

**DEFINITIONS**

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

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

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

**Firm:** Defined in ARS § 32-101(B.19.).

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

**SPECIFIC INSTRUCTIONS:**

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

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

4. **Resumes of Key Personnel Proposed for This Contract.** Complete this section for each key person who will participate in this contract.
  - a. Self-explanatory.
  - b. Self-explanatory
  - c. Total years of relevant experience (block c1), and years of relevant experience with current firm, but not necessarily the same branch office (block c2).
  - d. Name, City and State of the firm where the person currently works, which must correspond with one of the firms (or branch office or a firm, if appropriate) listed in Section 1.
  - e. Provide information on the highest relevant academic degree(s) received. Indicate the area(s) of specialization for each degree.
  - f. Provide information on current relevant professional registration(s) and in which State(s) they are current.
  - g. Provide information on any other professional qualifications relating to this contract, such as education, professional registration, publications, organizational memberships, certifications, training, awards, and foreign language capabilities.
  - h. Provide information on no more than five (5) projects in the last year which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section 5 for the project team if the person was not involved in any of those those projects or the person worked on other projects that were more relevant than the team projects in Section 5. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role.
  
5. **Example Projects Which Best Illustrate Firms Qualification for this contract.** Select project where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. Complete one Section 5 for each project. List no more than five (5) projects.
  - a. Title and Locations of project or contract. For an indefinite delivery contract, the location is the geographic scope of the contract.
  - b. Enter the year completed of the professional services (such as planning, engineering study, or design), and/or the year completed if construction. If any of the professional services or the construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description of Project and Relevance to This Contract (block f).
  - c. Project Owner or user, such as a government agency or installation, an institution, a corporation or private individual.
  - d. Provide the original budget or not to exceed dollar amount for the project.
  - e. Provide the Total Cost of the Project. If any of the professional services or construction projects is not complete, indicate the percentage complete and whether this project will be on budget, over or under budget.
  - f. Brief Description: Indicate scope, size, and length of project, principle elements and special features of the project. Discuss the relevance of the example project to this contract.
  
6. **Additional Information.** Use this section to provide additional information you feel may be necessary to describe your firm's qualifications for this contract.
  
7. **Annual Average Professional Services Revenues of Firm for Last 3 Years.** Complete this block for the firm or branch office for which this form is completed. In column a, enter an approximate percentage of total work attributable to State, Federal or Municipal Work. In column b, enter an approximate percentage of total work attributable to Non-Government work. Percentages should take into consideration work completed over the last 3 years.
  
8. **Authorized Representative.** An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

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

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

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

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

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

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

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

**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:                  | Emc2 Group Architects Planners, PC |
| b.    | FIRM (OR BRANCH OFFICE) STREET:                | 1635 N. Greenfield Road, Suite 144 |
| c.    | FIRM (OR BRANCH OFFICE) CITY:                  | Mesa                               |
| d.    | FIRM (OR BRANCH OFFICE) STATE:                 | AZ                                 |
| e.    | FIRM (OR BRANCH OFFICE) ZIP CODE:              | 85205                              |
| f.    | YEAR ESTABLISHED:                              | 2001                               |
| (g1). | OWNERSHIP - TYPE:                              | Corporation                        |
| (g2). | OWNERSHIP - SMALL BUSINESS STATUS:             | Small Business                     |
| h.    | POINT OF CONTACT NAME AND TITLE:               | Richard Clutter, President         |
| i.    | POINT OF CONTACT TELEPHONE NUMBER:             | 480.830.3838                       |
| j.    | POINT OF CONTACT E-MAIL ADDRESS:               | info@emc2architects.com            |
| k.    | NAME OF FIRM (If block 1a is a branch office): |                                    |

**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 |
|---------------------|---|----------------------------|------------------------------|
| Architect           | P   | 4                          |                              |
| Project Manager     | S   | 4                          |                              |
| Project Manager     | P   | 1                          |                              |
| CADD Technician     | P   | 5                          |                              |
| CADD Technician     | S   | 1                          |                              |
| Other               |   | 4                          |                              |
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| <b>Total</b>        |   | 14 employees               |                              |

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**3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR**

| a. Approximate No. of Projects | b. Experience                      | c. Revenue Index Number (see below) |
|--------------------------------|------------------------------------|-------------------------------------|
| 1                              | Barracks, Dormitories              | 1                                   |
| 39                             | Community Facilities: Religious    | 4                                   |
| 15                             | Educational Facilities; Classrooms | 5                                   |
| 2                              | Libraries; Museums; Galleries      | 1                                   |
| 7                              | Office Buildings; Industrial Parks | 3                                   |
| 1                              | Sustainable Design                 | 3                                   |
|                                |                                    |                                     |
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**PROFESSIONAL SERVICES REVENUE INDEX NUMBER**

