

STATE OF ARIZONA

2015 Annual Professional Services

PREPARED BY :

Emc2 GROUP ARCHITECTS PLANNERS, PC

1635 North Greenfield Road, Suite 144
Mesa, AZ 85205

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www.emc2architects.com

Due: 12/23/2014, 3:00 PM





ATTACHMENT I – General Qualifications

ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSP015-00004729

STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th 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:	EMC2 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:	Arizona
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):	



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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	5	
Project Manager	S	5	
Project Manager	P	1	
CADD Technician	P	5	
CADD Technician	S	1	
Other		4	
Total		21	



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

a. Approximate No. of Projects	b. Experience	c. Revenue Index Number <i>(see below)</i>
43	Community Facilities; Religious	6
21	Educational Facilities; Classrooms	6
1	Libraries; Museums; Galleries	1
2	Office Building; Industrial Parks	2
4	Hospital and Medical Facilities	4
1	Prisons; Correctional Facilities	1

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

a. NAME Richard Clutter, AIA	b. ROLE IN THIS CONTRACT Principal	c. YEARS EXPERIENCE	
		1. TOTAL 31	2. WITH CURRENT FIRM 29
d. LOCATION (City and State) Emc2 Group Architects Planners, PC, Mesa, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION)		f. PROFESSIONAL TRAINING - REGISTRATIONS	
<ul style="list-style-type: none"> Masters of Architecture, 1985, Texas A & M University Bachelor of Environmental Design, 1983, Texas A & M University 		<ul style="list-style-type: none"> Arizona #24640 Recognized Educational Facility Planner (REFP) by Council of Educational Facility Planners International LEED Accredited Professional 	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

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 President of Emc2.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) New Sunset Heights Elementary School, Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The Peoria Unified School District constructed a new \$16,500 K-8 school at Camino A Lago located on an undeveloped lot at the 21300 block of N 98th Avenue. Square footage of the school is 106,000. The site is bordered by residential housing to the east and west, Camino A Lago Park and Sunrise Mountain Branch Library to the south, and undeveloped land zoned for single family residential to the north. He was Principal-In-Charge.		
2.	(1) TITLE AND LOCATION (City and State) City of Mesa Renovation of Intake, Booking and Holding Cells at Main Police Department, Mesa, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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 allows Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. Size: 2,200 sf. He is Principal-In-Charge.		
3.	(1) TITLE AND LOCATION (City and State) Colonel Smith Middle School Complex, Fort Huachuca, Arizona	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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. Cost: \$17,500,000. Size: 88,693 sf. His role was Principal-In-Charge.		
4.	(1) TITLE AND LOCATION (City and State) New Administration Center, Queen Creek, AZ	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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. Cost: \$4,100,000. Size: 35,000 sf. His role was Principal-In-Charge		



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

a. NAME	b. ROLE IN THIS CONTRACT	c. YEARS EXPERIENCE	
Todd Keuning, RA	Project Manager	1. TOTAL 19	2. WITH CURRENT FIRM 12
d. LOCATION (City and State) Emc2 Group Architects Planners, PC, Mesa, AZ			
e. EDUCATION (DEGREE AND SPECIALIZATION)		f. PROFESSIONAL TRAINING - REGISTRATIONS	
<ul style="list-style-type: none"> Bachelor of Science in Architectural Studies, 1994, University of Nebraska 		<ul style="list-style-type: none"> Arizona #50020 	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)

Todd has more than 19 years of experience in design and construction of education, office buildings and financial institution projects. He manages day-to-day details of each 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. Additionally, he manages the permitting documentation, as well as the bidding and construction administration services.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) New Sunset Heights Elementary School, Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	The Peoria Unified School District constructed a new \$16,500 K-8 school at Camino a Lago located on an undeveloped lot at the 21300 block of N 98th Avenue. Square footage of the school is 106,000. The site is bordered by residential housing to the east and west, Camino A Lago Park and Sunrise Mountain Branch Library to the southe, and undeveloped land zoned for single family residential to the north. He was Project Manager.		
2.	(1) TITLE AND LOCATION (City and State) City of Mesa Renovation of Intake, Booking and Holding Cells at Main Police Department, Mesa, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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 allows Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. Size: 2,200 sf. He is Project Manager.		
3.	(1) TITLE AND LOCATION (City and State) Colonel Smith Middle School Complex, Fort Huachuca, Arizona	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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. Cost: \$17,500,000. Size: 88,693 sf. His role was Project Manager.		
4.	(1) TITLE AND LOCATION (City and State) New K-8 Prototype School, Peoria, Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	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 the multi-discipline team.		



