



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:	Walsh Engineers
b. FIRM (OR BRANCH OFFICE) STREET:	501 S. 48 th Street Suite 112
c. FIRM (OR BRANCH OFFICE) CITY:	Tempe
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85281
f. YEAR ESTABLISHED:	1991
(g1). OWNERSHIP - TYPE:	Corporation
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	Small Business, # P1024936
h. POINT OF CONTACT NAME AND TITLE:	Jim Maroney – Phoenix Operations Manager
i. POINT OF CONTACT TELEPHONE NUMBER:	(480) 967-5449
j. POINT OF CONTACT E-MAIL ADDRESS:	jmaroney@walshengineers.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
Mechanical Engineer	P	2	
Project Manager	P	2	
Mechanical Designer	P	4	
CADD / Revit Designer	P	5	
Administration	P	2	
Total		14	



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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)
12	Medical Facilities	1
31	Industrial Buildings	3
5	Education Facilities	1
7	Federal / State/ ATFP	3
10	Housing/Lodging	1
18	Office Buildings	2
19	Commercial Buildings	2
4	Forensic Engineering - Studies	1
6	Dining Halls - Restaurants	2
2	Labs General	3
1	Computer Facilities	2
100	Plumbing and Piping Design	4
120	Heating, Ventilating; Air Conditioning Design	5

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

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



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

a. NAME Gene Walsh	b. ROLE IN THIS CONTRACT President & Principle Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 32	2. WITH CURRENT FIRM 23
d. LOCATION (City and State) Tempe, Arizona and San Diego, California			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS. Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ Mechanical #44951	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)			

H. RELEVANT PROJECTS

Gene Walsh has 32 years of experience engineering and designing mechanical systems. As Principal Engineer of Walsh Engineers, Inc., Gene directs and oversees the engineering efforts for special key projects. As president, he leads management, reviews executive reports and supervises business operations. His qualifications include mechanical (HVAC) and plumbing system design and implementation for industrial buildings, low- and mid-rise housing complexes, dining facilities, power plants, and co-generation central plants which provide heating, cooling, and electricity. His years of engineering and field support distinguish him in many areas such as project planning, programming and construction budgeting.

PROJECT EXPERIENCE

French Valley Business Park, Public Defender & District Attorney Office

District Attorney Office project consisted of a three-story, 106,000 ft² building that was retrofitted for the functions required at this headquarters' facility. Public defender office project consisted of a two-story, 31,320 ft² building that was retrofitted for the functions required for a legal offices facility.

Northwest Police Substation – LEED Silver

HVAC and Plumbing systems design for a new 22,000 ft² police substation and 5,500 ft² vehicle maintenance facility. The project focused on providing the San Diego Police Department with a heating and air conditioning system that was energy efficient, yet had the durability for a minimum 25+year dependable service life. A variable air volume HVAC system supplies the conditioned air and outside air with the ability to also reduce fan energy when the heating or cooling demand was low. The exhaust and ventilation system in the maintenance area includes a high/low exhaust system to prevent an unhealthy build-up of carbon monoxide and nitrogen dioxide when the vehicles are operating. The vehicles also where provided with snorkel exhaust hoses that connect the exhaust pipe to the fan and then vent the exhaust to the outdoors.

San Diego Police Department Downtown Headquarters

Design of a dual engine cogeneration system design that provided electric power and chilled water for this 7-story facility. The project included upgrades to the chilled water system, replacing remotely-cooled DX-chillers with a central chilled water system, served by the cogeneration plant.

Pacific Beach Life Guard Station #7

This project consisted of a 3-story life guard station, approximately 6,000 ft², and a restroom building, approximately 3,000 ft². The HVAC design included an exhaust system for the locker room and enclosed restrooms and central heating and ventilation for the lifeguard station. The plumbing design included hot water and sewer for the lifeguard station and cold water and sewer for the comfort station.



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

a. NAME Louis Sullivan	b. ROLE IN THIS CONTRACT Mechanical Engineer	c. YEARS EXPERIENCE	
		1. TOTAL 45	2. WITH CURRENT FIRM 3
d. LOCATION (City and State) Tempe, Arizona			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS. Mechanical Engineering		f. PROFESSIONAL TRAINING - REGISTRATIONS AZ Mechanical	
g. OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Awards, etc.)			

