Agenda Item VII-B.3.a
January 19, 2017

Training Facility – Fee Proposal for Architectural Design and Civil Engineering

Summary:

El Dorado Hills Fire Department developed an RFP requesting a Formal Fee Proposal for Architectural Design and Civil Engineering Design Services based on the approved Special Use Permit (S09-0008), and the Training Facility Business Plan provided by Interact Business Group along with the recommendations from the CityGate review of that plan related to the El Dorado Hills Fire Training Center. The deadline for submittal was Friday January 6th.

El Dorado Hills Fire Department received four total proposals, all of which were considered compliant to the requirements listed in the RFP. The four proposals were from;

- Calpo, Hom & Dong Architects
- WLC Architects
- MFDB Architects Inc.
- Shah Kawasaki Architects

After a very thorough review and rating approach of each proposal by the Administrative Staff we came to the following conclusion.

- While we do feel that there were some slight advantages and/or disadvantages with the different proposals, in the end the Administrative Rating Team felt comfortable that any one of the four Architectural Firms that responded to our RFP would provide an excellent product for El Dorado Hills Fire Department. With that understanding there was no glaring reason to stray from the bid price being the determining factor. Additionally, since we have worked closely on several projects over the years with CH&D and their Project Management Team outlined in their proposal we feel confident in the final product.

Fiscal Impact:

Project Budgeted Amount- $450,000.00

Architectural Design and Civil Engineering Bids:

- Calpo, Hom & Dong $248,400.00
- WLC Architects $360,000.00
- MFDB Architects Inc. $447,880.00
- Shah Kawasaki Architects $495,000.00

Staff Recommendation:

Staff recommends the BOD authorize engaging Calpo, Hom & Dong Architects for this project.

FINAL

November 21, 2016

REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES

Professional Services (RFP):	Fee Proposal - Professional Design Services
Submit Information to:	El Dorado Hills Fire Department 1050 Wilson Blvd El Dorado Hills, CA 95762
Direct Inquiries to:	David Roberts, Fire Chief (916) 933-6623
Proposal shall be submitted by:	January 6, 2017 4:00 p.m. **NO EXCEPTIONS** Late submittals will not be considered

The El Dorado Hills Fire Department is requesting a formal fee proposal for Architectural Design and Civil Engineering Design Services (hereinafter, "Design Services") based on the approved Special Use Permit (S09-0008) for the El Dorado Hills Fire Training Center in El Dorado Hills California. This Civil Engineering Design is intended to provide documents for Construction of the Fire Department's Training Facility, Phase 1.

The Scope of Work is based on the recommendations provided in the El Dorado Hills Fire Department Training Center Strategic Business Plan, prepared by Interact Business Group, Valley Center, California, dated March, 2016, and the follow-up review and recommendations provided in the El Dorado Hills Fire Department – Community Risk Assessment, Standards of Cover Study, and Strategic Plan and Training Facilities Review, prepared by Citygate Associates, LLC, Folsom, California, dated July 5, 2016 (the "Documents"). Copies of the Documents are available at the Fire Department Headquarters at Station 85.

The Design Services will include Architecture, Civil Engineering, Structural Engineering, Mechanical Engineering, Electrical Engineering, and Landscape Architecture. All Burn Prop equipment will be selected by the El Dorado Hills Fire Department, for incorporation into the design.

The scope of work will involve the following, as more fully described in the Documents:

- Site: +/-10 acres
- Earthwork, Steep embankments to simulate El Dorado Hills actual conditions
- Storm Drainage, Retention Pond
- Site Utilities – Water, Sewer, Fire
- Site Electrical
- Site Improvements: Training and Prop concrete pads, roadways, parking
- Helicopter Landing Pad
- Perimeter Fencing and Security Gates
- Landscaping
- Buildings: Classroom and Administration Building
- 2-3 Story Commercial and Residential Burn Building, set into embankment
- 4-Story Drill tower
- Outdoor Covered Classroom/Bleachers

The following is a description of services to be provided:

1. Construction Cost Estimate
2. All Specifications
3. Engineered Cut and Fill Plan
4. Grading Plan including On-Site Retaining Wall Plans
5. Water Retention Pond including Drainage Plans
6. Fire Protection and Domestic Water Services
7. Sewer Plans
8. Site Fencing, Gates and two Monument Signs
9. Detailed Drawings
10. Erosion Control Plans
11. Project oversight including all construction correspondence (RFI's, Change orders, Site Reports, Punch lists, Job meeting minutes…)
12. Sufficient Plans and Documentation for the Submittal process to El Dorado Irrigation District, the County of El Dorado, the El Dorado Hills Fire Department and any other submittals for the plan approval process
13. All necessary amendments for the approval process
14. Any additional Civil Engineering required to construct a "State of the Art" Training Facility

ALL PROPOSALS SHALL BE SEALED AND MARKED ON THE OUTSIDE AS:
"FEE PROPOSAL – BUILDING PROJECTS"

INTENT

The intent of this request for proposals is to solicit proposals from qualified Architecture and Civil Engineering firms for all engineering, design, plans, approval of all state and local agencies and construction oversight to construct phase one of the El Dorado Hills Training Center.

Proposals submitted in response to this request must be in accordance with the requirements specified herein.

TIME REQUIREMENTS

- Date and time for proposal submittal to District:
  January 6, 2017

  Site Visit (Optional) – 4680 Golden Foothill Parkway, El Dorado Hills, CA 95672
  December 14, 2016 at 0900

- Date, time and place for selection interviews (if necessary):
  To be determined; projected in later January.

- Date of contract award on or near:
  February 16, 2017

- Date for final plans and specifications due to District no later than:
  June 1, 2017

CONTRACTURAL ARRANGEMENTS AND PAYMENT

The Fire Department and the selected architecture/engineering firm to provide services will enter into a written agreement, the terms of which shall be developed by the Fire Department.

RIGHT TO REJECT

The Fire Department reserves the right to reject any or all proposals and to award the contract based upon the qualifications of the firm and not necessarily based solely upon the price/cost, in accordance with Government Code Section 4525 et. seq., and as more fully described in the "Selection Process" section included below.

PROPOSAL SUBMISSION REQUIREMENTS

To be responsive to this RFP, proposals shall specifically address the information described below. The proposal shall be bound with tabs identifying each section. The body of this statement (Sections 1 through 6 described below), shall not exceed 20 pages. Resumes for the proposal project team and sub-consultants shall be provided in the appendix (Section 7).

The following information must be provided in the proposal so that the Fire Department may review your firm's qualifications and approach to this type of project:

Section 1. Project Team – Names and qualifications of key personnel to be used on this project, their capacity or role, including applicable descriptions of similar work these people have been directly involved with, and being specific about the duties performed; names and qualifications of any sub-consultants, including specialty and capacity in which they will be utilized;

Section 2. Project Understanding and Approach – Describe your understanding of the project, and your proposed approach to design and construction to complete the project within schedule. Describe any unique or effective design aspects or approach that your firm plans to use during the pre-design phase.