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

a. NAME Dominic Monaccio, RA	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 21	2. WITH CURRENT FIRM 13

d. LOCATION (City and State)
Emc2 Group Architects Planners, PC, Mesa, AZ

e. EDUCATION (DEGREE AND SPECIALIZATION)	f. PROFESSIONAL TRAINING - REGISTRATIONS
<ul style="list-style-type: none"> Bachelor of Architecture, University of Arizona General Studies, Arizona State University 	<ul style="list-style-type: none"> Arizona #45064

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Dominic has more than 20 years of experience in design and construction of education, office buildings and industrial projects. As Project Manager, he will handle day-to-day details of each 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.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Rillito School Addition, Tucson, AZ	2011	2011
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project scope included refurbishing/renovating 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. His role was Assistant Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	City of Mesa Renovation of Intake, Booking and Holding Cells at Main Police Department, Mesa, AZ	2013	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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 allows Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. Size: 2,200 sf. His role is Assistant Project Manager .	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	Colonel Smith Middle School Complex, Fort Huachuca, Arizona	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Cost: \$17,500,000. Size: 88,693 sf. His role was Assistant Project Manager .	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	New Administration Center, Queen Creek, AZ	2010	2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Cost: \$4,100,000. Size: 35,000 sf. His role was Assistant Project Manager.	<input checked="" type="checkbox"/> Check if project performed with current firm	



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

a. NAME Anthony Plummer	b. ROLE IN THIS CONTRACT Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 21	2. WITH CURRENT FIRM 2

d. LOCATION (City and State)
Emc2 Group Architects Planners, PC, Mesa, AZ

e. EDUCATION (DEGREE AND SPECIALIZATION)	f. PROFESSIONAL TRAINING - REGISTRATIONS
<ul style="list-style-type: none"> • Architectural Studies, Phoenix College • Architectural Certification, Metro Tech Vocational 	

g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Anthony brings over 20 years of professional and technical experience 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 problem resolution skills to consult, coordinate and manage multiple projects to meet deadlines on time and in budget.

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Buesing Corporation Addition, Phoenix, Arizona	2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New building 10,000 sf addition. Cost: \$200,000. Size: 17,100 sf. His role was Project Manager	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	City of Mesa Renovation of Intake, Booking and Holding Cells at Main Police Department, Mesa, AZ	2013	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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 allows Detention Officers to maintain visual control and reduce congestion in the waiting areas. Cost: \$350,000. Size: 2,200 sf. His role is Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Pathfinder Academy, Mesa, Arizona	2014	2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE New K-8 School. Cost: \$4,000,000. Size: 28,718 sf. His role is Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	ASU Polytechnic Middle School Renovation. Mesa, AZ	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Middle School campus renovation. Cost: \$345,822. Size: 20,990 sf. His role was Assistant Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

a. NAME Tonya Peters	b. ROLE IN THIS CONTRACT Interior Architecture	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 5

d. LOCATION (City and State)
Emc2 Group Architects Planners, PC, Mesa, AZ

e. EDUCATION (DEGREE AND SPECIALIZATION) • Bachelor of Science in Interior Design, Kansas State University	f. PROFESSIONAL TRAINING - REGISTRATIONS • FIDER Accredited • REVIT Architecture Certified Professional
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g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)
Tonya has been in the Interior Architecture field for more than a decade with project expertise in projects from 1,000 to 300,000+ square feet. She assists the Project Manager with interior and exterior design development, as well as interior color selections and detail. She works with suppliers to ensure quality and on-time delivery of finishes.

