



ATTACHMENT I – General Qualifications
**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE NO:
ADSPO15-00004729**

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:	M3 Engineering & Technology Corporation
b. FIRM (OR BRANCH OFFICE) STREET:	2051 W Sunset Road, Suite 101
c. FIRM (OR BRANCH OFFICE) CITY:	Tucson
d. FIRM (OR BRANCH OFFICE) STATE:	AZ
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85704
f. YEAR ESTABLISHED:	1986
(g1). OWNERSHIP - TYPE:	Corporation
(g2). OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Ruben Sibayan, Assistant Vice President
i. POINT OF CONTACT TELEPHONE NUMBER:	520-293-1488 ext. 8603
j. POINT OF CONTACT E-MAIL ADDRESS:	rsibayan@m3eng.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	21	3
CADD Technicians	P	101	32
Civil Engineer	P	13	3
Construction Inspector	P	12	1
Construction Manager	P	4	2
Cost Engineer/Estimator	P	5	1
Electrical Engineer	P	35	13
Environmental Engineer	P	1	
Mechanical Engineer	P	37	18
Mining Engineer	P	3	
Structural Engineer	P	23	8
Geologist	S	2	
Other	P	141	10
Total		398	91



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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)
2	Bridges	1
24	Construction Management	9
1	Commercial Building (low rise)	4
1	Communications systems; TV; Microwave	1
2	Community Facilities	4
3	Cost Estimating; Cost Engineering and Analysis	4
2	Educational Facilities; Classrooms	1
13	Electrical Studies and Design	2
1	Environmental Impact Studies, Assessment	1
1	Garages; Vehicles Maintenance Facilities; Parking	1
1	Highways; Streets; Airfield Paving; Parking Lots	1
12	Housing (residential)	1
18	Industrial Buildings; Manufacturing Plants	3
31	Mining and Mineralogy	10
3	Museums	3
16	Infrastructure	6

