



# Offer and Acceptance

State of Arizona  
State Procurement Office  
100 N. 15<sup>th</sup> Ave. Suite 201  
Phoenix, AZ 85007

SOLICITATION NO.: ADSP016-00005912 Request  
for Qualifications: 2016 Annual Professional  
Services List

PAGE  
1

Offeror: Henderson Engineers Inc.

OF  
1

## OFFER

### TO THE STATE OF ARIZONA:

The Undersigned hereby offers and agrees to furnish the material, service or construction in compliance with all terms, conditions, specifications and amendments in the Solicitation and any written exceptions in the offer. Signature also certifies Small Business status.

Henderson Engineers, Inc.

Company Name

5343 North 16th Street, #460

Address

Phoenix

Arizona

85016

City

State

Zip

Signature of Person Authorized to Sign Offer

MARCUS SANCHEZ

Printed Name

VICE-PRESIDENT

Title

Phone: 602-336-5200

Fax: 602-336-5201

MARCUS.SANCHEZ@HEI-ENG.COM  
Contact Email Address

By signature in the Offer section above, the Offeror certifies:

1. The submission of the Offer did not involve collusion or other anticompetitive practices.
2. The Offeror shall not discriminate against any employee or applicant for employment in violation of Federal Executive Order 11246, State Executive Order 2009-9 or A.R.S. §§ 41-1461 through 1465.
3. The Offeror has not given, offered to give, nor intends to give at any time hereafter any economic opportunity, future employment, gift, loan, gratuity, special discount, trip, favor, or service to a public servant in connection with the submitted offer. Failure to provide a valid signature affirming the stipulations required by this clause shall result in rejection of the offer. Signing the offer with a false statement shall void the offer, any resulting contract and may be subject to legal remedies provided by law.
4. The Offeror certifies that the above referenced organization  IS/  IS NOT a small business with less than 100 employees or has gross revenues of \$4 million or less.

## ACCEPTANCE OF OFFER

The Offer is hereby accepted.

The Contractor is now bound to sell the materials or services listed by the attached contract and based upon the solicitation, including all terms, conditions, specifications, amendments, etc., and the Contractor's Offer as accepted by the State.

This Contract shall henceforth be referred to as Contract No. ADSP016-00005912

The effective date of the Contract is March 1 2016

The Contractor is cautioned not to commence any billable work or to provide any material or service under this contract until Contractor receives purchase order, contract release document or written notice to proceed.

State of Arizona  
Awarded this

15 day of March

20 16

Procurement Officer



ATTACHMENT I – General Qualifications

**ANNUAL REQUEST FOR QUALIFICATIONS AND EXPERIENCE**  
NO: ADSP016-00005912

STATE PROCUREMENT OFFICE  
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**DEFINITIONS**

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

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

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

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

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

**SPECIFIC INSTRUCTIONS:**

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



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



**ATTACHMENT I – General Qualifications**  
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8. **Authorized Representative.** An authorized representative of the firm or branch office must sign and date the completed form. Signing attests that the information provided is current and factual. Provide the name and title of the authorized representative who signed the form.

**List of Disciplines (Function Codes) for Question 2**

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

**List of Experience Categories (Profile Codes for Question 3)**

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



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

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



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(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:	Henderson Engineers, Inc.
b. FIRM (OR BRANCH OFFICE) STREET:	5343 North 16 <sup>th</sup> Street, #460
c. FIRM (OR BRANCH OFFICE) CITY:	Phoenix
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85016
f. YEAR ESTABLISHED:	2005
(g1). OWNERSHIP - TYPE:	Inc.
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	N/A
h. POINT OF CONTACT NAME AND TITLE:	Marcus Sanchez, Vice President
i. POINT OF CONTACT TELEPHONE NUMBER:	602-336-5221
j. POINT OF CONTACT E-MAIL ADDRESS:	Marcus.sanchez@hei-eng.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/Plumbing Engineer	P	182	13
Electrical Engineer	P	130	7
Fire Protection Engineer	P	23	1
CADD	P	28	1
<b>Total</b>		Firm including other categories: 505	22



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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)
74	Auditoriums & Theaters	5
3	Sustainable Design	1
1666	Commercial Buildings; Shopping Centers	8
279	Dining Halls; Clubs; Restaurants	6
155	Education Facilities; Classrooms	6
317	Hospital & Medical Facilities	8
42	Housing (residential, multifamily, apt.)	4
13	Laboratories	5
214	Office Buildings; Industrial Parks	6
8	Prisons and Correctional Facilities	2
172	Recreational Facilities	8