Section 3. Design Challenges – Based on your experience, discuss any potential problems that may be encountered with this particular project; and how your firm would assist in solving these potential problems. Also describe why the design of a training facility is considered a specialized area of architectural/ engineering design.

Section 4. Construction Experience – Describe your experience relating specifically to the construction of the referenced facilities.

Section 5. Project Management – Describe your project management and cost control system.

Section 6. Consultant Fee – The proposal shall contain the all-inclusive fee for which the services will be done.

Section 7. Appendix – Project team member resumes, samples of other similar projects, and referrals (past fire stations and training facilities).

Two (2) complete copies of each proposal shall be furnished. Failure to comply with any of these requirements may be cause for a firm's proposal to be considered non-responsive.

ELIGIBILITY REQUIREMENTS

Each architectural/engineering consultant must formally comply with the following eligibility requirements:

- The Consultant shall be able to demonstrate experience in the design and construction of technically advanced training facility along with the design and construction of similar facilities over the last 10 years.

- The Consultant shall be able to provide all the services required and must be able to furnish the $2 million-dollar liability insurance coverage required by the El Dorado Hills Fire Department. These two items will not be negotiable.

- The Consultant's key personnel identified in the proposal shall be available for the entire duration of the project for consultation.

- Consultant's Project Manager, or a designated alternate, shall be available at the district main station (1050 Wilson Blvd., El Dorado Hills, CA) within two hours (travel time).

SELECTION PROCESS

The following criteria will be used in evaluating the qualifications of prospective architectural/ engineering consultants:

- Cost
- Experience in building fire stations and training facilities
- Qualifications of the architect's staff and design team members
- Recommendations from clients, contractors, and other knowledgeable people
- Record of success in previous fire training and fire station facility projects
- Creative abilities and proven innovations of design as demonstrated by fire training and fire station facilities either completed or presently under construction
- Accessibility to project/District
- Ability to prepare plans in accordance with time schedule

The selection process will consist of the Department's Building Committee reviewing the proposals per the criteria discussed above, and the possibility of inviting one or more (up to three) proposers for interviews. The Building Committee's recommendations shall be made at the Department's regular Board Meeting scheduled for January 18, 2017.

Upon selection of the firm deemed most qualified, the Department shall prepare and negotiate a formal, written contract upon terms and conditions satisfactory to the Department. In the event the selected consultant is for any reason unwilling to enter into an agreement with the Department, the Department may terminate negotiations and select the next most qualified firm and commence negotiations with that firm, or, the Department may terminate the selection process entirely.

CONCEPTUAL SITE PLAN

1" = 60'

Interact Business Group

EL DORADO HILLS FIRE TRAINING CENTER

EL DORADO HILLS FIRE DEPARTMENT
EL DORADO HILLS, CALIFORNIA

CONCEPTUAL SITE
DECEMBER, 2015

When Ambulance 85 is committed to an incident, or posted out of the Department, the EMS squad can provide additional paramedic care, or when the ambulance is available in the Department, the EMS squad can respond to low acuity medical calls that historically have not needed an ambulance transport. Doing so will increase the ambulance's capacity for serious incidents requiring transport.

If funding in the near term is not available for an additional firefighter, then the Department can consider splitting the current 4-person crew into two teams of two, one of which would staff an EMS Squad. If this were to be done initially, Citygate would caution the Department to restrict the EMS squad's service area to within 8-minutes travel time of Station 85 so that if the ladder truck were needed for a fire, the Squad could join up with the ladder truck quickly at another emergency.

Recommendation #8: The District should strive to maintain at least a 2-person staffing model at very rural stations, such as Station 91 and Rescue 83. Perhaps a 3rd position could be provided part-time from a stipend, apprentice/training program type of position.

Recommendation #9: **Adopt and Maintain Impact Fees:** The Department must adopt, and annually keep current, a new facilities and apparatus impact fee policy for new construction when the development cannot be serviced by the Department's adopted response time policies.

1.5 Overall Training Facility Review

Citygate's review of the proposed training center finds a well-thought-through plan, for which we offer some modest recommendations to fine-tune the plan to the Department's unique needs. We also suggest the Department look at phasing the construction over time if up-front funding or debt service is too costly for the Department to support. The final phasing is a cost of funds issue—cash up front, or in phases, versus use of debt financing with the resultant payments over one or two phases. The funding decision must be made in concert with the Department's needs to maintain annual operations and maintain a prudent fiscal reserve appropriation.

Finding #15: **Training Center Site:** After visiting both sites, clearly the Station 87 site is preferable. There is plenty of room to develop and expand, it is in a commercial zone as opposed to the residential zone of Station 86, and the Department already obtained a local Special Use Permit.

Recommendation #10: **Training Center Physical Design:** When grading the area for the training facility, leave as much untouched as possible. Build up a fairly steep embankment where the live fire training burn building is to be located. Utilize the entry driveway to simulate the varying grade curved roads, intersections, and divided roads found in El Dorado Hills. This will create much more realistic challenges for auto extrication and vehicle operation training. As the name implies, very little of El Dorado Hills is flat. The hands-on training ground should be sloped so that local terrain is always at the forefront of the firefighter's mind in training and on duty.

Recommendation #11: **Live Fire Training Building Design:** The residential live fire burn structure should be developed so that it is set into a hillside to present both the ascending and descending aspects of structures in El Dorado Hills. This will be a challenge, but it is achievable. Such a live fire burn structure would be unique and costlier than the one proposed in the existing training plan; however, it would reflect the reality that firefighters face in these unique structures. It would also be a draw for firefighters from throughout the region who are faced with similar challenges. Moreover, simultaneously it could be used for the more commonly-found residential structures, as well as modern apartment buildings.

Recommendation #12: **Training Center Staff Spaces:** Eventually, full-time staff will need to be assigned to the training facility. While that may seem to be in the distant future, with current growth rates, it could be needed soon. Training officer and staff facilities should be built into the classroom building from the start.

Recommendation #13: **Training Center Construction Phasing:** The construction of the training center could be split into two phases – props and classroom/office.

1.6 Department Strategic Plan Review

Citygate found the Strategic Plan appropriate for the Department's needs. We did not make any specific findings, but did offer one recommendation:

Recommendation #14: **Strategic Plan Life Span**: By 2019, the Department will have had six years' experience with its strategic plan. It will be time to start

REQUEST FOR
PROPOSAL

El Dorado Hills
Fire Department

Fee Proposal –
Professional Design
Services
Fire Training Center
Phase 1

January 6, 2017

January 6, 2017

David Roberts, Fire Chief
El Dorado Hills Fire Department
1050 Wilson Boulevard
El Dorado Hills, California 95762

Subject : **Request for Proposal for Professional Services**
Fee Proposal – Professional Design Services
El Dorado Hills Fire Training Center Phase 1

Chief Roberts and Members of the Review Committee :

Calpo Hom & Dong Architects (CH&D) is pleased to submit our Qualifications to the **El Dorado Hills Fire Department**.