H. RELEVANT PROJECTS

Lou Sullivan has over 45 years of experience engineering and designing mechanical systems. As Senior Mechanical Engineer of Walsh Engineers' Arizona office, Lou Sullivan directs and oversees the engineering efforts for special key projects. His experience includes HVAC, piping systems, central chill water plants, IT data center, medical facilities, hotels and resorts, schools, high-rise and low-rise buildings, private residences, and energy conservation studies and projects. He has also served as a forensic consultant for law firms. Lou provides expert application and experienced engineering support to the design and construction teams.

Project Experience

Bow Tie, Scottsdale, AZ

Tenant improvement project for the City of Scottsdale to a 19,000 ft² two-story existing office building. Analysis and replacement of all Air Conditioned/Heat Pump units and revised design for new zoning. Project is now under renovation and is to be completed in late 2013.

Holloman, B301 ADAL UAS FTU Maintenance Hanger, Alamogordo, NM

This project consisted of the renovations and additions to an existing hanger space that was renovated and expanded to house administrative area and hanger functions.

Ft. Huachuca, Arizona

Designed the ventilation system and fuel oil piping for an underground emergency generator at two locations at the air field for training at Ft. Huachuca TALS (Take-off and Landing System).

Veteran's Affairs Rehabilitation Campus

Designed and engineered the mechanical, plumbing, and specialty piping systems for five rehabilitation and nursing facility buildings, a one-story dining-kitchen facility and an HVAC variable flow refrigerant fan coil system.

Beatitudes Retirement Campus (2 projects)

The first project consisted of the analysis and replacement of existing heating boilers in the central plant for (2) 3,000 MBH high-efficiency boilers and (1) 1,000 MBH high efficiency boiler in a second smaller building. Boilers were pre-purchased to insure completion before heating season in later 2013. The second project consisted of the modification of existing laundry HVAC system and addition of Air Conditioner to certain areas.

Stedman Residence, San Diego, CA

New, ground up, multi-level, home approximately 16,073 ft² in size and includes such features as a pool, guest house, garage, gym, and wine cellar.



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

Table with columns for Name, Role in this Contract, Years Experience (Total, With Current Firm), Location, Education, Professional Training, and Other Professional Qualifications.

H. RELEVANT PROJECTS

Jim Maroney has 23 years of experience engineering and designing mechanical systems. As project and operations manager of Walsh Engineers' Arizona Office, Jim directs and oversees the engineering efforts for all projects.

PROJECT EXPERIENCE

Skyline Charter School Tenant Improvement, Chandler, AZ

Tenant improvement project consisted of the mechanical and plumbing design of the remodel of existing office space into a new charter school.

Palms Memory Care Assisted Living Facility, Chandler, AZ

Mechanical and plumbing design for a 33,500 SF assisted living facility.

Bow Tie, Scottsdale, AZ

Tenant improvement project for the City of Scottsdale to a 19,000 ft² two-story existing office building.

Guymon Library, Guymon, OK

Mechanical engineering and design for a new Library for the City of Guymon, Oklahoma.

Luke Air Force Base, Building 461, 465, 500 Renovations, Glendale, AZ

This project consisted of the tenant improvement to three buildings totaling approximately 33,000 ft² of office space and computing areas.

Holloman, B301 ADAL UAS FTU Maintenance Hanger, Alamogordo, NM

Renovations and additions to an existing hanger space that was renovated and expanded to house administrative area and hanger functions.

Cannon AFB SOF Fuel Cell and Corrosion Control Hangers, Clovis, NM

This project consisted of design and engineering of two C-130 hangers totaling approximately 100,000 ft².



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

Table with 3 main columns: a. NAME, b. ROLE IN THIS CONTRACT, c. YEARS EXPERIENCE. Sub-rows include: Tish Marks (Project Manager), LOCATION (Tempe, Arizona), EDUCATION (Phoenix College - Mechanical & Plumbing), PROFESSIONAL TRAINING - REGISTRATIONS (ASHREA - ASPE), and OTHER PROFESSIONAL QUALIFICATIONS.