**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  MARCUS SANCHEZ	b. ROLE IN THIS CONTRACT  PRINCIPAL IN CHARGE	c. YEARS EXPERIENCE	
		1. TOTAL 17	2. WITH CURRENT FIRM 17

d. LOCATION *(City and State)* PHOENIX, AZ

e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS - ARCHITECTURAL ENGINEERING	f. PROFESSIONAL TRAINING - REGISTRATIONS PROFESSIONAL ENGINEER: AZ 42439
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g. OTHER PROFESSIONAL QUALIFICATIONS *(Organizations, Awards, etc.)*  
 PROFESSIONAL REGISTRATION: CA, GA, KS, NV, NM, FL, CO, TN, TX  
 LEED ACCREDITED PROFESSIONAL

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> CASA GRANDE PUBLIC SAFETY FACILITY - CASA GRANDE, AZ	(2) YEAR COMPLETED	
		Professional Services 2008	Construction (if applicable) 2008-2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge of this new 65,000 SF Public Safety Facility located on 12 acres of land in the City of Casa Grande. The facility will include all traditional police operations, holding cells and fire department administrative offices. HEI provided mechanical, electrical, plumbing, technology and security design services for this project.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> CASA GRANDE MUNICIPAL COURT FACILITY - CASA GRANDE, AZ	(2) YEAR COMPLETED	
		Professional Services 2009	Construction (if applicable) 2009-2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge for this new 10,000 SF Municipal Court Facility located on the Casa Grande City Hall campus in Arizona. The facility will include court rooms, records storage, court clerk offices and a detention area with a sally port. Henderson Engineers is providing the mechanical, electrical, plumbing, technology and security design services for this CMAR project.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> SURPRISE CITY HALL - SURPRISE, AZ	(2) YEAR COMPLETED	
		Professional Services 2005	Construction (if applicable) 2006-2009
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Lead Mechanical Engineer of this \$48.5 million, 160,000 SF new City Hall facility located in Surprise, Arizona. The facility contained the majority of the City's administrative functions including city manager's office, mayor and council offices, council chambers, city clerk department, water services department, management and budget, finance, information technology, HR and public works.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> PEORIA SPRING TRAINING FACILITY - PEORIA, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2013-2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE HEI provided mechanical, electrical, plumbing and fire protection design services for this \$30 million, 104,000 SF major renovation and expansion of two approximately 52,000 SF clubhouse locker facilities seeking LEED Silver certification. Each clubhouse facility will include locker room facilities, training and conditioning rooms, kitchen, dining, meeting rooms, theater/multipurpose room and offices.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> ASU COLLEGE AVENUE COMMONS - TEMPE, AZ	(2) YEAR COMPLETED	
		Professional Services 2011	Construction (if applicable) 2012-2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal in charge. Henderson Engineers, Inc. (HEI) provided mechanical, electrical, plumbing, fire protection, architectural lighting design, day lighting, and LEED fundamental commissioning for this 150,000 SF mixed-use, mid-rise building that will be 5-6 levels located at Block 12 in the heart of downtown Tempe. This new facility will occupy the northwest corner of 7th Street and College Avenue and will include a two-level bookstore with food services, an auditorium, the Del E. Webb School of Construction, various ASU offices as well as retail space.	<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 ELYSE COCCO	b. ROLE IN THIS CONTRACT PROJECT MANAGER LEAD MECHANICAL ENGINEER	c. YEARS EXPERIENCE	
		1. TOTAL 10	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> PHOENIX, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS - MECHANICAL ENGINEERING		f. PROFESSIONAL TRAINING - REGISTRATIONS PROFESSIONAL ENGINEER: OH	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> CITY OF GOODYEAR FIRE AND POLICE DEPARTMENT RELOCATION GOODYEAR, ARIZONA	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical Engineer of this 8,000 SF fire and police department relocation design for the City of Goodyear. HEI provided separate relocations for fire and police operations. Working closely with the city, HEI provided designs for police office relocation.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA CITY HALL - MARICOPA, AZ	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical Engineer. HEI provided mechanical, electrical, plumbing and fire protection design services for this 48,000 SF city hall and 15,000 SF police facility. The city hall is a 2-story building with a council chambers, one-stop shop, and governmental office and administration functions. In addition HEI developed the Maricopa Design Guidelines to establish standards for future building projects.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA COUNTY SOUTHWEST JUSTICE COURTS - PHOENIX, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical Engineer for this new justice center approximately 60,000 SF to house 5 justice courts and supporting facilities. HEI is providing programming, mechanical, electrical, plumbing, lighting design, tech and security and construction administration services.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA PUBLIC WORKS MAINTENANCE AND FIRE ADMIN FACILITY MARICOPA, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical Engineer. HEI is providing mechanical, electrical, and plumbing engineering design for this Design-Build Public Works Maintenance and Fire Administration facility. The facility will include mechanic bays for working on vehicles, heavy equipment and fire apparatus, inside/outside storage, office space and other functions typical of a maintenance yard.	<input checked="" type="checkbox"/>	Check if project performed with current firm
5.	(1) TITLE AND LOCATION <i>(City and State)</i> TONY NELSSON EQUESTRIAN CENTER AT WESTWORLD - SCOTTSDALE, AZ	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Mechanical Engineer. HEI is providing mechanical, electrical and plumbing design services for this expansion and upgrade to completely enclose the current Equidome facility. This will add an additional 159,000 s.f. to the existing 100,000 s.f. facility. By becoming climate controlled will allow the facility to attract year round events. A critical aspect of the project is that construction will be phased to provide continued use of the Equidome during the primary event season which falls between October and March.	<input checked="" type="checkbox"/>	Check if project performed with current firm