CH&D is very enthused about this unique project and it's opportunities and challenges. **CH&D** has maintained an enjoyable ongoing relationship with the **El Dorado Hills Fire Department**, and we remain eager to continue working with the **El Dorado Hills Fire Department** in order to make this a successful project.

CH&D supports a unique combination of qualifications and expertise to this project.

- **Previous Fire Station and Fire Training Center Experience**
  The **CH&D** Project Team has completed work for the Roseville Fire Department, the Folsom Fire Department, the El Dorado Hills Fire Department, the Galt Fire Protection District, the Ceres Fire Department, Sacramento Metropolitan Fire District, Lathrop-Manteca Fire Protection District, Lincoln Fire Department, West Sacramento Fire Department, Winters Fire Department, and the Pioneer Fire Protection District. **CH&D** designed the Roseville Fire Training Center, in a number of phases, with the latest phase being a permanent Classroom Training Facility; and has recently completed work with El Dorado Hills on the Fire Training Center Conceptual Design and Conditional Use Permit Applications.

- **Specific El Dorado Hills Fire Department Experience**
  CH&D has very specific experience with the **El Dorado Hills Fire Department**, having provided all design and planning services for all of the **El Dorado Hills Fire Department** facilities, including the remodel and additions to Fire Stations 1 and 2, and new stations for Fire Stations 86, 87, 85, and 84. **CH&D** is well acquainted with the Department's requirements for Fire Station operations and requirements.

- **Specific El Dorado Hills Fire Training Center Experience**
  CH&D Principal Dennis Dong and his Team have been involved with the Conceptual Design of the El Dorado Hills Fire Training Center, since 2003, and also the preparation of Preliminary Design Documents required for the Conditional Use Permit Applications to El Dorado County. Preliminary Design Documents included Preliminary Grading, Retention Pond, and Utilities, Landscaping, and Architectural Building Designs and Site Furnishings. El Dorado County granted the Conditional Use Permit for the Fire Training Center, based on these Documents. Dennis Dong, in preparation for evaluating and determining requirements for the Fire Training Center Design, toured and reviewed state-

of-the-art Fire Training Centers with the **El Dorado Hills Fire Department**, in Reno, Nevada, Orange County, California, Elk Grove, California, Seattle, Washington, and Dallas, Texas.

- **Specialized Fire Training Center Consultant**
  Due to the specialized nature of Fire Training Centers, and the fact that Fire Training Centers are not frequently constructed, **CH&D** has enlisted the services of Perlman Architects of Arizona to assist with Master Planning for this project. Perlman Architects has a wealth of knowledge and experience with designing and master planning Training Centers. Even though Master Planning is not a specific requirement of the RFP, it is a vital component of the overall design direction for the 10 acre site.

- **Proven Record of Service with Public Agencies**
  CH&D is proud of our record of quality services, as best demonstrated by the number of Public and Private Clients who have chosen to work with our firm repeatedly. **CH&D** is organized with strong management skills and technically trained staff to service these needs and clients. **CH&D** recognizes the need for *all Projects* to be completed on-time and in-budget, without sacrificing the design opportunities and qualities of the project.

- **Enthusiastic Methodology**
  The Methodology of **CH&D** is reflected in our Enthusiasm and Spirit for the Project, with the best possible solution to challenges as the End Goal of the Team. Strong, participatory Management practices embody our Methodology, with all Members involved in spirited discussions.

- **Technical Staff Capabilities**
  The **CH&D** Project Team provides comprehensive design services in Programming; Planning; Architecture, Interior Design, Structural Engineering, Mechanical Engineering, Electrical Engineering, Environmental Consulting, and Cost Estimating. Senior Staff, experienced in working with complex projects, will be involved in all areas of Project Management and Quality Assurance.

- **Design Team Enthusiasm**
  As members of the Design Profession, the **CH&D** Consultant Team is highly motivated and enthusiastic about working with the **El Dorado Hills Fire Department**, and the opportunities and challenges the Department presents.

As a Principal of the Firm I will personally be the managing partner for this project, and am authorized to enter any contracts on behalf of the firm. Having designed several Fire Stations and Facilities, including all of the El Dorado Hills facilities, I look forward to this project and to the opportunity to further expound upon our qualifications and relationship with the **El Dorado Hills Fire Department.**

Sincerely,
Calpo Hom & Dong Architects

Dennis Dong, AIA, CSI, FARA

• 2120 20th Street, Suite One • Sacramento, California 95818 • Telephone: 916/446-7741 Facsimile: 916/446-0457 •

Firm Profile

Firm Name	**Calpo Hom & Dong Architects**
Business Address	**2120 20th Street, Suite One** **Sacramento, California 95818**
Telephone Number	**916.446.7741** **916.236.4288 Fax**
Principal Contact Person	**Dennis Dong (916.438.2171 direct)**
E-Mail Address	**ddong@chdarchitects.com**
Year Established	**1984**
Type of Organization	**California Corporation**
Federal Tax ID	**68-0022849**

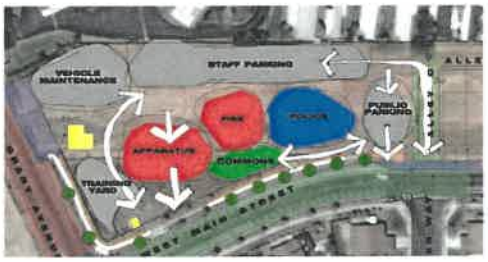
Calpo Hom & Dong Architects (CH&D) is a Sacramento-based Architectural, Interiors, and Planning Firm. Founded in 1984, **CH&D** is managed by five Principal Partners; Dennis Dong, AIA, CSI, FARA, Alan C. Hom, AIA, Loangle Newsome, AIA, Andy Kwong, AIA, and Karl Chan. **CH&D** is headquartered at 2120 20th Street, Suite One, in Sacramento's Central Business District.

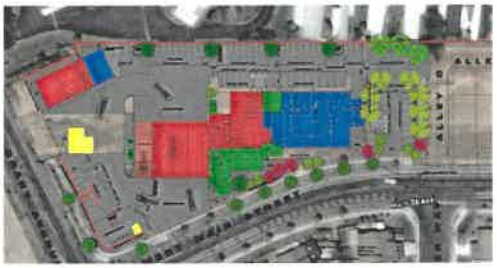
The **El Dorado Hills Fire Training Center Phase 1 Project** will be managed from our Sacramento Office, approximately 40 minutes travel time, to the Project Site. Key Personnel identified in this Proposal shall be available for the entire duration of the project for consultation. The schedule for Final Plans by June 1, 2017, is acceptable.