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 Jose Teran	b. ROLE IN THIS CONTRACT Principal In Charge	c. YEARS EXPERIENCE	
		1. TOTAL 26	2. WITH CURRENT FIRM 20
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Licensed Architect – Arizona, Hawaii, South Carolina, New Mexico, Colorado, California, Florida, Nevada, Texas, Washington, Illinois	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Institute of Architects – Member National Council of Architectural Registration Boards – Member			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Large Binocular Telescope (LBT) Improvements MGIO - Mt. Graham - Tucson, Arizona	2006	2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Modifications to existing telescope facility including remodeling of dormitory rooms, observation level floor structural reinforcement and a 2,300 sq. ft. instrumentation laboratory. • <i>Varied sf</i> • \$2,300,000 • <i>Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Atacama Large Millimeter Array (ALMA) Radio Telescope – San Pedro de Atacama, Chile	2011	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided a master plan for the ALMA infrastructure indicating the location of all ALMA facilities, access roads and utility interconnection as well as non-ALMA installations and land use boundaries. M3 developed architectural specifications for the buildings at the high altitude (5000m) array operating site (AOS). This included a review of the project requirements, an analysis of space usage and cost estimating and scheduling. • \$800,000,000 • <i>Project Manager and Lead Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Herring Hall Historic Renovation – Tucson Arizona	2004	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE The Herring Hall Historic Renovation project was accomplished under the University of Arizona's Open End Contract and M3 provided comprehensive Architectural and Engineering design services for the project on the UofA's campus. The project involved a complete teardown of the interior floor and under-pinning of the existing foundations to create a new basement floor. The project successfully created additional building square footage with the addition of the new basement floor, thus meeting the needs of the colleges' special program. <i>10,000 sf</i> • \$1,300,000 • <i>Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	University of Arizona Hazardous Waste Facility – Tucson Arizona	2008	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided Architectural and Engineering services to design a first class process building that focused on life safety and the risks associated with hazardous waste processing. This facility was designed to handle the receiving, processing and shipping of the University's hazardous waste material. • <i>5,600 sf</i> • \$1,900,000 • <i>Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	TAA Maintenance Facility & Warehouse – Tucson Arizona	2006	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided Architectural and Engineering services for the new airport maintenance facility which includes vehicle maintenance, maintenance shops, grounds maintenance and expanded warehousing. • <i>43,000 sf</i> • \$7,100,000 • <i>Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Ruben Sibayan	b. ROLE IN THIS CONTRACT Architect – Project Manager	c. YEARS EXPERIENCE	
		1. TOTAL 35	2. WITH CURRENT FIRM 22
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture		f. PROFESSIONAL TRAINING - REGISTRATIONS Architect – Arizona, Hawaii	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Institute of Architects Accredited Professional, Leadership in Energy and Environmental Design (LEED)			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Precision Toyota of Tucson – Tucson Arizona	2013	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Design services for the auto-dealership campus facility which emulates the new Corporate Toyota Image USA II program being constructed across the United States. This facility includes a new state-of-the-art vehicle maintenance facility, new car sales and display and car washing facilities. ▪ 128,000 sf. ▪ \$18,000,000 estimated ▪ Project Manager and Project Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Catalina Community Center Complex – Tucson Arizona	2008	2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided architectural, civil, structural, and mechanical and electrical engineering services from schematic design through construction for this project. This one-story building provides space for public services including a food bank, health clinic, offices for CCS staff and other public services agencies. ▪ 2,985 sf. ▪ \$1,045,500 ▪ Project Manager and Project Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	VERITAS Control Building, F.L. Whipple Observatory – Mt. Hopkins, Arizona	2009	2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided Architectural and Engineering services and construction administration services, under M3's Open-End Contract with the Smithsonian. This was for the Very Energetic Radiation Imaging Telescope Array System (VERITAS) Control Building. The Control Building provides a central control facility for the four telescopes for the VERITAS project. This facility was designed within the framework of the LEED Silver Certification Criteria. ▪ 5,600 sf. ▪ \$1,010,000 ▪ Project Manager and Project Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	Riverside Crossing Corporate Center – Tucson Arizona	2007	2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 designed and constructed its own two-story corporate office building to have multiple environmental, economic, and health benefits. The building achieved a LEED silver rating for interiors. ▪ 88,000 sf. ▪ \$14,000,000 ▪ Project Architect	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	Hangar for Aviation Maintenance Degree Program – Chandler-Gilbert Community College – Mesa, Arizona	2006	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided full service Architecture and Engineering design services for this aviation maintenance education program at Williams Gateway Airport. In addition to the hangar area, the facility provides tool room space and 4,000 square feet for offices, aviation labs including general classrooms, teaching labs, maintenance labs and libraries. ▪ 11,400 sf ▪ \$2,633,000 ▪ Project Manager and Lead Architect.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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a. NAME Robert Adams	b. ROLE IN THIS CONTRACT Architect	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 3
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Chandler, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Architecture Bachelor of Arts		f. PROFESSIONAL TRAINING - REGISTRATIONS Registered Architect – Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Institute of Architects - Member U.S. Green Building Council - Member			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Creighton Schools Entry - Phoenix Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided mechanical and plumbing engineering services from schematic design through construction on this project. This project consisted of nine separate projects at various school buildings to provide secured entry portals at the main entrances to these facilities. • 240 to 920 gsf • \$340,500 • <i>Project Engineer and Construction Observation</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Laveen Unified School District Support Services Building – Laveen Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided mechanical and plumbing engineering services from schematic design through construction on this project. This one-story building provides space for facilities repair and maintenance, warehouse and offices for Facilities staff. • 12,550 gsf • \$1,240,000 • <i>Project Manager and Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> M3 Chandler Office Expansion – Chandler Arizona	(2) YEAR COMPLETED	
		Professional Services 2011	Construction (if applicable) 2012
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided architectural design services from schematic design through construction for this project. This one-story existing office/warehouse shell building provides space for corporate offices conference rooms and training center. • 14,500 gsf • <i>Budget withheld</i> • <i>Project Manager and Project Architect</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> Bryman Institute, Dental School – Phoenix, Arizona	(2) YEAR COMPLETED	
		Professional Services 2004	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Robert Adams provided Architectural Design, construction documents, permitting, contract management and construction observation services from schematic design through construction closeout for this project. This project consisted of a 35,000 sf remodel of an existing warehouse building into higher education dental classrooms, faculty offices and corporate offices. • 92,000 sf • \$1,820,000 • <i>Principal in charge, Project Architect and Lead Designer</i>	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> Insight Computers – Tempe Arizona	(2) YEAR COMPLETED	
		Professional Services 2002-2004	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Robert Adams provided Architectural Design, construction documents, permitting, contract management and construction observation services from schematic design through construction closeout for the project. The projects consisted of three (3) separate projects totaling 27,300 sf remodel of an existing office building and warehouse into a corporate office remodel, warehouse modifications, employee cafeteria and shipping and call center seating layout. • 27,300 gsf • \$1,037,400 • <i>Principal in charge, Project Architect and Lead Designer</i>	<input type="checkbox"/>	Check if project performed with current firm