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

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REVISED - Attachment I – General Qualifications**

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

|  |  |  |  |                       |                                   |
|--|--|--|--|-----------------------|-----------------------------------|
| a. NAME<br><b>Richard Clutter</b>  |  | b. ROLE IN THIS CONTRACT<br><b>Principal</b> |  | c. YEARS EXPERIENCE   |                                   |
|  |  |  |  | 1. TOTAL<br><b>30</b> | 2. WITH CURRENT FIRM<br><b>28</b> |
| d. FIRM NAME AND LOCATION (City and State)<br><b>Emc2 GROUP ARCHITECTS PLANNERS, PC, Mesa, Arizona</b>   |  |  |  |                       |                                   |
| e. EDUCATION (DEGREE AND SPECIALIZATION)   |  |  | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)  |                       |                                   |
| <ul style="list-style-type: none"> <li>• Masters of Architecture, 1985, Texas A&amp;M University (College Station, Texas)</li> <li>• Bachelor of Environmental Design, 1983, Texas A&amp;M University (College Station, Texas)</li> </ul>  |  |  | <ul style="list-style-type: none"> <li>• Arizona #24640</li> <li>• Recognized Educational Facility Planner (REFP) by Council of Educational Facility Planners International (CEFPI)</li> <li>• LEED Accredited Professional</li> </ul> |                       |                                   |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)<br><b>Richard has more than 30 years of experience in major educational projects in Arizona, and has been involved in all phases of project development from on-site design through construction. He manages projects from programming to construction documents, and from construction administration through project close-out. He manages the main architectural services contract as well as consultant contracts. He is a member of the Council of Educational Facility Planners International (CEFPI). He has spoken extensively about Colonel Smith Middle School success, including Alliance for Construction Excellence Renewable Energy Task Force (Tempe, AZ) and CEFPI Symposium (Scottsdale, AZ). He is a member of the Council of Educational Facility Planners International. He is President of Emc2.</b> |  |  |  |                       |                                   |

**H. RELEVANT PROJECTS**

|    |  |   |   |
|----|--|---|---|
| 1) | (1) TITLE AND LOCATION (City and State)<br><b>Red Mountain Library thinkSpot, Mesa, Arizona</b>  | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2013</b>          | Construction (if applicable)<br><b>2013</b> |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>This renovation combines two meeting rooms into a new space that offers Library patrons the opportunity to collaborate, research, and create their own digital content. Thinkspot provides a living room/home office environment where individuals, as well as small and large groups, can gather to work on projects. 2,238 SF/\$375,000. He is Principal-in-Charge.</b> |   |   |
| 2) | (1) TITLE AND LOCATION (City and State)<br><b>City of Mesa, Remodel of Intake, Booking &amp; Holding Cells at Main Police Department, Mesa, Arizona</b>  | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>Est. Nov 2013</b> | Construction (if applicable)<br><b>TBD</b>  |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Women's Holding cell is being doubled in size. To increase security and improve workflow, new counters are being designed for Processing, Intake and Fingerprinting that allow Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. His role is Principal-in-Charge.</b>  |   |   |
| 3) | (1) TITLE AND LOCATION (City and State)<br><b>New Administration Center, Queen Creek, Arizona</b>  | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2010</b>          | Construction (if applicable)<br><b>2010</b> |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Center captures the vernacular of farming and rural Queen Creek while using a forward-thinking design that gives the district a professional face to the community. It incorporates curved metal panel surfaces (hinting of farming silos) and a clean professional looking glass entry area. 35,000 SF/\$4,100,000. His role was Principal-in-Charge</b>             |   |   |
| 4) | (1) TITLE AND LOCATION (City and State)<br><b>Colonel Smith Middle School Complex, Fort Huachuca, Arizona</b>  | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2012</b>          | Construction (if applicable)<br><b>2012</b> |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Colonel Smith Middle School Complex is one of the country's most progressive examples of collaborative and technology-based learning for Science, Technology, Engineering and Math Curriculum (STEM). It is Arizona's first Net Zero Energy School. 88,693 SF/\$17,500,000 His role is Principal in Charge.</b>   |   |   |