CH&D offers the full range of Architectural Services, including Master Planning, Feasibility Studies, Design, Interior Design, Space Planning, Construction Administration, Historic Preservation, and Consulting Services. Our portfolio includes Public and Private development for Administrative and Support Facilities for Public and Private Agencies, Essential Services Buildings for Fire Departments and Law Enforcement Agencies, Community Buildings, Schools and Colleges, Commercial Office and Retail Buildings, Multi-Use Facilities, Industrial Projects, Renovation and Adaptive Reuse, and Multiple Housing.

As general practitioners of Architecture, **CH&D** has designed a widely diverse range of projects, each allowing a different viewpoint to Design Solutions. These different viewpoints, collectively, allow us to foresee a myriad of opportunities within each individual project. **CH&D** sees this diversity as advantageous to the **El Dorado Hills Fire Training Center Phase 1 Project**, with its need to appeal to a variety of Users.

CH&D believes each client's needs are unique. Each project deserves and requires a fresh approach and creative solutions. **CH&D** has the diverse talent and expertise on staff to define and create solutions for the **El Dorado Hills Fire Training Center Phase 1 Project**; we can provide services for the entire gamut of Design, including Programming, Design, Interior Design, Construction Documentation, Furniture Selection, Security, and Construction Administration, to selected areas of Design concern directly related to the project's needs and scope. The depth and knowledge of the firm allows an overall and complete focus on all aspects of the project regardless of the limits of the scope.





CH&D staff is currently 16, with 8 registered Architects, 3 Designers, 3 CAD Operators, and 2 Support Staff.

CH&D maintains a workload of 75% of capacity, leaving a 25% margin of backup for "instant" staffing on any project due to a move-up of a completion date or additions to project scope.

CH&D maintains an Errors and Omissions Insurance Policy in the Amount of $2 million. Our Insurance Carrier is **Dealey, Renton & Associates**; a complete policy is available for review upon request.

CH&D is a 100% minority-owned firm, certified by the State of California (Certification No. 843171) and the CalTrans Office of Civil Rights (Certification No. CT-006166).

CH&D is a Small Business firm, certified by the State of California Department of General Services (Certification No. 0027716).

Section 1. Project Team

Design Solutions start with the Project Team, specifically selected for each project. **Calpo Hom & Dong Architects** is pleased with our Team assembled for the **El Dorado Hills Fire Training Center Phase 1 Project**; this is a Team comprised of Architects and Engineers with a solid history of working together, allowing the Team to confidently proceed with the tasks of Solution-Forming. The Owner and the Users are important members of the Project Team, providing the input and feedback vital to the success of the Project.

CH&D will be the Prime Consultant and Leader of the Project Team.

Project Team Members include the following.

Architect :	Calpo Hom & Dong Architects Sacramento
Training Center Consultant :	Perlman Architects of Arizona Phoenix, Arizona Principal-In-Charge : Kenneth Powers, RA
Structural Engineering :	Bevier Structural Engineering Rancho Cordova Principal-In-Charge : Jeff Kovach, S.E.
Mechanical Engineering :	Sigma Engineering Sacramento Principal-In-Charge: John Kaiser, M.E.
Electrical Engineering :	Capitol City Design West Sacramento Principal-In-Charge: Tony Baker, L.C.
Civil Engineering :	Warren Consulting Engineers El Dorado Hills Principal-In-Charge: Anthony Tassano, PE
Hydrology Consultant :	Civil Solutions Sacramento (Sub-Consultant to Warren Consulting Engineers)
Landscape Architecture :	Yamasaki Landscape Architecture Auburn Principal-In-Charge: Jeff Ambrosia, ASLA
Cost Estimating :	Bleckman Construction Estimating Sacramento

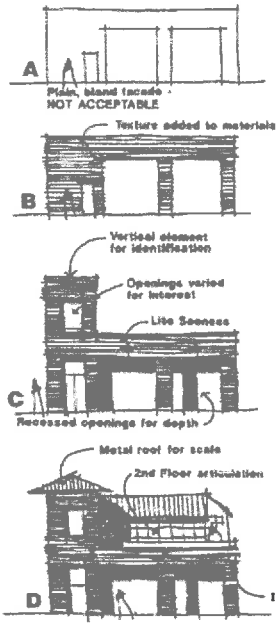
Of special note, is the fact Warren Consulting Engineers and Yamasaki Landscape Architects worked together with Architect Dennis Dong on the previous design efforts for the El Dorado Hills Fire Training Center, including the current Conditional Use Permit Application for El Dorado County. Due to the special expertise necessitated by the Water Retention Pond Design, Warren Consulting Engineers has included Civil Solutions as part of their team, for the Phase 1 Design.

Architect Dennis Dong has traveled with the El Dorado Hills Fire Department, visiting Fire Training Centers in Reno, Nevada, Orange County, California, Elk Grove, California, Seattle, Washington, and Dallas, Texas, for research and ideas.

Key Personnel

Calpo Hom & Dong Architects (CH&D) has made a conscious effort to control the growth of our Firm. This is to ensure to our clients that the Firm's Principals are directly and actively involved in each project, from inception to completion.

CH&D manages Projects from a unique environment. The Office is set up into Studios, each with a Principal's hands-on involvement. We have found that this collaboration between Principals with the Studios creates a dynamic and well-thought-out end product. In this way, the Client always has a team of persons which may be contacted. We have found this to be



The **CH&D** Principals each contribute a unique strength to all of the Firm's Projects. With at least one Principal always active in any Project, the other Principals lend their support and constructive input.

Dennis Dong, AIA, CSI, FARA, maintains unique strengths in Design and Technical Expertise with Public Works, Facility Design, and Essential Services projects

- Bachelors of Arts in Architecture,
  University of California, Berkeley, 1972
- Licensed Architect, California: C-12,163
  Licensed Architect, Nevada: 2,047
  Licensed Architect, Arizona: 21,630
  Licensed Architect, Oregon: 3,917
  Licensed Architect, Montana: 2,119
  Licensed Architect, Ohio: 5,287
- LEED™ AP BD+C
- Member, American Institute of Architects (AIA)
  Construction Specifications Institute (CSI)
  National Trust for Historic Preservation
  Society of American Registered Architects (ARA)
- 40 years experience; 32 years as Principal

Alan C. Hom, AIA, maintains unique strengths in Property Management and Programming.

- Bachelors of Science in Architecture,
  California Polytecnic State University, San Luis Obispo, 1982
- Licensed Architect, California: C-16,979
- Member, American Institute of Architects
- 37 years experience; 30 years as Principal

Loangle Newsome, AIA, maintains unique strengths in Education and Public Facilities.

- Bachelors of Science in Architecture,
  California Polytecnic State University, San Luis Obispo
- Licensed Architect, California: C-22,048
- Member, American Institute of Architects

Andy Kwong, AIA, maintains unique strengths in Retail and Urban Infill.

