



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:	The H2 Group, LLC
b. FIRM (OR BRANCH OFFICE) STREET:	17470 North Pacesetter Way
c. FIRM (OR BRANCH OFFICE) CITY:	Scottsdale
d. FIRM (OR BRANCH OFFICE) STATE:	Arizona
e. FIRM (OR BRANCH OFFICE) ZIP CODE:	85266
f. YEAR ESTABLISHED:	2005
(g1). OWNERSHIP - TYPE:	Limited Liability Company
(g2) OWNERSHIP - SMALL BUSINESS STATUS:	Small Business
h. POINT OF CONTACT NAME AND TITLE:	Paul Hartley, President
i. POINT OF CONTACT TELEPHONE NUMBER:	602-885-1423
j. POINT OF CONTACT E-MAIL ADDRESS:	paul.hartley@h2group.net
k. NAME OF FIRM <i>(If block 1a is a branch office):</i>	



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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	1	
Project Manager	P	1	
Project Manager	S	2	
Construction Manager	P	1	
Construction Manager	S	2	
Cost Engineer/Estimator	P	1	
Total		8	



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

a. NAME Paul Hartley	b. ROLE IN THIS CONTRACT Managing President	c. YEARS EXPERIENCE	
		1. TOTAL 34	2. WITH CURRENT FIRM 10
d. LOCATION <i>(City and State)</i> The H2 Group - Scottsdale, Arizona			
e. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> AAS - Architecture BS - Business Administration		f. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> Arizona – Architect	
g. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> LEED AP Member – American Institute of Architects Member – Arizona Association of School Business Officials Member – Alliance for Construction Excellence Member – Project Management Institute Member – Construction Management Association of America Member – Design-Build Institute of America			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION <i>(City and State)</i> 2010 WESD Bond Construction Program – Phoenix, Arizona Multi-year Bond Program for Washington Elementary School District	(2) Year Completed	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Owner Representative for design and construction of \$65M bond program. Work is occurring at over 30 of the School District's facilities. Individual projects involve major renovations and additions, site improvements, roofing/lighting/HVAC replacements, and construction of a new elementary school (see separate project description below).	Professional Services Project/Construction Mgmt.	Construction <i>(if applicable)</i> Ongoing
<input checked="" type="checkbox"/> Check if project performed with current firm			
2)	(1) TITLE AND LOCATION <i>(City and State)</i> 2010 WESD Bond Construction Program – Phoenix, Arizona New Lookout Mountain Elementary School	(2) Year Completed	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Owner Rep for design and construction of new \$18M elementary school (part of relevant project #1-bond program). The new school is 94,000SF and includes administrative spaces, K-6 classrooms, specialty classrooms for art and music, gymnasium, and media center. Site improvements include ball fields, basketball courts, playgrounds, and staff/visitor parking areas. The project HVAC system utilizes a geothermal system.	Professional Services Project/Const. Mgmt. - 2013	Construction <i>(if applicable)</i> 2013
<input checked="" type="checkbox"/> Check if project performed with current firm			
3)	(1) TITLE AND LOCATION <i>(City and State)</i> Regional Public Transportation Authority – Mesa, Arizona East Mesa Facility Security Upgrade	(2) Year Completed	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Owner Rep for design and construction of security upgrades including perimeter fencing, card-access gates, guard kiosk building, and parking lot alterations. Project cost was \$360,000.	Professional Services Project/Const. Mgmt. - 2011	Construction <i>(if applicable)</i> 2011
<input checked="" type="checkbox"/> Check if project performed with current firm			
4)	(1) TITLE AND LOCATION <i>(City and State)</i> 2003 PUHSD Bond Construction Program – Phoenix, Arizona Multi-year Bond Program for Phoenix Union High School District	(2) Year Completed	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	Professional Services Project/Const. Mgmt. 2005-09	Construction <i>(if applicable)</i> 2009
<input type="checkbox"/> Check if project performed with current firm			