**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<br><b>Todd Kuenning</b>  | b. ROLE IN THIS CONTRACT<br><b>Project Manager</b> | c. YEARS EXPERIENCE   |                                   |
|  |  | 1. TOTAL<br><b>18</b>   | 2. WITH CURRENT FIRM<br><b>12</b> |
| d. FIRM NAME AND LOCATION (City and State)<br><b>Emc2 Group Architects Planners, PC, Mesa, Arizona</b>   |  |   |                                   |
| e. EDUCATION (DEGREE AND SPECIALIZATION)<br><b>Bachelor of Science in Architectural Studies, 1994,<br/>University of Nebraska (Lincoln, Nebraska)</b>  |  | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)<br><b>Registered Architect #50020</b> |                                   |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)<br><b>Todd has more than 18 years of experience in design and construction of education, office buildings and financial institution projects. He manages day-to-day details of the project from programming to construction documents, and from construction administration through project close-out. He manages consultant contracts as well as the main architectural services contract, and assists in project design and documentation activities. He manages the permitting documentation, as well as the bidding and construction administration phases.</b> |  |   |                                   |

**H. RELEVANT PROJECTS**

|    |   |   |  |
|----|---|---|--|
| 1) | (1) TITLE AND LOCATION (City and State)<br><b>Centerpoint CIDSE Renovations, Tempe, Arizona</b>   | (2) Year Completed                            |  |
|    |   | Professional Services<br><b>Est. Dec 2013</b> | Construction (if applicable)<br><b>Est. Dec 2013</b> |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The project consists of the remodel of three suites in the Centerpoint Building A in Tempe for the ASU Fulton School of Engineering and School of Computing, Informatics and Decision Systems Engineering. Cost: \$2,000,000. His role is Project Manager.</b>   |   |  |
| 2) | (1) TITLE AND LOCATION (City and State)<br><b>City of Mesa, Remodel of Intake, Booking &amp; Holding Cells at Main Police Department, Mesa, Arizona</b>   | (2) Year Completed                            |  |
|    |   | Professional Services<br><b>Est. Nov 2013</b> | Construction (if applicable)<br><b>Est. Nov 2013</b> |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Women's Holding cell is being doubled in size. To increase security and improve workflow, new counters are being designed for Processing, Intake and Fingerprinting that allow Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. His role is Project Manager.</b> |   |  |
| 3) | (1) TITLE AND LOCATION (City and State)<br><b>Colonel Smith Middle School Complex, Fort Huachuca, Arizona</b>   | (2) Year Completed                            |  |
|    |   | Professional Services<br><b>2012</b>          | Construction (if applicable)<br><b>2012</b>          |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Colonel Smith Middle School Complex is one of the country's most progressive examples of collaborative and technology-based learning for Science, Technology, Engineering and Math Curriculum (STEM). It is Arizona's first Net Zero Energy School. 88,693 SF/\$17,500,000 His role is Project Manager.</b>                    |   |  |
| 4) | (1) TITLE AND LOCATION (City and State)<br><b>New Peoria K-8 Prototype School, Peoria, Arizona</b>  | (2) Year Completed                            |  |
|    |   | Professional Services<br><b>2014</b>          | Construction (if applicable)<br><b>2014</b>          |
|    | (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>New, \$16 million K-8 prototype School. Building 1 is 72,841 SF and Building 2 is 23,188 SF. His role is Project Manager of multi-discipline team.</b>   |   |  |

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

|   |  |  |  |                       |                                   |
|---|--|--|--|-----------------------|-----------------------------------|
| a. NAME<br><b>Dominic Monacchio, RA</b>   |  | b. ROLE IN THIS CONTRACT<br><b>Project Manager</b> |  | c. YEARS EXPERIENCE   |                                   |
|   |  |  |  | 1. TOTAL<br><b>20</b> | 2. WITH CURRENT FIRM<br><b>12</b> |
| d. FIRM NAME AND LOCATION <i>(City and State)</i><br><b>Emc2 GROUP ARCHITECTS PLANNERS, PC, Mesa, Arizona</b>   |  |  |  |                       |                                   |
| e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i>   |  |  | f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> |                       |                                   |
| <ul style="list-style-type: none"> <li><b>BArch Program, 1992-1997, University of Arizona (Tucson, Arizona)</b></li> <li><b>General Studies, 1989-1991, Arizona State University (Tempe, Arizona)</b></li> </ul>  |  |  | <b>Registered Architect #45064</b>                                 |                       |                                   |
| g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i><br><b>Dominic has more than 20 years of experience in design and construction of education, office buildings and industrial projects. As Assistant Project Manager, he will assist the Project Manager, and handle the day-to-day details of the project from programming to construction documents, and from construction administration through project close-out. He manages the consultant contracts as well as the main architectural services contract, and assists in the project design and documentation activities. He manages the permitting documentation, as well as the bidding and construction administration phases.</b> |  |  |  |                       |                                   |