- Bachelors of Science Environmental Design, UC, Davis
- Licensed Architect, California: C-26,500
- Member, American Institute of Architects

Karl Chan, maintains unique strengths in Space Planning and Tenant Improvements.

- Bachelors of Science in Architecture,
  California Polytecnic State University, San Luis Obispo

Each Project at **CH&D** receives the full benefit of full-time participation by one Principal, and the benefits of expertise by the remaining Principals.

For the **El Dorado Hills Fire Training Center Phase 1 Project**, we will dedicate Principal *Dennis Dong*, as the Principal-In-Charge and Project Architect; Dennis will maintain the day-to-day hands-on management of the Project

- **DENNIS DONG, AIA, CSI, ARA, LEED**

With over thirty years of experience, Dennis Dong has been involved in all aspects of several major and diverse projects. Through his involvement with projects, he has developed a strong sensitivity to programming and design issues and techniques. He is responsible for critical project aspects related to the accurate translation of design requirements into workable and efficient floor plans. Currently, Dennis Dong is working with the Folsom Fire Department for the design of their new Fire Station 39, and the City of Rocklin for the design of their new Fire Station 23. Dennis Dong will provide overall direction and coordination for the architectural design and technical portions of the Project.

Dennis Dong will be a working Principal-In-Charge and Project Architect for this Project.

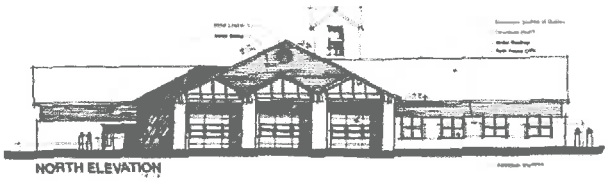
- Bachelor of Arts in Architecture,
  University of California, Berkeley, 1972

- Registered Architect, California: C12,163
- Registered Architect, Nevada: 2,047
- Registered Architect, Arizona: 21,630
- Registered Architect, Oregon: 3,917
- Registered Architect, Montana: 2,119
- Registered Architect, NCARB: 34,789
- LEED™ Accredited

- Member, American Institute of Architects (AIA)
- Member, Construction Specifications Institute (CSI)
- Member, National Trust for Historic Preservation
- Member, Society of American Registered Architects (ARA)

- Recent Relevant Project Experience :
  - El Dorado Hills Fire Station No. 1 Remodel and Addition
  - El Dorado Hills Fire Station No. 2 Remodel and Addition
  - El Dorado Hills Fire Station No. 84
  - El Dorado Hills Fire Station No. 85
  - El Dorado Hills Fire Station No. 86
  - El Dorado Hills Fire Station No. 87
  - El Dorado Hills Fire Training Center Conditional Use Permit
  - Roseville Fire Training Facility / Roseville Corporation Yard
  - Lathrop-Manteca Fire Station No. 34
  - West Sacramento Fire Station No. 45
  - Lincoln Fire Station No. 33
  - Lincoln Fire Station No. 34
  - Ceres Fire Station No. 1
  - Ceres Fire Station No. 3
  - Sac Metro Facilities Design Guidelines

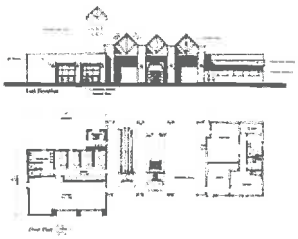
Dennis Dong has been personally involved with the design of new Fire Stations for Lathrop, El Dorado Hills, Roseville, Galt, Ceres, Folsom, West Sacramento, Lincoln, Winters, and Grizzly Flats, new Police Facilities for Roseville, Lincoln, and Winters, and Public Safety Facilities for Lincoln, Winters, and Firebaugh.



Section 2. Project Understanding and Approach

Calpo Hom & Dong Architects is well-versed in the design of Fire Facilities, with emphasis on Operational and Design Concepts. **CH&D** has recent experience in *Fire Stations, Fire Training Centers, Hose Towers, Burn Towers, and Pump Testing Facilities*. We feel our experience is very relevant to the **El Dorado Hills Fire Department**. Our Qualifications for selection for this project include the following :

- **Experience**
  - **CH&D** recognizes our previous Fire Station Facility experience in Folsom, El Dorado Hills, Galt, Roseville, West Sacramento, Lathrop, Lincoln, Winters, and Ceres as being very similar to the needs for the **El Dorado Hills Fire Department**.
  - **CH&D** has been the Architect for all of the **El Dorado Hills Fire Stations 84, 85, 86, 87**, as well as the Conceptual Planning and Conditional Use Permit Application process for the **El Dorado Hills Fire Training Center.**



  - **CH&D** has previous Fire Training Center experience, having designed the Roseville Fire Training Center. This Center includes a six-story Burn Tower with Computer-Simulation Burn Rooms, Smoke Mazes, Elevator Rescue, Building Corridor Simulation, Building Rappelling, Ladder Rescue, Stair Rescue, and Roof Rescue; Auto Extrication Area, Observation Benches, Temporary Training Facility, Underground Training Vaults, and Fire Extinguisher Pit. **CH&D** has also designed the Permanent Training Facility for the Roseville Fire Training Center.
  - Principal-In-Charge Dennis Dong has traveled with the El Dorado Hills Fire Department, visiting and observing Fire Training Centers in Reno, Nevada, Orange County, California, Elk Grove, California, Seattle, Washington, and Dallas, Texas; **CH&D** and Dennis Dong are very aware and familiar with the Departments requirements and needs for a comprehensive Fire Training Center.
- **Staffing**
  - **CH&D** is comprised of 8 registered Architects, 3 Designers, 3 CAD Operators, and 2 Support Staff. The size of our staff and our office setting encourages close interaction, collaboration, knowledge sharing and professional growth.
  - **CH&D** has made a conscious effort to control the growth of our Firm. This is to ensure to our clients that the *Firm's Principals are directly and actively involved in each project, from inception to completion..*
- **Project Management and Understanding**
  - **CH&D** Project Management is formulated around a Team Concept. The leadership of the Team is a direct responsibility of the Principal-In-Charge, with the daily management the responsibility of the Project Manager.
  - **CH&D** believes each client's needs are unique. Each project deserves and requires a fresh approach and creative solutions. **CH&D** has the diverse talent and expertise on staff to define and create solutions for the **El Dorado Hills Fire Department**, and can provide services for the entire gamut of Design. The depth and knowledge of the firm allows an overall and complete focus on all aspects of the project.
  - Knowledge and understanding is the key to any Project. Before any project proceeds, **CH&D** will ascertain a full understanding of the client's goals, needs, existing situations, and fiscal responsibilities, by listening to the Owner / User.