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a. NAME Rebecca Martinez	b. ROLE IN THIS CONTRACT Lead Senior Civil Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer Civil – Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Society of Civil Engineers ASCE Engineers Week Committee Member 2013 and 2014			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Arizona North End Zone Stadium – Tucson Arizona	(2) YEAR COMPLETED	
		Professional Services 2011	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 teamed with Heery International for the design of the North End Zone Stadium Addition. M3 provided mechanical/plumbing, civil, and electrical engineering support as well as full-service Construction Administration. ▪ 184,000 gsf ▪ \$59,743,000 ▪ Lead Civil Engineer	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Sheriff's Training Academy Addition – Pima County Arizona	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Pima County retained M3 to provide architectural project management, design and support services for an addition to the existing Pima County Sheriff's Training Academy facility in Tucson. The scope of work called for an addition to their current facility and included an exercise room, break room and kitchen, storage for an ATV, and a restroom. ▪ 3,800 sf ▪ \$1,045,476 ▪ Lead Civil Engineer	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> 390 th Memorial Museum Renovation – Tucson Arizona	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided master planning, programming, architectural, engineering, and exhibit design services. This facility was housed initially in a single span hangar to exhibit a B-17 bomber. The recent museum renovation project significantly updated the expanded aging facility with new exhibition and research space, administrative and conferencing space, and a new museum entrance to create an identity for the museum. ▪ 24,900 sf ▪ \$2,383,000 ▪ Lead Civil Engineer	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	



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a. NAME Matthew Oetting	b. ROLE IN THIS CONTRACT Civil Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 13	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation – Chandler, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer Civil – Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Ocotillo Community Association – Chandler Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided engineering services to the Client for a solution to a shared drainage area. There was a concentrating drainage issue from the impervious surfaces to two spillways directed toward the property line and park which had resulted in erosion and debris being carried from one site to the other. • \$1,800 • Project Manager and Lead Civil Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Chandler Valley Hope Site Improvements – Chandler Arizona	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided architectural and engineering services for site improvements at Chandler Valley Hope Hospital. The intent of this project was to create a campus like setting while providing security for patients and staff. The scope of work consisted of improvements to two new parking lots, new landscaping, security fence, and new site lighting. M3 provided coordination with utility providers and the permitting processes. • \$47,312 • Lead Civil Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



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a. NAME Paul Bowden	b. ROLE IN THIS CONTRACT Senior Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 39	2. WITH CURRENT FIRM 2
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Tucson, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science, Electrical Engineering (Power Option)		f. PROFESSIONAL TRAINING - REGISTRATIONS Electrical Engineer – Arizona, California, Colorado, Nevada, New Mexico, Texas Registered Communications Distribution Designer (RCDD)	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> LEED AP IEEE Member, BICSI Member			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Pima County Fleet Services – Pima County, Tucson Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided electrical engineering services for a vehicle fleet services maintenance facility. Electrical services included the design of power, lighting, fire alarm, CCTV, and telecommunication systems. •90,000 sf •\$10,000,000 • <i>Electrical Engineer of Record</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Pima County Central Plant Modernization – Pima County, Tucson Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided a study to replace the existing chiller PCB transformer, piping expansion joints, piping insulation and supports. • \$1,000,000 • <i>Electrical Engineer of Record.</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> UAMC Elvira Office Renovation	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided electrical engineering services for a large office renovation. Electrical services included the design of power, lighting, fire alarm, and telecommunication systems. M3 also provided a generator study to determine how to modify the existing emergency system for the office complex in the most efficient way possible. • 30,000 sf. • \$3,000,000 • <i>Electrical Engineer of Record.</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Arizona North End Zone Stadium – Tucson Arizona	(2) YEAR COMPLETED	
		Professional Services 2011	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 teamed with Heery International for the design of the North End Zone Stadium Addition. M3 provided mechanical/plumbing, civil, electrical engineering support and full-service Construction Administration. • 184,000 sf • \$59,743,000 • <i>Outside Electrical Consultant to M3 Engineering & Technology</i>	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