H. RELEVANT PROJECTS

Tish Marks is a Senior Mechanical and Plumbing Design professional with 32 years of diverse portfolio experience and a broad understanding of the design and construction process.

PROJECT EXPERIENCE

City of Chandler School District Facilities

Original plumbing design for Hamilton High School; converted central plants from water to air cooled plants including campus repiping and HVAC replacement for Anderson Junior High and Frye Elementary School;

Corona Del Sol High School

This 500,000 ft² campus for the City of Tempe included the replacement of the central plant, all site chilled/heating water mains, and small zone fan coil units with VAV air handlers and zone VAV boxes.

Mesa Arts Center

The Mesa Arts Center project, owned and operated by the City of Mesa, consisted of HVAC and Plumbing design of the entire site which included four theaters, five art galleries, and fourteen art studios.

Bow Tie

Tenant improvement project for the City of Scottsdale to a 19,000 ft² two-story existing office building. Analysis and replacement of all Air Conditioned/Heat Pump units and revised design for new zoning.

CoreLogic Corporate Office

This project involves the interior remodel of an existing 75,000 ft² facility to include reception/lobby, new lunchroom/kitchen, open office area, conference room/training room, mail/document duplication room, private offices, server room, and restrooms.



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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>

23. PROJECT OWNER'S INFORMATION

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

1. **Skyline Charter School Tenant Improvement:** 2012 Completed

This tenant improvement project consisted of the mechanical and plumbing design of the remodel of existing office space into a new charter school. The new 70,000 SF school will consist of classrooms, office space, toilet rooms and a small prep kitchen. Systems consisted of Package Rooftop Heat pumps.

Project Location: Chandler, Arizona

Contract Value: \$ 42,000

Construction Value: 1.5 million

Project Owner: Architectural Resource Team, Inc. (ART)

Carl Sepura, LEED AP BD + C, Assoc. AIA

99 East Virginia, Suite 120

Phoenix, Arizona 85004-1195

P: 602-307-5399

F: N/A

Email: csepura@art-team.com

2. **Palms Memory Care Assisted Living Facility:** 2014 Completed

This project consisted of the mechanical and plumbing design for a 33,500 SF assisted living facility. Mechanical systems included rooftop equipment and VRF variable refrigerant flow split systems.

Project Location: Chandler, Arizona

Contract Value: \$15,000

Construction Value: 2.6 million

Project Owner: Avenir Group of Companies

Jason Craik, Vice President of Construction

11648 E. Shea Blvd, Suite 101, Scottsdale, AZ 85259

P: 480-451-8200

F: N/A

Email: Jason@avenirretirement.com



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3. **Luke Air Force Base, Building 461, 465, 500 Renovation:** 2011 Completed
Tenant improvement to three buildings totaling approximately 33,000 SF of office space and computing areas. Mechanical systems implemented chilled water and VAV air distribution.
Project Location: 14185 Falcon St., Glendale, AZ 85309
Contract Value: \$36,200
Construction Value: \$700,000
Project Owner: Michael Baker Jr, Inc.
Bruce Preston, Project Manager
2929 N Central Ave., Suite 800
Phoenix, Arizona 85012
P: 602-279-1234
F: 602-279-1411
Email: BPreston@mbakercorp.com

4. **Qualcomm Midway Building Tenant Improvement:** 2009 Completed
This project consisted of the tenant improvement of a single-story shell building of approximately 21,000 SF. The structure was a build-out of private offices, conference rooms, cubical areas, a fitness room, MDF room, electronics lab, restrooms with showers and break room.
Project Location: 5740 W. Chandler Blvd, Chandler, AZ 85226
Contract Value: \$42,105
Construction Value: \$2,750,000
Project Owner: Delawie
Mike Asaro, AIA, Principal
2265 India Street
San Diego, CA 92101
P: 619-299-6690
F: 619-299-5513
Email: masaro@delawie.com

5. **Mammoth Professional Building Tenant Improvement:** 2008 Completed
This project consisted of general office mechanical and plumbing design tenant improvements to a 3-story, 61,865 SF office building.
Project Location: 1490 S. Price Road, Chandler, AZ
Contract Value: \$34,000
Construction Value: \$3,400,000
Project Owner: Nogle Onufer Architects
Karen Hoshizaki, AIA
2398 San Diego Avenue
San Diego, CA 92110
P: 619-297-8066
F: N/A
Email: info@noaainc.com



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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.)