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION (City and State) New Sunset Heights Elementary School, Peoria, AZ	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE The Peoria Unified School District constructed a new \$16,500 K-8 school at Camino a Lago located on an undeveloped lot at the 21300 block of N 98th Avenue. Square footage of the school is 106,000. The site is bordered by residential housing to the east and west, Camino A Lago Park and Sunrise Mountain Branch Library to the southe, and undeveloped land zoned for single family residential to the north. Her role was Assistant Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION (City and State) Red Mountain Library thinkSpot, Mesa, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Cost: \$375,000. Size: 2,238 sf. Her role was Assistant Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION (City and State) Colonel Smith Middle School Complex, Fort Huachuca, Arizona	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Cost: \$17,500,000. Size: 88,693 sf. Her role was Assistant Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION (City and State) New Administration Center, Queen Creek, AZ	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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. Cost: \$4,100,000. Size: 35,000 sf. Her role was Assistant Project Manager.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

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

a. TITLE AND LOCATION (City and State) Red Mountain Library thinkSpot, Mesa, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Mesa	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$375,000	e. TOTAL COST OF PROJECT \$375,000
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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 2,238 sf 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. Schedule: 11/29/2012 – 12/31/2013.





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

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

a. TITLE AND LOCATION <i>(City and State)</i> Centerpoint CIDSE Renovations, Tempe, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona State University	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,000,000	e. TOTAL COST OF PROJECT \$2,000,000
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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. Schedule: 4/2013 – 12/2013.



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

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

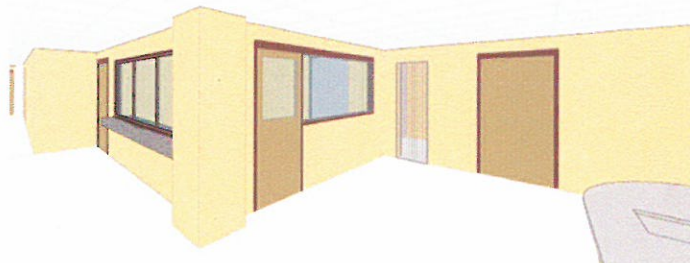
a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
Renovation of Intake, Booking & Holding Cells at City of Mesa Police Department, Mesa, AZ	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> Estimated 2015

23. PROJECT OWNER'S INFORMATION

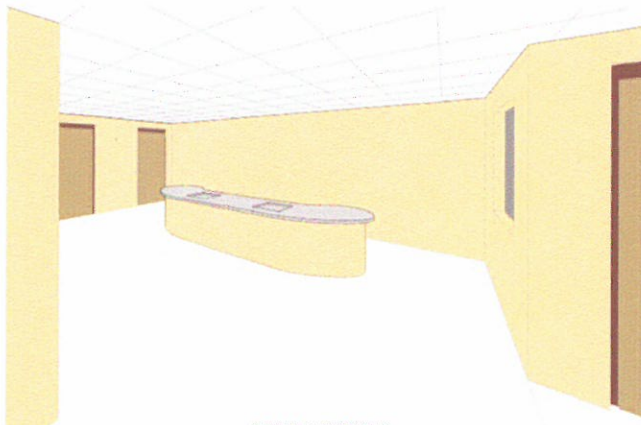
c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
City of Mesa	\$350,000	\$90 % Complete, on budget

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

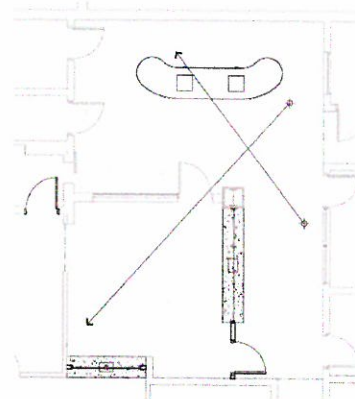
The current Holding Facility had changed little since being built in 1974. The Control Room, Women's Holding and Isolation Cells have increased capacity and provide better security. The Women's Holding cell was doubled in size. To increase security and improve workflow, new counters were designed for 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. Schedule: August 2013 – January 2015.



CONTROL ROOM



INTAKE & BOOKING



HOLDING FACILITY
CITY OF MESA

Emc2
ARCHITECTS • PLANNERS, P.C.



ATTACHMENT I – General Qualifications

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

**STATE PROCUREMENT OFFICE
Department of Administration
100 North 15th 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.)