**H. RELEVANT PROJECTS**

|    |  |   |   |
|----|--|---|---|
| 1) | (1) TITLE AND LOCATION <i>(City and State)</i><br><b>City of Mesa, Remodel of Intake, Booking &amp; Holding Cells at Main Police Department, Mesa, Arizona</b>   | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>Est. Nov 2013</b> | Construction <i>(if applicable)</i><br><b>Est. Nov 2013</b> |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Women's Holding cell is being doubled in size. To increase security and improve workflow, new counters are being designed for Processing, Intake and Fingerprinting that allow Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. His role is Assistant Project Manager.</b>   |   |   |
| 2) | (1) TITLE AND LOCATION <i>(City and State)</i><br><b>New Administration Center, Queen Creek, Arizona</b>   | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2010</b>          | Construction <i>(if applicable)</i><br><b>2010</b>          |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Center captures the vernacular of farming and rural Queen Creek while using a forward-thinking design that gives the district a professional face to the community. It incorporates curved metal panel surfaces (hinting of farming silos) and a clean professional looking glass entry area. 35,000 SF/\$4,100,000. His role was Assistant Project Manager.</b>   |   |   |
| 3) | (1) TITLE AND LOCATION <i>(City and State)</i><br><b>Colonel Smith Middle School Complex, Fort Huachuca, Arizona</b>   | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2012</b>          | Construction <i>(if applicable)</i><br><b>2012</b>          |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Colonel Smith Middle School Complex is one of the country's most progressive examples of collaborative and technology-based learning for Science, Technology, Engineering and Math Curriculum (STEM). It is Arizona's first Net Zero Energy School. 88,693 SF/\$17,500,000 His role was Assistant Project Manager.</b>   |   |   |
| 4) | (1) TITLE AND LOCATION <i>(City and State)</i><br><b>Rillito School Addition, Tucson, Arizona</b>  | (2) Year Completed                            |   |
|    |  | Professional Services<br><b>2011</b>          | Construction <i>(if applicable)</i><br><b>2011</b>          |
|    | (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Project scope includes refurbishing/remodel existing 8,000 SF Center while adding approximately 20,000 SF of new classrooms, administration, health offices and exterior site improvements for playground areas, walkways, security fencing and special learning spaces. Eight existing portable classroom buildings were demolished to make way for new construction. The addition also includes new administrative offices, nurse suite, reception and testing rooms. The site includes new bus, parent and emergency vehicle lanes with additional staff parking. His role was Assistant Project Manager.</b> |   |   |

**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<br><b>Anthony Plummer</b>  |   | b. ROLE IN THIS CONTRACT<br><b>Project Manager</b> |   | c. YEARS EXPERIENCE                            |   |
|  |   |  |   | 1. TOTAL<br><b>21</b>                          | 2. WITH CURRENT FIRM<br><b>1</b>                      |
| d. FIRM NAME AND LOCATION (City and State)<br><b>Emc2 GROUP ARCHITECTS PLANNERS, PC, Mesa, Arizona</b>   |   |  |   |  |   |
| e. EDUCATION (DEGREE AND SPECIALIZATION)   |   |  | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) |  |   |
| <ul style="list-style-type: none"> <li><b>Architectural Studies, Phoenix College</b></li> <li><b>Architecture Certification, Metro Tech Vocational, 1988</b></li> </ul>  |   |  |   |  |   |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)<br><b>Anthony Plummer is a Project Manager and brings over 20 years of professional and technical expertise with the design, planning and administration of small to large scale commercial and residential building projects. Anthony's diverse background includes project design, site assessment and planning, construction bidding activities, document preparation, construction management and site inspections. As a Project Manager, he uses his exceptional client focus and creative problems resolution skills to consult, coordinate and manage multiple projects to meet deadlines on time and in budget.</b> |   |  |   |  |   |
| <b>H. RELEVANT PROJECTS</b>  |   |  |   |  |   |
| 1)   | (1) TITLE AND LOCATION (City and State)<br><b>City of Mesa, Remodel of Intake, Booking &amp; Holding Cells at Main Police Department, Mesa, Arizona</b> |  |   | (2) Year Completed                             |   |
|  |   |  |   | Professional Services<br><b>Est. Nov 2013</b>  | Construction (if applicable)<br><b>Est. Nov 2013</b>  |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Women's Holding cell is being doubled in size. To increase security and improve workflow, new counters are being designed for Processing, Intake and Fingerprinting that allow Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. His role is Project Manager.</b>  |   |  |   |  |   |
| 2)   | (1) TITLE AND LOCATION (City and State)<br><b>Buesing Corporation Addition, Phoenix, Arizona</b>  |  |   | (2) Year Completed                             |   |
|  |   |  |   | Professional Services<br><b>July 2014</b>      | Construction (if applicable)<br><b>July 2014</b>      |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>New Building 10,000SF Addition. Budget: \$200,000. His role is Project Manager.</b>   |   |  |   |  |   |
| 3)   | (1) TITLE AND LOCATION (City and State)<br><b>Pathfinder Academy, Mesa, Arizona</b>   |  |   | (2) Year Completed                             |   |
|  |   |  |   | Professional Services<br><b>Est. Fall 2014</b> | Construction (if applicable)<br><b>Est. Fall 2014</b> |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>New K-8 School. 28,718 SF/\$4,000,000. His role is Project Manager.</b>   |   |  |   |  |   |
| 4)   | (1) TITLE AND LOCATION (City and State)<br><b>ASU Polytechnic Middle School Renovation, Mesa, Arizona</b>   |  |   | (2) Year Completed                             |   |
|  |   |  |   | Professional Services<br><b>2012</b>           | Construction (if applicable)<br><b>2012</b>           |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm<br><b>Middle School campus renovation. Assistant Project Manager.</b>  |   |  |   |  |   |