	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Owner Rep for design and construction of \$43.8M of \$205M bond program. Work occurred at six high schools and included new classroom, science lab, library, and PE buildings, science lab and kitchen renovations, and mechanical system upgrades.	<input checked="" type="checkbox"/> Check if project performed with current firm			
	(1) TITLE AND LOCATION (<i>City and State</i>) American Sports Center – Avondale, Arizona	(2) Year Completed <table border="1"> <tr> <td data-bbox="985 258 1265 312"> Professional Services Plans Rev./Cost Est. - 2009 </td> <td data-bbox="1265 258 1557 312"> Construction (<i>if applicable</i>) N/A </td> </tr> </table>		Professional Services Plans Rev./Cost Est. - 2009	Construction (<i>if applicable</i>) N/A
Professional Services Plans Rev./Cost Est. - 2009	Construction (<i>if applicable</i>) N/A				
5)	(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE Completed construction document review and cost estimate verification for \$7.8M, 83,000SF building.	<input checked="" type="checkbox"/> Check if project performed with current firm			



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NOTE: All of the following example projects have utilized at least two H2 Group team members working together to successfully complete the project.

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> Washington Elementary School District 2010 Bond Construction Program Over 200 individual projects located in Phoenix and Glendale, Arizona		b. YEAR COMPLETED	
		PROFESSIONAL SERVICES Project/Construction Mgmt.	CONSTRUCTION <i>(If applicable)</i> Ongoing
PROJECT OWNER'S INFORMATION			
c. PROJECT OWNER Washington Elementary School District	d. DOLLAR AMOUNT OF PROJECT \$65,000,000	e. TOTAL COST OF PROJECT Overall program is 55% complete; on budget	

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

The Washington ESD project is an eight year bond program with more than 200 individual projects at all of the District's thirty-two schools. The scope of work in this bond program primarily consists of the following:

- Design and construction of a new K-6 elementary school to replace the existing Lookout Mountain Elementary School
- Ten large site improvement projects
- Numerous building addition and renovation projects
- Exterior lighting upgrades
- Window efficiency upgrades
- Substantial roofing replacement and repairs, HVAC replacement, and pavement surface repair

H2 Group is providing full planning, project, and construction management services as the School District's Owner Representative. Paul Hartley is the Principal-in-Charge and lead Project Manager for all design and construction management work on the program including master scheduling, cost management, and quality assurance. Other H2 Group staff provides support for bond management planning and supplemental construction management under the direction of Mr. Hartley.

H2 Group's work began with the School District in 2010, shortly after voters approved the \$65M bond. Based on District criteria, a comprehensive Bond Management Plan for the program was prepared during the Spring of 2010. Work entailed existing facility assessments and project planning including individual project scope and budget development, scheduling of all work in conjunction with multiple bond sales, and presentations for program approval by school administration and the District Governing Board.

H2 Group has facilitated the selection, contract negotiation, and procurement of professional design and construction firms for the work using a variety of project delivery methods including construction manager at risk (CMAR), design-bid-build, and job order contracting. H2 Group's responsibilities include complete design phase coordination and oversight of the design professional's efforts. During construction, H2 Group performs project schedule monitoring, construction cost management, and project close-out coordination. Paul Hartley performs the bulk of the design and construction phase management with another H2 Group team member's support.

The largest project, involving the design and construction of a new K-6 elementary school to replace the existing Lookout Mountain Elementary School, has been successfully completed. The project was finished six months earlier than originally planned and on budget. The Construction Manager at Risk (CMAR) project delivery method was utilized. Paul Hartley has been the full-time Project Representative for the School District on the new \$18M elementary school throughout design and construction.