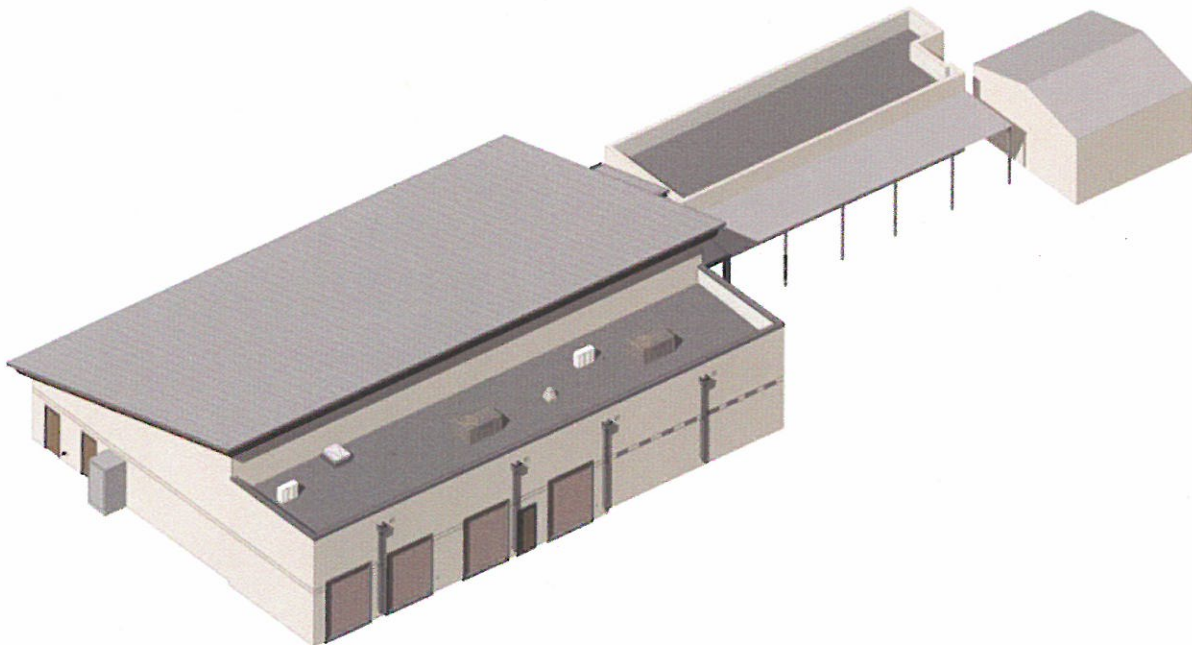
a. TITLE AND LOCATION <i>(City and State)</i> Renovation Firearms Range for City of Mesa Police Department, Mesa, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> Estimated July 2015

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER City of Mesa	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$1,418,000	e. TOTAL COST OF PROJECT \$60 % Complete, on budget
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

This project entails designing and building a new building at the existing firearms range for the Mesa Police Department. The new 5,000 stand-alone building replaces the existing observation tower and miscellaneous storage building at the site. It will contain offices for the Range Sargent and additional staff, an Armory with seven work stations, secure Gun and Ammo storage, paper target storage and vehicle garages. The building is constructed of concrete masonry unit walls with an exterior insulation finish system and sloped standing seam metal roof; designed to complement a recent adjacent classroom building addition. Interior finishes consist of polished concrete floors at main circulation areas and restrooms and painted CMU walls for a durable and maintainable facility. A compressed air system will supply compressed air hand tools at work stations and also supply air to a target system at the adjacent exterior shooting range. Schedule: March 2014 – June 2015.





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

a. TITLE AND LOCATION <i>(City and State)</i> Administration Center Tenant Improvements, AFUHSD, Avondale, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2010

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Agua Fria Union High School District	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$219,165	e. TOTAL COST OF PROJECT \$225,605 after Owner added scope
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Agua Fria Union High School District's (AFUHSD) new Ronald R. Wood Administrative & Learning Center is an excellent example of urban renewal, adaptive-reuse and prudent stewardship of public funds. In 2009 AFUHSD leaders recognized that an existing two-story office building had an attractive appearance as well as functional space for the District's administrative functions. The location also suited the District's long-term presence in Avondale. Purchasing the existing building cost the District substantially less than constructing a new building. The entire tenant improvement project was completed for approximately \$225,000, well below the cost of land for a new building. The initial improvement accommodates 85 staff members in approximately 18,000 SF of the 35,000 SF building. The office building shares space with existing tenants occupying approximately 4,500 SF, demonstrating unique and collaborative efforts as the District cooperates with local small businesses, and represents an additional revenue source. The space includes a board room, conference room for executive sessions, resource room/training center. The board room used elegant but economical finished to provide a formal and inviting setting for interaction with the community. Schedule: January 2010-October 2010.