**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.)**

|  |  |  |  |                       |                                  |
|--|--|--|--|-----------------------|----------------------------------|
| b. NAME<br><b>Tonya Peters</b>   |  | b. ROLE IN THIS CONTRACT<br><b>Interior Architecture</b> |  | c. YEARS EXPERIENCE   |                                  |
|  |  |  |  | 1. TOTAL<br><b>12</b> | 2. WITH CURRENT FIRM<br><b>5</b> |
| d. FIRM NAME AND LOCATION (City and State)<br><b>Emc2 GROUP ARCHITECTS PLANNERS, PC, Mesa, Arizona</b>   |  |  |  |                       |                                  |
| e. EDUCATION (DEGREE AND SPECIALIZATION)<br><b>Bachelor of Science in Interior Design, 1994,<br/>Kansas State University (Manhattan, Kansas)</b>   |  |  | f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)<br><b>FIDER Accredited</b> |                       |                                  |
| g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)<br><b>Tonya has been in the Interior Architecture field for more than a decade with project expertise in projects from 1,000 to 300,000+ sf. She assists the Project Manager with interior and exterior design development, and interior color selections and details. Works with suppliers to ensure quality and on-time delivery of finishes.</b> |  |  |  |                       |                                  |

**H. RELEVANT PROJECTS**

|  |  |                                      |   |
|--|--|--------------------------------------|---|
| 1)   | (1) TITLE AND LOCATION (City and State)<br><b>Red Mountain Library thinkSpot, Mesa, Arizona</b>                                      | (2) Year Completed                   |   |
|  |  | Professional Services<br><b>2013</b> | Construction (if applicable)<br><b>2013</b> |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>This renovation combines two meeting rooms into a new space that offers Library patrons the opportunity to collaborate, research, and create their own digital content. Thinkspot provides a living room/home office environment where individuals, as well as small and large groups, can gather to work on projects. 2,238 SF/\$375,000. He is Principal-in-Charge.</b> |  |                                      |   |
| 2)   | (1) TITLE AND LOCATION (City and State)<br><b>New Administration Center, Queen Creek, Arizona</b>                                    | (2) Year Completed                   |   |
|  |  | Professional Services<br><b>2010</b> | Construction (if applicable)<br><b>2010</b> |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>The Center captures the vernacular of farming and rural Queen Creek while using a forward-thinking design that gives the district a professional face to the community. It incorporates curved metal panel surfaces (hinting of farming silos) and a clean professional looking glass entry area. 35,000 SF/\$4,100,000. His role was Principal-in-Charge</b>             |  |                                      |   |
| 3)   | (1) TITLE AND LOCATION (City and State)<br><b>Colonel Smith Middle School Complex, Fort Huachuca, Arizona</b>                        | (2) Year Completed                   |   |
|  |  | Professional Services<br><b>2012</b> | Construction (if applicable)<br><b>2012</b> |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>Colonel Smith Middle School Complex is one of the country's most progressive examples of collaborative and technology-based learning for Science, Technology, Engineering and Math Curriculum (STEM). It is Arizona's first Net Zero Energy School. 88,693 SF/\$17,500,000 Her role is Assistant Project Manager.</b>   |  |                                      |   |
| 4)   | (1) TITLE AND LOCATION (City and State)<br><b>Casa Grande Elementary School District Administration Center, Casa Grande, Arizona</b> | (2) Year Completed                   |   |
|  |  | Professional Services<br><b>2008</b> | Construction (if applicable)<br><b>2008</b> |
| (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm<br><b>New 19,000 SF building, 19,000. Cost \$3,400,000. Assistant Project Manager</b>   |  |                                      |   |