The new Lookout Mountain Elementary School is 94,000SF and includes administrative spaces, K-6 classrooms, specialty art and music classrooms, cafeteria and commercial kitchen, gymnasium, and media center. Site improvements include ball fields, basketball

courts, playgrounds, and staff/ visitor parking areas. The project HVAC system utilizes a geothermal system (the largest such installation at any school in Arizona).

a. TITLE AND LOCATION <i>(City and State)</i> Gilbert Fire Station No. 10 Gilbert, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Project/Const. Mgmt. - 2012	CONSTRUCTION <i>(If applicable)</i> Completed
PROJECT OWNER'S INFORMATION		
c .PROJECT OWNER Town of Gilbert	d .DOLLAR AMOUNT OF PROJECT \$4,000,000	e. TOTAL COST OF PROJECT On Budget

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

Gilbert Fire Station No. 10 is a four-bay station serving the northwest portion of the Town of Gilbert. The station is a single story structure with a mechanical mezzanine totaling just over 11,000SF. The project is a site adaptation of a prototypical Gilbert Fire Department Station - Station No. 2; opened in 2008. The project cost was \$4M which included \$3 million of American Reinvestment Recovery Act (ARRA) federal funding. The fire station is the first LEED building in Gilbert and is Gold-level LEED certified.

Two H2 Group staff members provided complete Owner Representation and construction management services for the project. The firm's work included schedule monitoring, cost management, and quality assurance. Other work by the firm involved coordination of off-site improvements, project status reporting, and utility company rebates.

Fire Station No. 10 is a state-of-the-art facility for firefighters, with enhancements to help them effectively provide services to the community. Alert panels in each room display messaging for calls, and keep track of response times. An on-site gym enables firefighters to stay at their station for their required physical training,

Some of the features incorporated into the project to achieve the LEED certification include natural light, low water landscaping, motion-sensor lighting, solar water heating, and Energy Star appliances. The station also generates some of its own power using more than 150 solar panels attached to the roof. In addition, the panels provide shaded parking covers.

a. TITLE AND LOCATION <i>(City and State)</i> Douglas Unified School District 2009 Bond Construction Program Douglas, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Project/Const. Mgmt. - 2012	CONSTRUCTION <i>(If applicable)</i> Completed
PROJECT OWNER'S INFORMATION		
c .PROJECT OWNER Douglas Unified School District	d .DOLLAR AMOUNT OF PROJECT \$7,400,000	e. TOTAL COST OF PROJECT Under Budget (additional scope added)

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

H2 Group staff assisted Douglas USD with bond management planning and design/construction management of all work in their \$7.4M bond program during one calendar year (2010). The scope of work in the bond program consisted of:

- Design and construction of a new Stadium Fieldhouse at the high school football field
- Installation of synthetic turf at the football field
- Design and construction of a new, freestanding Multi-Purpose Building at Clawson Elementary School
- District-wide reroofing of facilities
- Window and door replacement at several schools

H2 Group staff members provided planning and project/construction management services as the School District's Owner Representative. A comprehensive Bond Management Plan (BMP) was developed at the start of the program by H2 Group that included scope and budget verification as well as master scheduling for the work. H2 Group staff made initial presentations of the BMP to the District's Governing Board and provided them with periodic updates on the bond program status throughout the design and construction phases. In addition to schedule monitoring, cost management, and quality assurance during the design and construction phases, H2 Group assisted the District with the procurement of professional design and construction firms for the work.

a. TITLE AND LOCATION <i>(City and State)</i> Avondale City Center – American Sports Center Avondale, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Document Review/ - 2009 Cost Estimating	CONSTRUCTION <i>(If applicable)</i> N/A
PROJECT OWNER'S INFORMATION		
c .PROJECT OWNER City of Avondale	d .DOLLAR AMOUNT OF PROJECT \$7,800,000	e. TOTAL COST OF PROJECT H2 Group provided services during the design phase only.

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

H2 Group staff provided assistance to the City of Avondale on two phases of the project comprising the City Center site and infrastructure improvements and an 83,000SF recreational facility building. Scope of work performed by H2 Group included a complete review of the 95% construction documents for each phase and an analysis of the general contractor's Guaranteed Maximum Price (GMP) proposal.

As a result of the 95% construction document review, over 490 comments for coordination and clarification were provided for both phases of the work. This effort helped the city, architect, and contractor eliminate several costly issues during the design phase instead of encountering them at construction. H2 staff also completed a detailed review of the contractor's GMP for the building. This support for the City helped them negotiate a reduction of over 10% (\$888,000) from the initial GMP.