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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:	85%
b. Percentage of Total Work Attributable to Non-Government Work:	15%

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

Signature: _____

Date: December 23, 2014

Name: Richard Clutter

Title: President



Richard Clutter, AIA Principal in Charge

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. Richard has extensive experience as a Project Manager in CM at Risk, conventional Design-Bid-Build, and design-build construction

Education:

Masters of Architecture, 1985, Texas A&M University (College Station, Texas)

Bachelor of Environmental Design, 1983, Texas A&M University (College Station, Texas)

Experience:

31 years in Architecture
29 years with firm

Registration:

Arizona #24640

Recognized Educational Facility Planner (REFP) by Council of Educational Facility Planners International (CEFPI)

LEED Accredited Professional

Presentations:

“The New Colonel Smith Middle School Complex, Arizona’s First Net Zero School,” Alliance for Construction Excellence Renewable Energy Task Force, August 8, 2012, Tempe, AZ

“Arizona’s First Net Zero School: The Fort Huachuca Project,” CEFPI Symposium, February 2012, Scottsdale, AZ

“Safe Schools: Facilities & Common Sense,” co-presenter with George Kacan (Fanning Howey Associates), AASBO Summer Conference, July 2008, Tucson, AZ.

“Public-Private Collaboration: How a Town, School District, Architect & Construction Company can work together to benefit the children of a community,” co-presenter with Dr. Jay St. John and Kurt Wadlington,

Educational Projects (partial list)

Walden Grove High School, Sahuarita – new school, 115,265 SF, completed July 2011

Sahuarita High School, Sahuarita - addition, 23,048 SF, completed August 2005

Anza Trail, Sahuarita - new school, 112,002 SF, completed January 2007

Rillito K-12 School, Tucson – addition, 20,000 SF, completed August 2011

Vesey Elementary Additions, Tucson - 6,769 SF, completed December 2009

La Cima Middle School Additions, Tucson – 76,065, completed December 2009

Prince Elementary School Additions, Tucson - 25,868 SF, completed August 2009

Benson Bond Projects Phase 1, Benson, renovations, completed 2011

Canyon Del Oro High School CTE, Tucson – renovation, completed 2011

New Sunset Heights K-8 School, Peoria, 106,000 SF, estimated completion July 2014

Colonel Smith STEM Middle School, Fort Huachuca, 99,164 new school, completed June 2012

Scottsdale Bond Projects – Tavan and Mountainside Groups, Scottsdale – renovations, completed 2012

Benson Bond Projects Phase 2, Benson, renovations, completed October 2012

Royal Palm Middle School, Phoenix – renovation, 67,500 SF, completed December 2009

Higley Transportation Center, Gilbert – new, 10,700 SF, completed April 2009

Phoenix Metro Tech Additions, Phoenix – 10,000 SF, completed December 2008

Peoria Bond Projects, Peoria – renovations and additions - completed October 2008

Painted Sky Elementary, Amphitheater – new school, 66,175 SF, completed December 2007

Queen Creek Elementary School Renovations, Queen Creek – 17,000SF, completed June 2007

Gallego Elementary, Tucson - new school, 54,000 SF, completed August 2007



Dave Gornik QA/QC

Dave Gornik brings over 40 years of experience in the construction industry. Having been in this business for many years he has experienced firsthand almost every condition or issue that can come up during the design or construction process. Having been on the contractor's side of the projects he has learned that to make projects successful it takes the owner, the architect, the contractor working together as a well-oiled machine. The benefit of this is having a very enjoyable project experience and producing a project that is constructed with the very highest level of quality and integrity.