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a. NAME Anthony Machara	b. ROLE IN THIS CONTRACT Electrical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 28	2. WITH CURRENT FIRM 9
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Chandler, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science - Electrical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer – Arizona, Alaska, California, Illinois, Nevada, Michigan, Tennessee, Utah, Washington, Wisconsin, Yukon Territory	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

H. RELEVANT PROJECTS

1.	(1) TITLE AND LOCATION <i>(City and State)</i> Dysart USD / Core Construction, PV Addition Arc Flash Reports – 45 Locations though out Maricopa County Arizona	(2) YEAR COMPLETED	
		Professional Services 2014	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided the preparation of Arc Flash fault calculations for 45 schools in the Phoenix metro area. Calculation results defined the arc flash hazard and were presented in site specific reports which were used to develop safety labels for installation on all electrical equipment. (This project had no square footage.) ▪ \$60,000 ▪ Project Manager and Lead Electrical Engineer	<input checked="" type="checkbox"/> Check if project performed with current firm	
2.	(1) TITLE AND LOCATION <i>(City and State)</i> Chiller Plant Upgrade – Casa Grande, Arizona	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided engineering services for a new pre-engineered metal building to house three (3) 250 ton chillers and associated pumps. The pumping arrangement to the plant was a primary/secondary system with VFD's on the distribution pumps. Three (3) cooling towers were piped in parallel to remove the heat. The project included all controls, electrical, structural and mechanical piping for a complete system. ▪ 2,000 sf. ▪ \$1,600,000 ▪ Lead Electrical Engineer	<input checked="" type="checkbox"/> Check if project performed with current firm	
3.	(1) TITLE AND LOCATION <i>(City and State)</i> Hangar for Aviation Maintenance Degree Program – Chandler-Gilbert Community College – Mesa, Arizona	(2) YEAR COMPLETED	
		Professional Services 2006	Construction (if applicable) 2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided Architecture and Engineering design services for this aviation maintenance education program at Williams Gateway Airport. In addition to the hangar area, the facility provides tool room space and 4,000 square feet for offices, aviation labs including general classrooms, teaching labs, maintenance labs and libraries. Responsible for the electrical, lighting, communications and fire alarm systems designs. ▪ 35,000 sf. ▪ \$2,633,000 ▪ Lead Electrical Engineer.	<input checked="" type="checkbox"/> Check if project performed with current firm	
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/> Check if project performed with current firm	



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

a. NAME Randall Swarengen	b. ROLE IN THIS CONTRACT Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 22	2. WITH CURRENT FIRM 7
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Chandler, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science - Energy Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer – Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> ASHRAE - Member			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Laveen Unified School District Support Services Building – Laveen, Arizona	2014	2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided mechanical and plumbing engineering services from schematic design through construction for this project. This one-story building provides space for facilities repair and maintenance, warehouse and offices for Facilities staff. ▪ 12,550 gsf ▪ \$1,240,000 ▪ Mechanical Engineer of Record	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chiller Plant Upgrade – Casa Grande, Arizona	2010	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided engineering services for a new pre-engineered metal building to house three (3) 250 ton chillers and associated pumps. The pumping arrangement to the plant was a primary/secondary system with VFD's on the distribution pumps. Three (3) cooling towers were piped in parallel to remove the heat. The project included all controls, electrical, structural and mechanical piping for a complete system. ▪ 2,000 sf. ▪ \$1,600,000 ▪ Project Manager and Lead Mechanical Engineer	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Hangar for Aviation Maintenance Degree Program – Chandler-Gilbert Community College – Mesa, Arizona	2006	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided Architecture and Engineering design services for this aviation maintenance education program at Williams Gateway Airport. In addition to the hangar area, the facility provides tool room space and 4,000 square feet for offices, aviation labs including general classrooms, teaching labs, maintenance labs and libraries. ▪ 11,400 sf. ▪ \$2,633,000 ▪ Lead Mechanical/HVAC Engineer.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	Professional Services	Construction (if applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input type="checkbox"/>	Check if project performed with current firm