- **Partnering**

  - **CH&D** has been an active member in Partnering with the Owner to assure a smooth transition through the design process. **CH&D** sees the importance of this for coordination and cooperation in order to meet the anticipated milestones established by the **El Dorado Hills Fire Department.**

  - **CH&D** recognizes the value and importance of being *allies* with the Owner and the User Groups during the Design of the project. As simple as it may sound, often this is an overlooked fact; but by partnering, and recognizing each other's contributions and needs and requirements, the enthusiasm grows for wanting to do one's best work.

  - **CH&D** recognizes that "time is money", and we take a pro-active position in dealing with the questions and needs that the User Groups may have; a high priority is assigned for responses, to ensure no delays to the project. By willing to work with the User Groups, their attitude is mutual, and all sides, including the Owner, benefits.

- **Project Approach**

  - **CH&D** will approach the **El Dorado Hills Fire Department** Project in a series of Design Phases, with each Phase establishing Project Deliverables. These Phases, as described herein, are intended to keep the District Staff informed as well as *involved* in the process.

    - **Master Planning**

      Master Planning is not a specific requirement of this RFP. However, with 15 acres of developable site, it is in the best interests of the El Dorado Hills Fire Department to develop a workable blueprint for the future growth and use of it's property.

      To assist with this process, **CH&D** has enlisted the services of **Perlman Architects of Arizona**, an architectural firm with an extensive resume of Training Center Design and Master Planning experience.

      Master Planning is being provided to assure the overall design and direction of the Phase 1 will lead to successful future phases for the El Dorado Hills Fire Department. User Groups will be interviewed and conceptual Master Plans will be developed and discussed, continuing until consensus is reached.

    - **Schematic Design**.

      Preliminary and Schematic Design are considered the initial and most important steps in the Design Process. It is this phase which establishes the Design Guidelines for the project. The **CH&D** Team has the acquired expertise to understand, analyze, and prioritize these often complex issues, and to develop realistic, achievable and economically sound solutions.

      The Exterior Design, Site Factors, and Environmental Context is taken into consideration at the same time as the Interior Planning for Compatibility, Flexibility and Expandability. Team Meetings, amongst all members including the Owner and Users, establishes a Team Spirit and Enthusiasm towards common established Goals. These Goals are then reinforced with Public Workshops to encourage and foster the Public's Acceptance and Buy-In to the project.

      Progress Checkpoints are constant throughout this phase, *Brainstorming* is used as a means to come to an agreement of Direction for the project.

- **Design Development**

Design Development establishes the Design Criteria for the project. Goals and Concepts derived from the Preliminary and Schematic Design Phase are expanded on and reviewed for feasibility.

Design Development is the time when the Design can be refined, with all major issues resolved. Team Meetings are essential to establish the coordination and compatibility of interdisciplinary systems within the Design Progress

Checkpoints remain regular, but less constant throughout this phase.
The Owner's review and approval of various systems is necessary to allow progress of the project to continue.

- **Construction Documents**

Construction Documents establishes the complete Detailed Involvement of the project, the Contractual Obligations of the Owner and the Contractor, and the basis for obtaining Approvals and Bidding.

Team Meetings occur less frequently, as Design Decisions have been established during the two preceding phases. Team Meetings become a tool of coordination at this point in time.

Progress Checkpoints are used to review the project at 50% complete and 75% complete, in order to assure the established Design is being carried out.

- **Bidding**

The **CH&D** Team will provide assistance during the bidding phase, including participation in Pre-Bid Meeting with contractors; responses to bid questions; preparation of Addenda; and review of Bid results.

Progress Checkpoints are used to review the bidding at Weekly Telecommunications, in order to maintain open lines of communication amongst all Team Members, and for coordination of bid question responses.

- **Construction Administration**

The **CH&D** Team will provide assistance in interpretation of Construction Drawings, including responses to Request For Information (RFI's); Site visitation and Observation; open dialogue with the General Contractor.

The **CH&D** Team will provide assistance with shop drawing review. Requirements for shop drawings are detailed in the project specifications. Shop Drawing Log will be maintained.

Progress Checkpoints are used to review the project at Weekly Construction Meetings, in order to maintain open lines of communication amongst all Team Members, now inclusive of the Owner and Contractor.

Section 3. Design Challenges

Designated **Calpo Hom & Dong Architects** Principal-In-Charge, Dennis Dong, is well-versed in the design of Fire Facilities. Mr. Dong has handled the design and management of all Fire Facilities within the firm's portfolio, from Additions and Remodels to New Facilities to Training and Hose Towers to Fire Training Yards and specialized Burn Training Towers. Mr. Dong speaks from experience and a practical understanding of the complexities involved in Fire Station and Fire Training Center design.

Fire Station Design is always one of the more challenging architectural projects, due to the complex nature of multiple levels of requirements interwoven within one facility.

Fire Stations represent the following, seemingly unrelated, but totally dependent aspects:

1. Functional and Efficient Operations: a Fire Station must take into top priority its main function - Response to Emergencies. Everything from Building Siting, Building Layout, location of doors, distance of travel, ease of vehicle maneuvering space - must be done to promote the efficiency of a Fire Fighting Unit to respond to an emergency.

2. Living Quarters: a Fire Station is also a home to the Fire Fighting Crew, and must effectively serve that function. A Fire Station must be able to promote privacy and comfort during the down time which may occur between emergencies.

3. Civic Symbol: a Fire Station is an icon for a Community, and must be a beacon of strength and reflect the image of civic pride.

"The successful Fire Station is a machine for emergency response, provides private and comfortable living quarters, and stands as a symbol of strength and pride to a community."

A successful Fire Station must be able to address these three primary areas, within the context of its environment. Few other project types will have the diversity of requirements which are inherent to a Fire Station.

The **El Dorado Hills Fire Training Center** presents additional unique challenges.

1. Site Utilization. The site design will need to accommodate Phase 1, consisting of simulated site grading, Pre-Engineered Drill Tower and Burn Building, Classroom Building, Bleachers, and Site Improvements, in a very select manner, over the 15 acres of site at the Department's disposal. To assure this will be master planned, CH&D has enlisted the services of Perlman Architects of Arizona as a consultant to the Master Planning phase. Perlman Architects has a wealth of experience with Training Center Design and Master Planning.

2. Flexibility. The Fire Training Center must be designed to accommodate future growth and expansion, both known and unknown, for the District's needs for the next 25 years.

Aesthetics. The present **El Dorado Hills Fire Facilities** have established aesthetics that set the standard for the District and the Community. The new **Fire Training Center** must uphold those standards.

"At **Calpo Hom & Dong Architects**, we are aware of the contradicting requirements which make Fire Stations a specialized area of expertise. Being aware establishes the foundation for a complete design. Being aware allows us to address all issues of concern, with all Users, from Fire Fighters to the Public, involved with the building."

Calpo Hom & Dong Architects seeks the best innovative designs to meet this criteria.