Education:

Utah State University (Electrical Engineering)
College of Southern Idaho (Vo-Tech in MP&E)

Experience:

42 years in Construction
2 years with firm

Educational Projects (partial list)

Laveen ESD Bond Improvements at 4 schools, estimated completion 2015

New Sunset Heights K-8 School, Peoria, 106,000 SF, estimated completion July 2014

Arizona State University Centerpoint CIDSE Renovations, 12,265SF, estimated completion 2014

Heatherbrae Elementary Remodel & Addition – 38,000 SF, estimated completion August 2014

Washington ESD Renovations, estimated completion 2014

Central Arizona College Additions and Renovations, Architecton Architects Joe Salvatore, Owner Chris Wodka, Value 30 million. CMAR. Project Director - 2010

Registration:

DBIA Certified (Design Build Institute of America)

LEED Accredited Professional (USGreen Building Association)

2004 Leadership Development Forum Graduate (LDF)

EVIT New East Valley Polytechnics Campus, Gilland Brubaker Architects, Don Brubaker, Owner John Miller, Value 18 million. Project Director - 2010

Florence USD, New Poston Butte HS, Durant Architects, Curt Ench, Owner Dana Hawman, Value 55 million. CMAR, Project Director - 2009

Casa Grande Union High School District, Vista Grande HS, Architects NTD Architecture, Scott Beck, Owner Nancy Pifer / Dennis Deardon, Value 60 million. CMAR. Project Director - 2009

Peoria USD, Peoria High School Master Plan Rebuild and Renovations, Architects Gilland Brubaker, Joe Gilland, Owner Ed Gillam, Value 30 million CMAR . Project Director - 2009



Todd Kuenning Project Manager

Todd has more than 19 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. He is a Vice President with the firm.

Education:

Architectural Studies, University of Nebraska

Experience:

19 years in Architecture
13 years with firm

Registration:

Arizona #50020

Educational Projects (partial list)

New Sunset Heights K-8 School - Peoria Unified School District, 106,000 SF, construction completion July 2014

Cartwright ESD Heatherbrae Elementary Remodel & Addition, Phoenix – 38,000 SF, estimated completion August 2014

Tolleson Elementary School District Science Classroom Renovations at three campuses, completed August 2013

Glenn F. Burton Classroom & Administration Addition, 10,513 SF, completed July 2013

P.H. Gonzalez Renovations, Tolleson ESD – 2,800 SF, completed September 2012

Agua Fria HSD District Office Tenant Improvement (Ronald R. Wood) --- 18,000 SF, completed October 2010

Agua Fria HSD District Office Annex Tenant Improvement, Goodyear – 3,600 SF, completed October 2010

Payson High School CTE Agricultural Building, Payson Unified School District, Payson – addition, 14,500 SF, completed January 2011

Peoria USD Facility & Site Assessment, Glendale – completed July 2011

Deer Valley High School CTE Hospitality and Nursing (West-MEC funded), Glendale – renovation/addition, 8,100 SF, completed August 2009

Deer Valley High School Modernization Projects, Glendale – renovation/addition, 306,000 SF, completed August 2011

Glendale ESD Don Mensendick Elementary School Classroom Addition – 15,000 SF, completed June 2008

Glendale ESD Master Plan for two prototype elementary schools, Glendale – Mensendick Addition was first/only part of Master Plan implemented, completed October 2006

Glendale ESD Discovery Elementary School Classroom Addition (Design only), Glendale – 8,800 SF, design completed March 2008

Agua Fria School District Bond Projects at 3 HS campuses, Goodyear – completed December 2008

Early Childhood Learning Center – Agua Fria Union High School District, Avondale. Joint project between District and YMCA on Agua Fria High School campus., September 2008

New Directions Program Off-Site Tenant Improvement - Agua Fria Union High School District, Avondale. Remodel 30+ year old office building for school program, 5,673 SF, completed January 2009

Festival Foothills Elementary School, Wickenburg USD, Buckeye – new school, 76,049 SF, completed October 2007

Sunset Vista K-8 Elementary School, Glendale ESD, Glendale - new school, 92,412 SF, completed July 2005

2003 & 2005 Bond Projects, Agua Fria Union High School District, Goodyear – \$23.7 Million in additions and renovations

Desert Spirit K-8 School – Glendale Elementary School District, Glendale – renovations/additions, completed August 2004

Administration Addition prototype (5,000 SF stand alone building) at the American Elementary, Horizon Elementary and Burton Elementary campuses – Glendale Elementary School District, Glendale, completed January 2006

District wide remodel for AZSFB deficiency corrections program for Isaac School District, Phoenix, completed December 2003

Canon Elementary School, Black Canyon City – renovation/addition, 18,857 SF, completed August 2002

Camp Verde Elementary School, Camp Verde – new school, 72,000 SF, completed December 2000



Dominic Monacchio

Asst. Project Manager

Dominic has more than 22 years of experience in design and construction of education, office buildings and industrial projects. As Project Manager, handles the day-to-day details of projects 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 leads project design and documentation activities. He manages permitting documentation, as well as the bidding and construction administration phases. He is a Vice President with the firm.

