](http://matrixdesigngroup.com)  
602.288.8344



LAND DEVELOPMENT SERVICES



Integrated Planning, Design, and Engineering Solutions



## LAND DEVELOPMENT SERVICES

Matrix provides a full spectrum of Land Development services ranging from infrastructure master planning and due diligence to preparation of construction documents for residential subdivisions, multi-family projects, campus environments and retail developments. We create functional, attractive and sustainable design solutions that are responsive to our clients' needs, visions and budgets..

Our Land Development services include:

- Program Management
- Infrastructure Master Planning and Design
- Site Planning and Design
- Civil Engineering
- Cost Modeling and Value Engineering
- Roadway and Utility System Design
- Entitlement Coordination
- Geographic Information Systems (GIS)
- Land Surveying
- Construction Management



**Stapleton International Airport Redevelopment**  
**4,000-Acre Mixed-Use Community**  
*Forest City Stapleton, Inc.*  
 Denver, Colorado



**Veteran's Bridge**  
*HARP Foundation*  
 Pueblo, Colorado



**Desert Ridge Master Plan**  
**5,800-Acre Mixed-Use Community**  
*Northeast Phoenix Partners, Inc.*  
 Phoenix, Arizona



**Denver Master Plan - Wastewater**  
 City and County of Denver, Colorado



**Eastbridge Apartments**  
**118-Unit Complex**  
*Forest City Commercial*  
 Denver, Colorado



**Lowry AFB Redevelopment**  
**1,800-Acre Mixed-Use Community**  
*Lowry Redevelopment Authority*  
 Denver, Colorado

**An Integrated Approach...**  
 Our planning and engineering design solutions meet client needs in the many complex areas of the land development process, resulting in a phased solution that provides infrastructure at the right time and reduces capital expenditures.



**Fitzsimons Army Medical Center Redevelopment**  
**570-Acre Bioscience Research Park**  
*Fitzsimons Redevelopment Authority*  
 Aurora, Colorado

In addition to those shown, we are pleased to have the following quality development companies among our clients:

- Opus
- Meritage
- Pulte
- Red Development
- Centex
- Lennar
- DMB
- Sterling Ranch
- Western Development Group
- Simpson Housing
- KB Homes
- David Weekly Homes
- Boys and Girls Club
- Costco
- Target
- Sears



**Solterra**  
**363-Acre Master Planned Community**  
*Carma Communities Colorado, Inc.*  
 Lakewood, Colorado

**Matrix Design Group** is an award-winning interdisciplinary consulting firm providing integrated services in:

- Program Management
- Infrastructure Master Planning
- Military / Compatibility Planning
- Redevelopment / BRAC
- Community Planning
- Landscape Architecture & Urban Design
- Environmental Services: Planning, Investigation, Remediation & Compliance
- Project Cost & Financial Modeling
- Land Development Engineering
- Water Resources Planning & Design
- Utility Planning & Design
- Transportation Planning & Engineering
- Roadway & Bridge Design
- Munitions & Explosives of Concern Cleanup
- Construction Management
- Geographic Information Systems (GIS)
- Survey



2224 W. Northern Avenue, Suite D240  
Phoenix, AZ 85021

[matrixdesigngroup.com](http://matrixdesigngroup.com)  
602.288.8344

ATLANTA • ANNISTON • COLORADO SPRINGS • DENVER • NICEVILLE • PARSONS • PUEBLO • PHOENIX • SACRAMENTO • WASHINGTON D.C.



## LANDSCAPE ARCHITECTURE & URBAN DESIGN



Integrated Planning, Design, and Engineering Solutions



## LANDSCAPE ARCHITECTURE & URBAN DESIGN

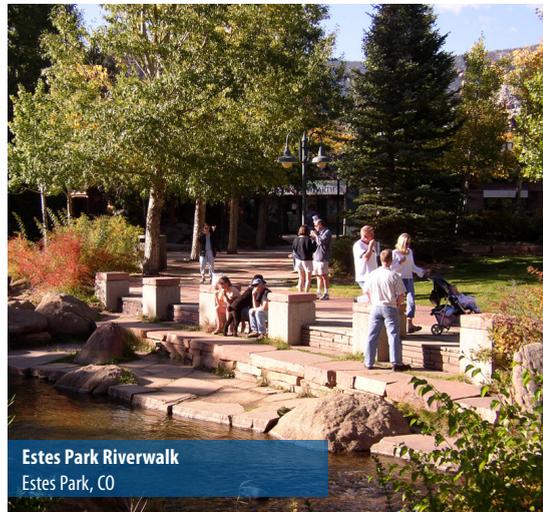
Matrix Design Group's Landscape Architecture and Urban Design studio is nationally recognized for their problem solving, creativity, project management and implementation strategies. Our team is composed of talented professionals with national and international experience in a variety of complex project types. The recipient of regional, state, and national planning and design awards, Matrix is licensed to practice Landscape Architecture and Planning throughout the United States.

Landscape Architecture and Urban Design services include:

- Site Evaluation and Feasibility Analysis
- Waterfront Planning and Design
- Resort Development
- Parks and Recreation
- Mixed-use Communities
- Downtown Redevelopment & Urban Infill
- Corporate and Commercial Centers
- Historic and Cultural Attractions
- Land Conservation
- Signage and Wayfinding
- Community Outreach



**Westminster Commuter Rail Station & Little Dry Creek Park**  
Westminster, CO



**Estes Park Riverwalk**  
Estes Park, CO



**Colorado State Capitol**  
Denver, CO



**Centennial Community Identification & Wayfinding Signage**  
Centennial, CO



**Infinity Park**  
Glendale, CO



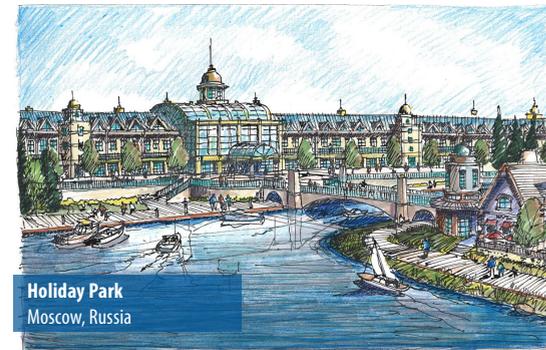
**Historic Arkansas Riverwalk of Pueblo**  
Pueblo, CO



**Solterra**  
Lakewood, CO



**Seasons of Cherry Creek**  
Denver, CO



**Holiday Park**  
Moscow, Russia



**The Shops at Walnut Creek**  
Denver, CO



**Copper Mountain Resort**  
Summit County, Colorado



**The Smoky Hill River Renewal**  
Salina, KS