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

a. NAME Oscar Avilucea	b. ROLE IN THIS CONTRACT Structural Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 11	2. WITH CURRENT FIRM 11
d. LOCATION <i>(City and State)</i> M3 Engineering & Technology Corporation - Chandler, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> Bachelor of Science - Civil Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS Professional Engineer – Arizona	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> American Institute of Steel Construction - Member			

H. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		Professional Services	Construction (if applicable)
1.	Chino Industrial PMLU Buildings Inspection – Tyrone New Mexico	2014	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided engineering services for a general inspection and certification via formal report submittal for on-site industrial post-mining land use buildings at the SX-EW, Ivanhoe Concentrator and the Mine Maintenance areas. A total of (69) structures were inspected. ▪ <i>sf Not Available</i> ▪ \$39,500 ▪ <i>Project Manager and Lead Structural Engineer</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	Chiller Plant Upgrade – Casa Grande, Arizona	2010	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided engineering services for a new pre-engineered metal building to house three (3) 250 ton chillers and associated pumps. The pumping arrangement to the plant was a primary/secondary system with VFD's on the distribution pumps. Three (3) cooling towers were piped in parallel to remove the heat. The project included all controls, electrical, structural and mechanical piping for a complete system. ▪ 2,000 sf ▪ \$1,600,000 ▪ <i>Lead Structural Engineer</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	Hangar for Aviation Maintenance Degree Program – Chandler-Gilbert Community College – Mesa, Arizona	2006	2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE M3 provided full service Architecture and Engineering design services for this aviation maintenance education program at Williams Gateway Airport. In addition to the hangar area, the facility provides tool room space and 4,000 square feet for offices / aviation labs including general classrooms, teaching labs, maintenance labs and libraries. 11,400 sf. ▪ \$2,633,000 ▪ <i>Lead Special Inspections Engineer.</i>	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE		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 <i>(City and State)</i> Biosphere 2 Landscape Evolution Observatory – Oracle Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION <i>(If applicable)</i> 2012

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER University of Arizona	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT \$4,223,212
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

This successful project, under M3's Open-End Contract with The University of Arizona, consists of three identical large steel planting tray structures built inside an existing glazed space frame building, a large greenhouse previously used for intensive agriculture, and supported over an existing concrete floor structure. These steel structures have three main parts: 1) The tray is a 38-foot wide by 100-foot long steel box open on the top, sloping 10% in the longitudinal direction and changing the transverse slope along the tray's length to form the ridges and valley channel that simulates the hill slope. 2) The substructure is a system of steel columns, beams and steel braces that support the tray through ten load cells centered on the top of each column. 3) The personnel transporter is a mobile steel structure similar to a gantry crane that travels over the tray, covering the full width and length of it, and allows scientists to monitor and take samples of the experiment without disturbing the soil.

These three steel structures are unique in the world, in size and purpose, as they will simulate the interaction of the elements, especially water, with soil and vegetation on a hill slope. For this purpose a special irrigation system and its supporting structure runs parallel to both sides of the tray rising over 10 feet above the top of the tray to support sprinkler heads that will simulate the effect of rain in various patterns.

Experience Emphasis:

- ◆ Research Lab/Teaching Lab
- ◆ Specialty Structural Engineering
- ◆ Coordination with all U of A agencies - Facilities Planning Department
- ◆ Coordination with multiple user groups and scientific research technicians
- ◆ 2013 Excellence in Structural Engineering Award
- ◆ 2013 National Certificate of Recognition IDEAS2





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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> 390 th Memorial Museum Renovation – Tucson Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i> 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER 390 th Memorial Museum Foundation	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$2,900,000	e. TOTAL COST OF PROJECT \$2,383,000
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(include scope, size, and length of project)*

Located on the grounds of the Pima Air and Space Museum, the 390th Memorial Museum has been faithfully dedicated to the memory of those who fought in World War II as part of the 390th Bombardment Group. As the museum enters into the future without the first-hand knowledge and service from the veterans of the 390th, the renovation project is a rededication to that memory.

Housed initially in a single span hangar to exhibit a B-17 bomber, the recent museum renovation project significantly updated and expanded the aging facility with new exhibition and research space, administrative and conferencing space, and a new museum entrance to create an identity for the museum itself, thus attracting new visitors and ensuring that the narrative in telling the story of the 390th remains relevant to future generations.