The indoor sports center utilizes concrete tilt-panel construction. It was the first commercial development in the Avondale City Center which is intended to also include shopping, restaurants and entertainment mixed with hotels, condos and office space in the future. The sports center is a unique type of facility in Arizona. It features a food area, two indoor soccer fields using artificial turf, four basketball courts and six volleyball courts. There is also a 4,000SF multipurpose room.

a. TITLE AND LOCATION <i>(City and State)</i> Phoenix Union High School District 2003 Bond Construction Program Phoenix, Arizona	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES Project/Const. Mgmt. - 2009	CONSTRUCTION <i>(If applicable)</i> Completed
PROJECT OWNER'S INFORMATION		
c .PROJECT OWNER Phoenix Union High School District	d .DOLLAR AMOUNT OF PROJECT H2 Group managed \$43.8M of \$205M bond	e. TOTAL COST OF PROJECT On Budget

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

Phoenix Union High School District completed their 2003 Bond Construction Program in two phases. Phase one included a new high school and renovations at two other existing schools. These projects were completed by PUHSD in-house staff. In 2005, the District issued an RFP for assistance on the remaining four years of work. H2 Group was selected to assist the District. Led by Paul Hartley, H2 Group staff was assigned and performed full service project management during design and construction for the following schools:

- Alhambra HS Construction of a new single story classroom building with nine class spaces and student restrooms. The project cost was \$4.5M.
- Bostrom HS Building additions that included cafeteria and administration expansion; new classroom and science lab buildings. Project cost was \$5.7M.
- Central HS Complete renovation of the school's commercial kitchen facilities and science labs was completed. The project schedule was extremely tight, but work was completed on time. The project cost was \$6.2M.
- Metro Tech HS Work included construction of a library expansion, an addition to PE facilities, and significant mechanical system upgrades. This was a multi-phased project with a total cost of \$10.9M.
- North HS Construction of a two-story, twelve classroom building addition. Work also included the installation of new security and fire alarm systems. Project cost was \$6.6M.
- South Mountain HS Extensive mechanical system upgrades and a new 19,000SF, two-story PE facility were included in the scope of work at this campus. Total project cost was \$9.9M

All projects utilized the CMAR project delivery method. H2 Group was the only outside consulting firm used during this bond program. H2 staff was responsible for the success of the projects listed above and has worked on other projects with PUHSD as a result.

6. ADDITIONAL INFORMATION

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

The H2 Group, LLC (H2) is a highly qualified, Arizona-based project and construction management firm. H2 supports public owners with a wide variety of services to assist with their building programs. We are uniquely able to assist public entities with the following services:

- Comprehensive Program, Project and Construction Management
- Cost Management, Project Scheduling, Estimating
- Existing Facility Surveys and Assessments
- Project Procurement Facilitation and Assistance, Contract Negotiation
- Bond and Capital Improvement Program Planning

We are able to deliver comprehensive services to our public clients that are efficient, effective and economical because of the qualifications and significant experience of our staff. All our engagements include Principal involvement and assignment of project management staff with no less than 20 years of building industry experience.

H2 specializes in full service project and construction management assignments that vary dramatically in size, scope, cost, and duration. The following is a partial list of public entity clients for whom the firm has successfully completed projects with:

- Phoenix Union High School District
- Washington Elementary School District
- Valley Metro/RPTA (Regional Public Transportation Authority)
- Scottsdale Unified School District
- City of Avondale
- City of Apache Junction
- Douglas Unified School District
- Town of Gilbert
- Higley Unified School District
- Western Maricopa Education Center (West-MEC)

We have also worked with many Arizona design professionals and general contractors. Because of our professionalism, we are well respected in the Arizona public building industry. H2 is very appreciative of the clients we have been afforded the opportunity to work with on their projects. References are available upon request.



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:	95%
b.	Percentage of Total Work Attributable to Non-Government Work:	5%

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

Signature: 

Date: December 19, 2014

Name: Paul Hartley

Title: President