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**Phoenix, Arizona 85007**

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

a. NAME  OCTAVIO DAVILA	b. ROLE IN THIS CONTRACT  LEAD ELECTRICAL DESIGNER	c. YEARS EXPERIENCE	
		1. TOTAL 15	2. WITH CURRENT FIRM 7
d. LOCATION <i>(City and State)</i> PHOENIX, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> HIGH TECH INSTITUTE		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i>			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> CITY OF SURPRISE PUBLIC SAFETY FACILITY - SURPRISE, AZ	(2) YEAR COMPLETED	
		Professional Services 2006	Construction (if applicable) 2006-2008
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical designer for this new \$23 million, 93,660 SF public safety facility for the City of Surprise. This project included courts, holding jails, police department, fire department, shooting range, data room as well as a critical crisis operation room. The new mechanical, electrical and plumbing systems were connected to an existing central plant which was modified to accommodate the current systems and future expansions.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> CASA GRANDE PUBLIC SAFETY FACILITY - CASA GRANDE, AZ	(2) YEAR COMPLETED	
		Professional Services 2008	Construction (if applicable) 2008-2010
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical designer for this new 65,000 SF Public Safety Facility located on 12 acres of land in the City of Casa Grande. The facility will include all traditional police operations, holding cells and fire department administrative offices. HEI provided mechanical, electrical, plumbing, technology and security design services for this project.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> CASA GRANDE MUNICIPAL COURT FACILITY - CASA GRANDE, AZ	(2) YEAR COMPLETED	
		Professional Services 2009	Construction (if applicable) 2009-2011
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical designer for this new 10,000 SF Municipal Court Facility located on the Casa Grande City Hall campus in Arizona. The facility will include court rooms, records storage, court clerk offices and a detention area with a sally port. HEI provided the mechanical, electrical, plumbing, technology and security design services for this CMAR project.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA COUNTY SOUTHWEST JUSTICE COURTS - PHOENIX, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Electrical designer for this new justice center approximately 60,000 SF to house 5 justice courts and supporting facilities. HEI is providing programming, mechanical, electrical, plumbing, lighting design, tech and security and construction administration services.	<input checked="" 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  ASIF KAZIMI	b. ROLE IN THIS CONTRACT  LEAD PLUMBING DESIGNER	c. YEARS EXPERIENCE	
		1. TOTAL 10	2. WITH CURRENT FIRM 4
d. LOCATION <i>(City and State)</i> PHOENIX, AZ			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> BS - MECHANICAL ENGINEERING		f. PROFESSIONAL TRAINING - REGISTRATIONS	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Organizations, Awards, etc.)</i> BS - AEROSPACE ENGINEERING CASHE			

**H. RELEVANT PROJECTS**

1.	(1) TITLE AND LOCATION <i>(City and State)</i> SALT RIVER PIMA MARICOPA INDIAN COMMUNITY COURT FACILITY SCOTTSDALE, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plumbing Designer. HEI is providing mechanical, electrical, plumbing and fire protection, lighting design, security, and telecomm design services for this approximately 85,000 SF courts building. The project includes of eight courtrooms, holding areas, and full court administration services. The project is seeking LEED Gold Certification.	<input checked="" type="checkbox"/>	Check if project performed with current firm
2.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA CITY HALL COMPLEX	(2) YEAR COMPLETED	
		Professional Services 2010	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plumbing designer. HEI provided mechanical, electrical, plumbing and fire protection design services for this 48,000 SF city hall and 15,000 SF police facility. The city hall is a 2-story building with a council chambers, one-stop shop, and governmental office and administration functions. In addition, HEI developed the Maricopa Design Guidelines to establish standards for future building projects.	<input checked="" type="checkbox"/>	Check if project performed with current firm
3.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA PUBLIC WORKS MAINTENANCE AND FIRE ADMIN FACILITY MARICOPA, AZ	(2) YEAR COMPLETED	
		Professional Services 2013	Construction (if applicable) 2013
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plumbing designer. HEI is providing mechanical, electrical, and plumbing engineering design for this Design-Build Public Works Maintenance and Fire Administration facility. The facility will include mechanic bays for working on vehicles, heavy equipment and fire apparatus, inside/outside storage, office space and other functions typical of a maintenance yard.	<input checked="" type="checkbox"/>	Check if project performed with current firm
4.	(1) TITLE AND LOCATION <i>(City and State)</i> MARICOPA COUNTY SOUTHWEST JUSTICE COURTS - PHOENIX, AZ	(2) YEAR COMPLETED	
		Professional Services 2012	Construction (if applicable) 2014
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Plumbing designer for this new justice center approximately 60,000 SF to house 5 justice courts and supporting facilities. HEI is providing programming, mechanical, electrical, plumbing, lighting design, tech and security and construction administration services.	<input checked="" 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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**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>
CITY OF PHOENIX CENTRAL STATION REFURBISHMENT - PHOENIX, ARIZONA	2009	2010-2011