Experience Emphasis:

M3 provided completed master planning, programming, architectural, engineering, and exhibit design services.





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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
VERITAS Control Building, F.L. Whipple Observatory – Amado Arizona	2009	2011

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL \$1,001,000 COST OF PROJECT
Smithsonian Institution		\$1,001,000

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

M3 provided complete Architectural and Engineering design and construction administration services, under **M3's Open-End Contract with the Smithsonian**. This was for the Very Energetic Radiation Imaging Telescope Array System (VERITAS) Control Building. The Control Building provides a central control facility for the four telescopes for the VERITAS project. This facility was designed within the framework of the **LEED Silver** Certification Criteria.



Experience Emphasis

- ◆ M3 participated in value engineering during the design and developed a feasible building system to meet project budget and schedule.
- ◆ The project also involved a controlled lighting environment for night-time operation of the telescopes.





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

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

a. TITLE AND LOCATION <i>(City and State)</i>	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
Hangar for Aviation Maintenance Degree Program – Mesa Arizona	2006	2008

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Maricopa County Community College District	\$2,633,000	\$3,200,000

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

M3 provided full service Architecture and Engineering design services for this aviation maintenance education program at the Chandler-Gilbert Community College located at Williams Gateway Airport in Mesa, Arizona.

This program is the District's primary response to the needs of the aviation and aerospace employment sector in Maricopa County providing aviation program services initial and recurrent training for many individuals and aerospace manufacturing / maintenance organizations.

In addition to the hangar area, the facility provides tool room space and 4,000 square feet for offices / aviation labs including general classrooms, teaching labs, maintenance labs, libraries.



Experience Emphasis:

- ◆ Site Planning
- ◆ Design
- ◆ Facilities Programming
- ◆ Designed to maximize program needs within available funding limitations.
- ◆ Hangar area large enough to house a transport category Boeing 737 aircraft.
- ◆ FAA security control between the land side and air side.
- ◆ Backbone structure for data and communications, building control system.



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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> Sheriff's Training Academy Addition – Pima County	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i> 2014

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Pima County	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT \$623,000	e. TOTAL COST OF PROJECT \$400,500
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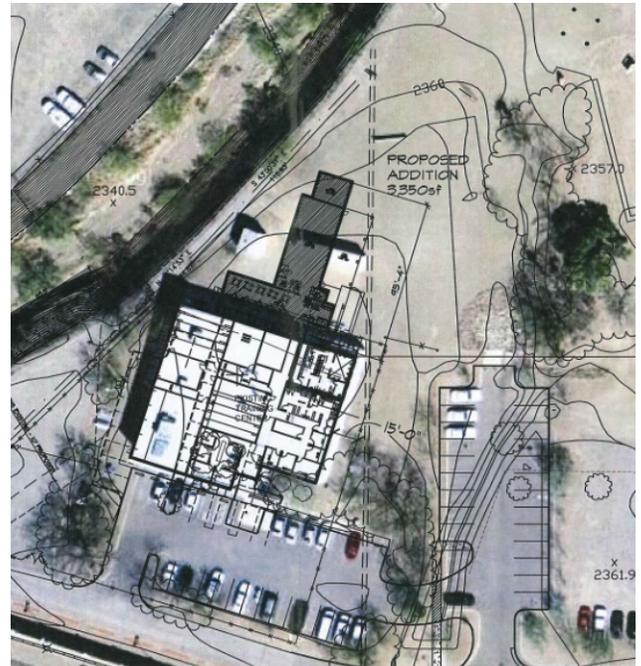
f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (include scope, size, and length of project)

Pima County retained M3 to provide architectural project management, design and support services for an addition to the existing Pima County Sheriff's Training Academy facility in Tucson. The scope of work called for an addition to their current facility and included an exercise room, break room and kitchen and storage for an ATV and a restroom

Experience Emphasis:

M3 participated in value engineering during the design process and assisted in developing a feasible building system to meet project budget and schedule.

M3 participated in evaluating material testing results on the masonry grout and accordingly advised Pima County to sequence trades in construction rather than loading the roof structure. This process involved third party structural review and additional material testing.





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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.)