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

**5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

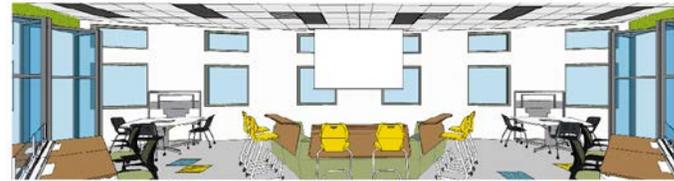
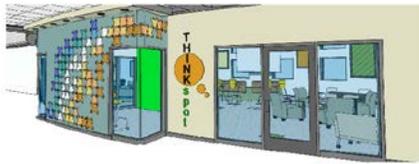
*(Present no more than five (5) projects. Complete one Section 5 for each project.)*

|   |                                      |  |
|---|--------------------------------------|--|
| a. TITLE AND LOCATION <i>(City and State)</i><br><br><b>Red Mountain Library thinkSpot, Mesa, Arizona</b> | b. YEAR COMPLETED                    |  |
|   | PROFESSIONAL SERVICES<br><b>2013</b> | CONSTRUCTION <i>(If applicable)</i><br><b>2013</b> |

**23. PROJECT OWNER'S INFORMATION**

|   |   |                          |
|---|---|--------------------------|
| c. PROJECT OWNER<br><b>City of Mesa</b> | d. DOLLAR AMOUNT OF PROJECT<br><b>\$375,000</b> | e. TOTAL COST OF PROJECT |
|---|---|--------------------------|

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



Looking for a way to keep their libraries vital and relevant is critical as City of Mesa transitions into the digital age. Emc2 was challenged to create a space for a new program offered by the Library. Currently named "Thinkspot," this renovation combines two meeting rooms into a new space that offers Library patrons the opportunity to collaborate, research, and create their own digital content. Thinkspot provides a living room/home office environment where individuals, as well as small and large groups, can gather to work on projects. Using library-provided wireless connectivity, 2d and 3d printers, video monitors and a small video production studio, patrons can share information and designs, create videos and podcasts, host lectures, attend seminars and work in an environment that promotes interaction and collaboration.

In addition to the video production studio, two small conference rooms can be split off from the main area using folding glass walls. Groups can rearrange couches, upholstered chairs, and mobile tables to accommodate different sizes and settings. Digital projectors and small video monitors also allow for small and large group presentations to easily share data among collaborating groups.

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|  |   |  |
|--|---|--|
| <b>5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b><br><i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i> |   |  |
| a. TITLE AND LOCATION <i>(City and State)</i><br><b>Centerpoint CIDSE Renovations, Tempe, Arizona</b>  |   | b. YEAR COMPLETED<br>PROFESSIONAL SERVICES<br><b>Est. Dec 2013</b> |
|  |   | CONSTRUCTION <i>(If applicable)</i>                                |
| <b>23. PROJECT OWNER'S INFORMATION</b>   |   |  |
| c. PROJECT OWNER<br><b>Arizona State University</b>  | d. DOLLAR AMOUNT OF PROJECT<br><b>\$2,000,000</b> | e. TOTAL COST OF PROJECT<br><b>80% complete; on budget</b>         |

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

The project consists of the remodel of three suites in the Centerpoint Building A in Tempe for the ASU Fulton School of Engineering and School of Computing, Informatics and Decision Systems Engineering. The two suites on the first floor consist of offices, interview rooms and open study/lab spaces for a Tutoring Center and Career Center. The suite on the second floor provides perimeter offices, open cubicle study spaces and lab spaces some of which will be used for small computer robotics and computer diagnostics.

Initially before design started on the suite remodels Emc2 performed an evaluation of the existing building to determine impacts to the mechanical and electrical systems for accommodating the increased occupant loads of the suites being remodeled, as well as compliance with current building codes, accessibility standards and ASU Design guidelines.