Section 4. Construction Experience

Calpo Hom & Dong Architects has been the Architect for all of the El Dorado Hills Fire Department facility, since 1990, and has recent experience in *New Fire Stations, Remodels and Additions, Administrative Offices, Hose Towers, Training Towers and Facilities, and Pump Testing Facilities.*

- **Folsom Fire Station No. 36**
  New Facility, ±5,000 sf; includes Apparatus Bays (3), Sleeping Quarters, Training Room, and Offices; Site includes Training Yard with 3-story Framed Training Tower. Site was part of a City Park, and adjacent to a new Residential Development.

- **El Dorado Hills Fire Station No. 1 (85) Remodel and Addition**
  New Addition (±5,000 sf) and Remodel to existing Fire Station (±3,000 sf), including Living Quarters, Sleeping Quarters, Training Rooms, Administrative Offices, and a Hose Tower, which serves the dual role of function and community icon. Station No. 1 remained an active Fire Station and Administrative Headquarters throughout the entire construction process of Addition and Remodel. The Apparatus Room was kept active at all times, and Engines were not inhibited.

- **El Dorado Hills Fire Station No. 2 (84) Remodel and Addition**
  Similar to Station No. 1; New Addition (±2,000 sf) and Remodel to existing Fire Station (±3,000 sf), including Living Quarters, Sleeping Quarters, Training Rooms, and a Hose Tower, Station No. 2 remained an active Fire Station throughout the entire construction process of Addition and Remodel. Apparatus Room was kept active at all times, and Engines were not inhibited. Fire Crews maintained residence during construction.

- **Roseville Fire Training Center**
  New Facility, ±1.5 acre Training Yard with infrastructure and Concrete Paving for Engine exercises; Drafting Pit and Pump Testing Room; Fire Extinguisher Training Area; Railroad Car Rescue; Underground Utility Rescue; Training Building; 6-story Concrete Burn Tower, with Computerized Fire Simulation Equipment, Smoke Rooms, Obstacles, Sloped Roof Ladder Training, and Roof Rappelling, Elevator Rescue; Apparatus Storage Building; and Observation Areas.

- **Roseville Fire Station No. 5**
  New Facility, ±5,000 sf; includes Apparatus Bays (2 x 2 vehicles deep), Sleeping Quarters, Training Room, and Offices. Master planned as part of a new Park Development. A Pre-Engineered Metal Building, Fire Station No. 5 was located to facilitate response time to new neighboring developments. As development in the area expands, this Station, designed as a "temporary" Station, will convert into a City Park Corporation Yard Facility, and a "permanent" Station will be built.

- **Grizzly Flats Fire Station No. 35**
  New Facility, ±4,500 sf; includes Apparatus Bays (2 x 2 vehicles deep), Sleeping Quarters, Training Room, and Offices. Master planned in phases, to accommodate the financial structure of the community, with the final phase being a Hose Tower, as a functional facility that can double as a Town Meeting Hall.

- **Galt Fire Station No. 44**
  New Facility, ±8,000 sf; includes Apparatus Bays (3 x 2 vehicles deep), Sleeping Quarters, Meeting Room, Exercise Room, and Offices. The District required maximum square footage for minimal costs; the site is within a Historic Downtown District. The resulting design is a Pre-Engineered Metal Building, designed with an "historic"Storefront, to maintain the City Streetscape.

- **Lathrop-Manteca Fire Station No. 34**
  New Two-Story Facility (±10,000 sf), includes Apparatus Bays (3 x 2 vehicles deep), Living Quarters with 9-Person Crew accommodations, Training Room, Exercise Room, Equipment Turnout Room, and Office Area.

- **El Dorado Hills Fire Station No. 86**
  New Facility, ±10,000 sf; includes Apparatus Bays (2 x 2 vehicles deep plus one), Living Quarters with 8-Person Crew accommodations, Captain's Quarters, Community Room, Exercise Room, Turnout Areas, Decontamination Areas, Drafting Pit, and 36 foot Hose Tower.

- **Ceres Fire Station No. 1**
  New Facility, ±15,000 sf; includes Apparatus Bays (3 x 2 vehicles deep plus one), Living Quarters with 8-Person Crew accommodations, Captain's Quarters, Exercise Room, Community Room, Equipment Turnout Room, Administrative Headquarters, and SCBA Facility. The Two-Story Design will replace the existing outgrown Fire Station, and is designed to enhance the streetscape for Downtown Ceres.

- **Ceres Fire Station No. 3**
  Conversion of an Existing Facility, ±10,000 sf; includes Apparatus Bays (3 x 2 vehicles deep plus one), Living Quarters with 8-Person Crew accommodations, Captain's Quarters, Training Room, Exercise Room, Equipment Turnout Room, and Office Area. The design solution is master-planned for a future Training Yard, expansion of Training Rooms, and Public Parking and Access.

- **El Dorado Hills Fire Station No. 85**
  New Administrative HQ Facility, ±25,000 sf, replacing Fire Station No. 1; includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's Quarters, Community/Training Room, Exercise Room, Turnout Areas, Decontamination Areas, and 40 foot- Hose Tower.

- **Lincoln Fire Station No. 33**
  New Two-Story Facility, ±12,000 sf; includes Apparatus Bays (2 x 2 vehicles deep plus one), Living Quarters with 10-Person Crew accommodations, Battalion Chief's Quarters, Exercise Room, Equipment Turnout Room, and Storage Mezzanine.

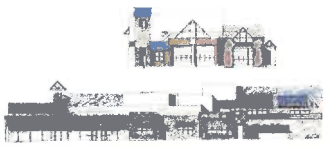
- **Lincoln Fire Station No. 34**
  New Facility, ±13,500 sf; includes Apparatus Bays (3 x 2 vehicles deep plus one), Living Quarters with 10-Person Crew accommodations, Battalion Chief's Quarters, Training Room, Exercise Room, Equipment Turnout Room, Office Area, and 40 foot-high Hose Drying Tower. The design solution includes a Drafting Pit, and is master-planned for a future Training Yard.

- **West Sacramento Fire Station No. 45**
  New Two-Story Administrative HQ Facility, ±26,000 sf,; includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's and Duty Chief's Quarters, Community/Training Room, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and City Police Service Center.

- **Sacramento Metropolitan Fire Station No. 23 Addition and Remodel**
  New Addition (±5,500 sf) and Remodel to existing Fire Station (±4,500 sf), including Living Quarters, Sleeping Quarters, Battalion Chief Quarters, extended Apparatus Room, and Administrative Offices.

- **Folsom Fire Station No. 39**
  New Two-Story Facility, ±11,700 sf; includes Apparatus Bays (3 x 2 vehicles deep), Administrative Offices, Living Quarters with 6-Person Crew accommodations, Exercise Room, Turnout Areas, Decontamination Areas, and Fueling Area.