M3 Engineering & Technology Corporation is a full-service Architecture, Engineering and Construction Management firm with our corporate office in Tucson, Arizona. M3 has maintained a corporate office in Tucson since 1986 and a branch office in the Phoenix metropolitan area for over 15 years presently located at 2175 West Pecos Road, Suite 3, Chandler, Arizona.

Since our founding in 1986, M3 has grown to be the largest Architectural/Engineering firm headquartered in Arizona, providing architectural and engineering design, procurement, construction management and construction administration services. M3 has consistently provided innovative, responsive and economically viable design solutions for a wide range of governmental, institutional, public and industrial projects.

M3 is looking forward to becoming one of the State of Arizona's Professional Consultant's. We maintain a multi-disciplinary staff in each of our offices which includes architects, construction managers, cost estimators, structural, civil, process, mechanical, piping, and electrical engineering. Having multi-disciplined resources in one location enables M3 to effectively manage, coordinate and execute projects.

Since 1987, M3 has completed a significant number of projects under Open-End Contracts for both private and public sector clients. Because of M3's experience and full service capabilities, a significant amount of its previous project workload has been individualized specialized Open-End Contracts for Architectural, Structural, Electrical, Mechanical and Plumbing services.

The scopes of these projects have ranged considerably in size and complexity, from new construction to renovation and remodel; each benefiting from M3's ability to provide full-service architectural and engineering services.

At M3, we believe that engineering is a collaborative endeavor. Accordingly, our project team will work closely with the State of Arizona to establish a constructive partnership whose primary goal will be to develop innovative, appropriate, efficient and affordable solutions. Our project management approach will incorporate clear and effective communication; use of standardized procedures adopted by State of Arizona; and identifying project milestones and deliverables, with regular monitoring and reporting thereof.

M3 Management Approach

M3 adheres to a design philosophy and management approach based on our commitment and sustained involvement of principals and senior professionals. The diverse experience of M3 personnel brings strong project management skills and tools that guide the development of the project. This facilitates organizing, anticipating, involving, communicating and proposing solutions adapted to the specifics of the project. A benefit of our team is the interdisciplinary nature of our practice that offers consistent hands-on senior leadership representation for the duration of the project for all disciplines.

With the Project Manager's ability to interact with design team members on a daily basis, issues that might impact the design, project schedule and budget will be discussed and addressed immediately. This would allow the team to collectively propose alternatives or re-allocate resources to best meet the project's schedule and budget.

The project objective will be based on a partnership of each team member, made up of State of Arizona, M3's design staff and the CMAR (if part of the project delivery method) and will establish the framework for achieving the project goals on schedule and within budget. Each discipline will have a Senior Project Architect/Engineer who will be responsible for the management, assignment and production of their individual discipline. Ultimate responsibility of leadership of the design team, assignment of staff and adherence to schedule will reside with the Principal In Charge.

M3 Project Approach

The success of any project begins by clearly define the project. This is done by:

- Developing a complete scope of work.
- Evaluating and prioritizing the project needs.
- Establishing the project goals, budget, schedule and the roles and responsibilities of individual team members.
- Confirming the State's design standards and guidelines.
- The balancing the budget with design objectives and providing for alternative solutions to establish potential project bid alternates or options.
- Confirming sustainability objectives and design options that will enhance the life cycle performance of the project.
- Incorporating both constructability and facility operation reviews would be an integral part of the design process.

Projects involving an existing facility renovation or remodel require:

- Review of as-built documents, and on-site inspections to confirm as-built conditions and confirm operational condition of the facility.
- Review of Operations and Maintenance records to identify and understand the procedures that operate and maintain the facility in order to design appropriate systems and equipment to control costs and allow for the ease of maintaining the facility.



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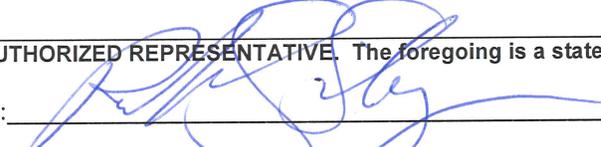
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7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	1%
b.	Percentage of Total Work Attributable to Non-Government Work:	99%

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

Signature: 

Date: 12-22-14

Name: Ruben S. Sibayan, AIA, LEED AP

Title: Assistant Vice President