With the building being designed in the late 80's as an office building the proposed increase in occupants with the revised use in Suites for ASU created an issue of the existing building HVAC system not being adequate for these spaces. A further challenge was that the suites being remodeled are on the 1st and 2nd floors of the building and the cooling tower and air ventilation systems are on the roof of the 4 story building in an equipment penthouse. The design team reviewed options with the Owner and Contractor of addressing the HVAC system globally in the building so as ASU remodeled suites throughout the building the HVAC system would already be upgraded, or addressing the HVAC system on a suite-by-suite basis. The latter was determined to be the most feasible with the funds available at this time, and have the least amount of impact throughout the building which is mostly occupied.

The challenge of how to provide additional make-up and exhaust air to suites on the lower floors was solved with providing new louvers in existing window and transom openings in the suite areas. This avoided trying to route new duct chases to the roof, and using existing openings in the façade minimized the visual impact to the brick veneer and precast concrete exterior walls.

New single use restrooms are provided on the first and second floors off the main circulation corridors to provide accessible restrooms and meet additional restroom fixture requirements. Providing new restrooms was chosen over remodeling the existing restrooms due to less impact on adjacent suites that are not currently occupied by ASU. Deleting water closets to provide larger compliant accessible stalls was not an option as the plumbing fixture count was already lower than required by current codes.

This project was very successful in providing spaces in an existing building that meet the needs of ASU while employing the most economical upgrades to the existing building to accommodate the new uses. ASU had strict, tight timeframes for the projects to be completed to coordinate a chain reaction of department moves within the building being remodeled and other ASU buildings in downtown Tempe. The phased projects are being completed on time and within budget.



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REVISED - Attachment I – General Qualifications**

**5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present no more than five (5) projects. Complete one Section 5 for each project.)*

|   |   |                                     |
|---|---|-------------------------------------|
| a. TITLE AND LOCATION <i>(City and State)</i><br><b>Remodel of Intake, Booking &amp; Holding Cells at Main Police Department, Mesa, Arizona</b> | b. YEAR COMPLETED                             |                                     |
|   | PROFESSIONAL SERVICES<br><b>Est. Nov 2013</b> | CONSTRUCTION <i>(If applicable)</i> |

**23. PROJECT OWNER'S INFORMATION**

|   |   |  |
|---|---|--|
| c. PROJECT OWNER<br><b>City of Mesa</b> | d. DOLLAR AMOUNT OF PROJECT<br><b>\$350,000</b> | a. TOTAL COST OF PROJECT<br><b>70% complete, on budget</b> |
|---|---|--|

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



The current Holding Facility has changed little since being built in 1974. The Control Room, Women's Holding and Isolation Cells have increased capacity and provide better security. The Women's Holding cell is being doubled in size. To increase security and improve workflow, new counters are being designed for Processing, Intake and Fingerprinting that allow Detention Officers to maintain visual control and reduce congestion in the waiting areas. The remodel includes an analysis of the existing HVAC system to improve air quality.

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REVISED - Attachment I – General Qualifications**

| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT |                             |                              |
|--|-----------------------------|------------------------------|
| (Present no more than five (5) projects. Complete one Section 5 for each project.)         |                             |                              |
| a. TITLE AND LOCATION (City and State)   | b. YEAR COMPLETED           |                              |
|  | PROFESSIONAL SERVICES       | CONSTRUCTION (If applicable) |
| <b>New Administration Center, Queen Creek, Arizona</b>                                     | <b>2010</b>                 | <b>2010</b>                  |
| 23. PROJECT OWNER'S INFORMATION  |                             |                              |
| c. PROJECT OWNER   | d. DOLLAR AMOUNT OF PROJECT | b. TOTAL COST OF PROJECT     |
| <b>Queen Creek Unified School District #59</b>   | <b>\$4,200,500</b>          | <b>\$4,110,000</b>           |

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



The Center captures the vernacular of farming and rural Queen Creek while using a forward-thinking design that gives the district a professional face to the community. It incorporates curved metal panel surfaces (hinting of farming silos) and a clean professional looking glass entry area. Professional departments are accessed off the main curved hallway that transects the building, being both functional and giving visual interest to its users. The project includes a large board room that can be bisected for breakout training sessions as well as a separate training room for teacher development and other district functions. The rest of the building can be closed down and secured from the public while the board room and training rooms are available for evening board meetings/functions. Allowing for a future expansion, the building includes large column-free spaces that provide future flexibility. The project includes a joint parking lot shared with a district/town swimming pool and the site is designed to allow for expansion as the District grows.