Education:

Architectural Studies, University of Arizona

Architectural Studies, Arizona State University

Experience:

21 years in Architecture

13 years with firm

Registration:

Arizona #45064

Educational Projects (partial list)

Walden Grove High School, Sahuarita – 110,000 SF, completed August 2011

Anza Trail K-8 School, Sahuarita - new school, 112,002 SF, completed April 2004

Sequoia Pathfinder Academy, K-8 School, 32,000 SF, estimated completion August 2014

Tolleson Union HSD Adjacent ways and restroom upgrades, completed August 2013

Intel Chandler Fitness Center Renovation, 8,100 SF, permitted Aug 2013

Peoria New Sunset Heights K-8 School, 106,000 SF, estimated completion July 2014

Benson Bond Projects, Benson – 20,000 SF, completed August 2012

Scottsdale USD Bond Projects, renovations at several campuses, completed August 2012

Rillito Center, Tucson – 32,500 SF, completed December 2011

Renovations at Kellond and Fruchthendler, Tucson Energy and ADA upgrades, completed November 2011

La Cima MS addition, Tucson – 32,000 SF, completed December 2009

Prince Elementary School addition, Tucson – 26,000 SF, completed August 2009

Vesey Elementary Additions, Tucson - 6,769 SF, completed December 2009

Gallego Elementary, Tucson - new school, 54,000 SF, completed August 2007

Cottonwood & Cholla Multi-Purpose Buildings, Casa Grande – 3,653 SF, completed December 2008

Deer Valley USD Multi-Purpose Buildings at seven elementary school campuses, Glendale – additions, 9,322 SF per school, completed June 2008

Billy Lane Lauffer Middle School, Tucson – 67,669 SF, completed August 2005

Mary Meredith K-12, Tucson – new school, 15,000 SF, completed October 2008

Florence K-8 addition, Florence – 40,000 SF, completed May 2005

NCA Headquarters, Tempe – new building, 10,002 SF, completed January 2004

Southwest Junior High School, San Luis – new school, 80,015 SF, completed February 2004



Anthony Plummer

Assistant Project Manager

Anthony 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. His education comes from Metro Tech and Phoenix College. Anthony's diverse background includes project design, site assessment and planning, construction bidding activities, document preparation, construction management and site inspections.

Education:

Architectural Studies, Phoenix College

Architecture Certification, Metro Tech Vocational

Experience:

22 years in Architecture

6 years in Construction

2 years with firm

Project Experience (partial list)

Project experience with Emc2 includes:

New Pathfinder Academy (K-8) – 28,718 SF, estimated completion Fall 2014

Buesing Corporation Addition - 10,000 SF, construction completion Fall 2013

City of Mesa Holding Facility Remodel - 1,500 SF, completion Spring 2013

Project experience while with other firms includes:

Compadre Academy Remodel and Addition - 58,000 SF construction completion 2014

Tempe Union High School District

Chevron Energy Solutions District wide building upgrades Living laboratories developed at each campus:

Eight classrooms at Tempe H.S. new lighting retrofit, tied to telemetry system allowing students to access data and conduct research

An Energy storage (battery) installed at Mountain Point H.S., to assist with energy management to allow students to monitor energy offsets and calculate energy usage

A natural gas fuel cell at Corona Del Sol H.S. for fuel cell research

A gas heat pump at Marcos De Niza H.S. allowing students to access heating, ventilation and air conditioning data

A solar-thermal system at McClintock H.S. providing students with comparative data on traditional versus cutting edge water heating methods

A solar-electric car charging station at Compadre Academy H.S. giving students a real world view of technology related to the utility grid



Tonya Peters Interior Architecture

Tonya has been in the Interior Architecture field for 20 years, and has been involved in projects from 1,000 to 300,000+ SF. Her responsibilities include involvement in all phases of the project from initial client contact through construction completion. She has experience with the detailing and implementation of construction documents for city submittals. As part of construction administration, she interacts with the contractors and inspectors to ensure job completion