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
CITY OF PHOENIX	\$3.5 MILLION / \$3.5 MILLION	\$3.5 MILLION

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

Refurbishment of a 4,500 s.f. transit facility. The engineering design services for this project included determining the extent of improvements required for the North Transit Facility, resolving any code issues, identifying and addressing the facility and operational needs of public transit, and phasing the work. Designed for LEED EB O&M Silver certification, sustainable components include premium efficiency HVAC equipment as well as utilizing natural ventilation and evaporative cooling. The project is estimated to reduce energy costs by over 50%. Additionally, HEI analyzed and designed the buildings integrated photovoltaic 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 (City and State)	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
MARICOPA CITY HALL COMPLEX - MARICOPA, ARIZONA	2010	2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
CITY OF MARICOPA	\$24 MILLION / \$24 MILLION	\$24 MILLION

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

HEI provided mechanical, electrical, plumbing and fire protection design services for this 48,000 SF city hall and 15,000 SF police facility. The city hall is a 2-story building with a council chambers, one-stop shop, and governmental office and administration functions. The council chambers is equippe with an audio-visual system that sends out live feeds to cable television, electronic voting, newsroom studio, and a small private chambers for private council member meetings.



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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	
CASA GRANDE PUBLIC SAFETY FACILITY - CASA GRANDE, ARIZONA	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> 2010-2011

**23. PROJECT OWNER'S INFORMATION**

c. PROJECT OWNER	d. ORIGINAL BUDGET/NTE AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
CITY OF CASA GRANDE	\$24 MILLION / \$20.5 MILLION	\$20.5 MILLION

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

HEI provided mechanical, electrical, plumbing, technology and security design services for this new 67,526 s.f. public safety facility located on 13 acres in the City of Casa Grande. The facility houses the City's Police and Fire Department Headquarters and their Emergency Operations Center and several divisions.



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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.)**

Henderson Engineers, Inc. (HEI) is a Phoenix multidisciplinary engineering firm headquartered in the Kansas City Metropolitan area. With office locations nationwide and 600 employees, HEI offers the following specialized services: mechanical, electrical, plumbing, acoustics, architectural lighting, commissioning, engineer-led design/build, fire protection, refrigeration, security, sustainable design and technology.

Our diversified portfolio represents a full range of markets including but not limited to: government, education, sports and recreation, retail, corporate, healthcare, grocery, and mixed-use. Licensed in all 50 states as well as the District of Columbia, Puerto Rico, the US Virgin Islands and multiple Canadian provinces, HEI's services are provided on a local, regional and national basis.

Our emphasis is on the success of projects and the development of long-term relationships. We value flexibility and technical competence and our associations with clients.

Top 25 Engineering Design Firm, Building Design + Construction.

Phoenix Business Journal Best Places to Work 2015

Phoenix Business Journal HR Best Practices 2014

#16 MEP Giants, Consulting Specifying Engineer.

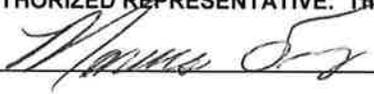
Summary of Henderson Engineers, Inc.

- HVAC, electrical, plumbing and refrigeration systems planning and design
- Engineer-led design/build
- Commissioning services: fundamental, enhanced, retro and continual
- Nationwide project presence with registration in 50 states
- Dedicated Quality Control Team - utilizing over 160 years combined experience
- Design for energy conservation / operational efficiency - over 100 LEED® related projects

**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:	3%
b.	Percentage of Total Work Attributable to Non-Government Work:	97%

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

Signature: 

Date: 12/21/2015

Name: Marcus Sanchez

Title: Vice President