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| 5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT |                             |                                     |
|--|-----------------------------|-------------------------------------|
| <i>(Present no more than five (5) projects. Complete one Section 5 for each project.)</i>  |                             |                                     |
| a. TITLE AND LOCATION <i>(City and State)</i>  | b. YEAR COMPLETED           |                                     |
|  | PROFESSIONAL SERVICES       | CONSTRUCTION <i>(If applicable)</i> |
| Colonel Smith Middle School Complex, Fort Huachuca, Arizona                                | 2010                        | 2010                                |
| 23. PROJECT OWNER'S INFORMATION  |                             |                                     |
| c. PROJECT OWNER   | d. DOLLAR AMOUNT OF PROJECT | e. TOTAL COST OF PROJECT            |
| Queen Creek Unified School District #59  | \$4,200,500                 | \$4,110,000                         |

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



**Site** - The project site consists of approximately 27 acres on the Fort Huachuca Military Post in Fort Huachuca, Arizona, at the intersection of Smith Avenue and Carter Street. Cushing Street on the east side will be abandoned and property east of Cushing will be incorporated into the new CSMS site.

**Vision** - The Owner's Vision for the new CSMS instructional program includes focus on STEM (Science, Technology, Engineering and Mathematics) driven by state-of-the-art technology appropriately differentiated in each grade level. Technology will be in the hands of all students using hand-held electronic devices with access under a cloud computing system accessible throughout the entire site. The hot spot or nerve centers for each grade level will be in the Collaboration Area and Research Commons. Instructional delivery methods put heavy emphasis on project-based, inter-disciplinary instruction that stresses real world problem-solving and experimentation in a collaborative environment.

All indoor and outdoor spaces are for learning. Entry to the school, site and all areas of the building are designed to create interest, curiosity and learning opportunities for students. Operations of the school are designed to reflect environmental awareness and learning. Exterior learning spaces are located on the east and west and include areas for the study of Environmental & Biological Science, Gardening Insights, Optical Astronomy, Pollinators, and Astronomy & Winter/Summer Solstice. In total, the new CSMS is a secure, student-centered school that champions student achievement.

The Owner's Vision for project based, inter-disciplinary instruction under a collaborative cloud computing environment calls for revision of many traditional spatial names to more accurately describe actual spatial functions which they accommodate. Some of those spaces include:

**Flexible Learning Station (Classroom)** - Home base for approximately 25 students working under direction of a teacher in small, medium and large groups in the Flexible Learning Station, Student Collaboration Area, Hot Spot or outside in exterior learning stations.

- **Student Collaboration Area (Alternative instructional delivery area)** - Alternative, project-based, collaborative environment for small, medium and large group learning adjacent with the Flexible Learning Stations, Flex Lab and Stem Lab.
- **Stem Lab** - Provides Chemistry, Physics, Biology and Earth Science instruction. Lab contains 4 sinks in fixed cabinets at walls, 4 moveable science stations accommodating 4 students each with overhead utility and suction access at each station. The Lab is equipped with fume hood, wall talker, short throw wall mounted projector with 7' by 4' fixed screen projection surface.
- **Flex Lab** - Space for project-based instruction utilizing real world problem-solving and experimentation in technology, engineering and robotics. The Lab is separated from interior space with a clear glass "NanaWall" system; clear glass allows visual observation for students passing by, projects in progress and for robotics competitions.
- **Technology Orientation & Integration Lab** - Instructional, evaluation space dedicated to new student evaluation, orientation and integration into the technology-rich educational delivery process at CSMS.
- **Student Union (Multi Purpose Room)** - The Student Union is really an "Auditeria" providing dining and assembly space appropriate with visual and acoustical requirements typical of a fine arts auditorium.
- **Research Commons (Library)**
- **Music Integration Studio (Music Room)**
- **Art Integration Studio (Art Room)**

**6. ADDITIONAL INFORMATION**

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



*Colonel Smith Middle School - Designed for Net Zero Energy, educational facility, public space, programming/master planning*



*6th Street Service Center, Mesa - design for new facility, public spaces, municipal client*



*Mesa Utilities Building – design for new facility, interior Space planning*



*Emc2 experience includes interior space planning, tenant improvements, office relocations, needs assessments, and cost estimating.*



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

|   |            |
|---|------------|
| a. Percentage of Total Work Attributable to State, Federal and Municipal Government Work: | <b>85%</b> |
| b. Percentage of Total Work Attributable to Non-Government Work:                          | <b>15%</b> |

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

Signature: 

Date: November 25, 2013

Name: Richard Clutter

Title: President