Education:

Bachelor of Science in Interior Design, 1994, Kansas State University (Manhattan, Kansas)

Experience:

20 years in Architecture
7 years with firm

Certification:

Revit Architecture 2012 Certified Professional
Revit Architecture 2012 Certified Associate
FIDER Accredited

Educational Projects (partial list)

Heatherbrae Elementary Remodel (Construction Documents, Interior & Exterior Finish selections)

Peoria Sunset Heights (Interior & Exterior Finish selections, assisted with Construction Administration)

Wilson Elementary School Library & Multi-Purpose Building Addition, Phoenix – completed April 2009 (Construction Documents, Interior & Exterior Finish selections)

Red Mountain Library Thinkspot Collaboration Renovation, completed December 2013, \$375,000

Dobson Ranch Library Master Planning & Improvements, estimated completion 2014, \$50,000

Scott Libby Elementary School Renovations Phase3– 13,320 SF, ongoing (Design Development, Construction Documents), completed August 2010

Benson Bond Projects, Benson – 20,000 SF, to be completed August 2012 (Interior Finish Selections)

The Studio at Orangewood School – The Green Schoolhouse Series, Phoenix, 6,000 SF, completed December 2012 (Interior Finish Selections)

Colonel Smith Middle School, Ft. Huachuca – new school, 105,461 SF, completed June 2012

Scottsdale Unified School District Bond Projects, Scottsdale – additions/renovations, completed Summer 2012

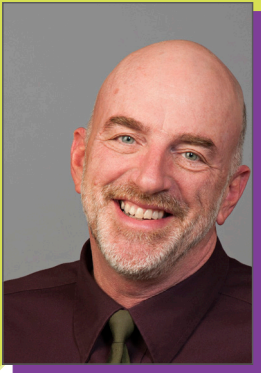
Deer Valley High School, Glendale. Interior & Exterior Finish selections – 306,000 SF, completed December 2011

Queen Creek District Administration Center, Queen Creek – new building, 35,000 SF, completed August 2010 (Design Development & Finish Selections)

Casa Grande Administration Facility, Casa Grande - new building, 19,000 SF, October 2008 (Finish selections, Construction Documents & Site)

Raul Castro Middle School, Phoenix - new school, 92,600 SF, completed December 2008 (Construction Documents & Finish Selections)

Julia Randall K-5 School, Payson – replacement school, 71,177 SF, completed July 2009 (Construction Documents, Int. & Ext. Finish selections, Construction Admin)



John Ancona

Construction Administration

John has over 30 years of architectural and construction experience with a history of project development, construction negotiations, and contract administration, preparation of plans and specifications, estimating, construction quality control, building codes, in both private and public work sectors. Projects include school districts, medical facilities, casinos, retail, restaurants, residential, and amusement centers. His responsibilities include project feasibility, pre-development planning, construction management and project administration. John is knowledgeable in all aspects of building design, entitlements, job costing, construction methodologies and project implementation.

John's school facility experience includes eight years of serving as a project manager for the Washington Elementary School District in Phoenix, Arizona. He was responsible for overseeing hundreds of capital and bond improvement projects ranging from simple repairs to building new facilities.

Education:

Bachelor of Architecture, University of Oregon
Construction Technology, Glendale Community College

Registration

General Contractor License, Arizona

Experience:

30 years in Architecture & Construction
1 year with firm

Educational Projects (partial list)

Pathfinder Academy – 28,718 SF, estimated completion
Fall 2014

New Sunset Heights K-8 School, Peoria, 106,000 SF,
estimated completion July 2014

**Cartwright ESD Heatherbrae Elementary Remodel &
Addition, Phoenix** – 38,000 SF, estimated completion
August 2014

Vista Grande High School, Casa Grande*

Casa Grande High School Renovations*

Casa Grande High School District Office*

Casa Grande High School Transportation Center*

Blue Ridge Middle School and High School*

Higley Unified School District Office*

Williams Field High School, Higley*

Country Meadow Elementary School, Peoria*

Liberty High School, Peoria*

Chandler Independence School Chandler*

*Experience prior to Emc2