1. Walsh Engineers specializes in the design of environmental comfort systems, which includes Heating Ventilation and Air Conditioning (HVAC), campus-wide central plants; special utilities such as medical gases or labs solvents/gases, and general plumbing systems.

Common project experience includes:

- Hospitality, Hotels, Casinos, Tribal Community Development
- Civic (Fire Stations, Libraries, Civic Centers, Public Works Facilities)
- Commercial and Retail Centers
- Restaurant, Fine Dining
- Mid- to High-Rise Office Buildings
- Colleges, Universities, and K-12
- Department of Defense Facilities
- Solar Thermal Hot Water Systems
- Biotechnical and Pharmaceutical
- High-tech/Electronic research and development
- Hospitals, Medical Office Buildings and Assisted Living
- Manufacturing and Tool hook-up
- Data centers
- LEED certified and CAL-GREEN projects

Currently Walsh Engineers is organized into engineering teams that are each comprised of team leadership, mechanical and plumbing engineers, designers and drafting technicians. Each team is a self-sufficient unit capable of designing most projects. There are two engineering teams in our San Diego office and one in the Phoenix, Arizona office. Walsh Engineers has the engineering depth and power to utilize one or multiple teams on any given project – the demands of significantly large projects, or fast-paced projects, are met through the use of two or more teams working in parallel or together.

We would be honored to actively demonstrate ***“Service Beyond Expectation.”***

2. References: All of the above clients/contacts may serve as references.
3. If selected, Walsh Engineers is fully prepared and capable of proceeding on any project immediately.
4. All mechanical and plumbing design is performed in-house by a highly experienced staff of engineers and designers. Electrical and Fire Protection Engineering is performed through a sub-contractor.



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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:	37
b. Percentage of Total Work Attributable to Non-Government Work:	63

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

Signature: 

Date: 12/22/2014

Name: Jim Maroney

Title: Phoenix Operations Manager



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STATE OF ARIZONA
BOARD OF TECHNICAL REGISTRATION

■ BRANCH OFFICE REGISTRATION ■

BRANCH NAME
Walsh Engineers

BRANCH OFFICE
REGISTRATION NO.: 14367-1

BRANCH ADDRESS
501 S 48th Street
Suite # 112
Tempe AZ 85281

EXPIRES: October 31, 2015

SERVICES OFFERED
Engineering / Mechanical

MELISSA CORNELIUS
EXECUTIVE DIRECTOR
FOR THE BOARD



STATE OF ARIZONA

STATE BOARD OF TECHNICAL REGISTRATION

FOR ARCHITECTS, ASSAYERS, ENGINEERS, GEOLOGISTS,
LANDSCAPE ARCHITECTS AND LAND SURVEYORS

EUGENE THOMAS WALSH

HAVING EXHIBITED TO THE ARIZONA STATE BOARD OF
TECHNICAL REGISTRATION SATISFACTORY EVIDENCE OF GOOD
MORAL CHARACTER AND OF QUALIFICATIONS AND PROFICIENCY,
IS HEREBY AUTHORIZED TO PRACTICE PROFESSIONALLY IN THE
STATE OF ARIZONA AND USE THE TITLE OF

REGISTERED PROFESSIONAL ENGINEER
WITH PROMINENCY IN
MECHANICAL ENGINEERING

IN WITNESS WHEREOF, THE BOARD
GRANTS REGISTRATION AND ISSUES
CERTIFICATE NUMBER 33,638 SUBJECT
TO RENEWAL, AND AFFIXES THE SEAL
OF THIS BOARD AT PHOENIX, ARIZONA
THIS 12TH DAY OF NOVEMBER, 1998.

Tom Woods
CHAIRMAN OF THE BOARD

Herb Schmeider
SECRETARY OF THE BOARD