- **Winters Fire Station No. 26**
  New Two-Story Joint Police (+/-10,413 square feet) and Fire (±18,141 square feet) Facility (+/-33,458 square feet total). Fire Station includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's Quarters, Training/EOC Room, Exercise Room, Turnout Areas, Decontamination Areas, and Training Grounds, with Drafting Pit.



Section 5. Project Management

A process as long and complex as a Building Project requires close Project Management to be a success.

In the course of a building project, there are two stages of *Cost Control* and *Quality Control* : during the Design Phase, in terms of Coordination of Documents, Cost Estimates, and Value Engineering; and during the Construction Phase, in terms of Partnering.

Construction Administration is the resultant of the effort put into *Cost Control* and *Quality Control*.

1. **Coordination of Documents**

   There are a myriad of items and concerns to be remembered and implemented during the Design Phase of a building project. There will be items which are forgotten, overlooked, and/or not thought of, by all parties. It is the Architect's charge, as Design Team Leader, to harness these items, and, through the breadth of their own experience and knowledge, establish a system of coordination amongst all Consultants and User Groups.

   Calpo Hom & Dong Architects (CH&D) recognizes the importance of early coordination to avoid construction problems and User frustrations. By scheduling Design Meetings, with the Consultants and Users, all members are involved with the Design Process, and information can become readily available and reinforced.

   CH&D utilizes in-house peer reviews of projects through all phases, by qualified personnel unfamiliar with the project, to provide an in-depth and unbiased coordination review of the design and accuracy and completeness of the documents.

2. **Cost Estimates**

   CH&D recognizes the importance of determining and controlling project costs early in the process. A Cost Estimate is performed at the end of each Design Phase, as both a check and a status review of the project costs. Cost Estimates early in the project will establish any trends which may jeopardize the project from a cost standpoint; early Estimates will establish what work can be done within a given budget, and allow the project to be designed properly. Cost Estimates generally are rough (square footage/unit costs) in the early phases of a project, and become more detailed as more information and decisions for the project are made. **CH&D** uses both in-house estimating expertise, as well as a Professional Estimator, to establish our estimates.

3. **Value Engineering**

   Value Engineering is viewed as a positive reinforcement of the Design Process; checking and reviewing all decisions to ascertain that the best solution has been reached. Value Engineering is used to review all aspects of a Design, from finishes and materials, to framing systems and mechanical units.

   CH&D implements Value Engineering with our Consultants and Users on an on-going basis, always questioning if the item is the best solution. Value Engineering is a subject of every Design Meeting as positive reinforcement.

4. Partnering

CH&D recognizes the value and importance of being allies with the Contractor and Owner during the Construction of the project. As simple as it may sound, often this is an overlooked fact; but by partnering, and recognizing each other's contributions and needs and requirements, the enthusiasm grows for wanting to do one's best work.

CH&D recognizes that "time is money", and we take a pro-active position in dealing with the questions and needs that the Contractor may have; the Contractor's questions, Requests for Information, and Submittals, take a high priority for responses, to ensure no delays to the project. By willing to work with the Contractor, their attitude is mutual, and all sides, including the Owner, benefits.

5. Construction Administration

From the Architect's standpoint, cooperation and response are the key points in a successful project. It is imperative that the Architect understand that the Contractor is an *ally*, and not a roadblock! It is also important that the Architect realize that it is the Contractor, not the Architect, who is going to physically construct the facility, and it behooves the Architect to work with the Contractor.

CH&D has found our most successful projects, from an aesthetic, civic/community, craftsmanship, and profit, are those projects which entailed true partnering with the Contractor. This involves a knowledge of the project; an understanding of the Contractor's concerns; an understanding of the Owners' requirements, quick and appropriate response to questions, and cooperative solutions.

- **CH&D** maintains a Shop Drawing Log, with constant updating, to provide both the Contractor and the Owner consistent records of the progress of submittals. Submittals are logged in, reviewed, and returned within one week; very complex submittals (eg, Complex Steel Framing Plans) will take no longer than two weeks.
- **CH&D** schedules regularly-held Construction Meetings, to update all parties on project progress, concerns, and schedule.
- **CH&D** responds to all Architectural RFI's within 24 hours; RFI's requiring Consultant review will take 48 hours. This is part of our commitment to cooperate with the Contractor, and to understand the value and importance of the crew's time.
- **CH&D** provides on-going assistance in interpretation of Construction Drawings, including Site visitation and Observation, and open dialogue with the General Contractor.

Percentage of Change Orders issued per project are generally in the range of 3% - 5% of construction costs. **Calpo Hom & Dong Architects** views the costs of Change Orders in a twofold manner.

- Change Orders resulting from Clarification of the Construction Documents, minor Owner Requested Design Changes, minor Contractor Requested Design Changes, and minor Unforeseen Conditions are considered part of the Project Process, and Design costs are not charged.
- Change Orders resulting from significant Owner Requested Design Changes, significant Contractor Requested Design Changes, and significant Unforeseen Conditions are considered as Additional Services, and Design costs are negotiable.

Section 6. Fee Schedule

The Consultant Fee for the **CH&D** Team is based on the Scope of Work defined in the Request For Proposal, issued on November 21, 2016, from the El Dorado Hills Fire Department, and assumptions as noted in this proposal.

This Cost Proposal is **confidential**, and is for the **El Dorado Hills Fire Department** to review for this project *only*. We appreciate your professional treatment of this matter.

The following items are noted as items not included in the Fee Schedule :

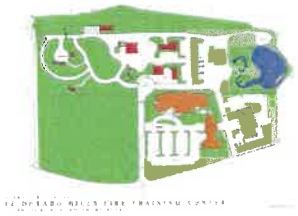
1. Costs for Permits and Agency Approvals.
2. Environmental Analyses, Flood Plain Studies, Hydraulic Analyses.
3. Off-Site ROW Improvements.
4. Off-Site Improvements (assume all utilities are adjacent to property).
5. Construction Staking (specified to be provided by General Contractor).
6. Professional Renderings and/or Models.
7. Topographic Survey.
8. Geotechnical Report
9. CEQA compliance.
10. Toxic Waste Reports

El Dorado Hills Fire Training Center – Phase 1 Cost Proposal Summary

Phase	SubTotal	%
Master Planning	**$ 33,120**	**13.3%**
Schematic Design	**$ 28,600**	**11.5%**
Design Development	**$ 57,520**	**23.1%**
Construction Documents	**$ 83,440**	**33.6%**
Bidding	**$ 9,760**	**3.9%**
Construction Administration	**$ 36,360**	**14.6%**
DESIGN FEE	**$ 248,400**	**100%**
Reimbursable Allowance	**$ 5,000**	

El Dorado Hills Fire Station

Phase 1



Master Planning

Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	16.00	185.00	2,960.00	
Project Manager	40.00	145.00	5,800.00	
Architect/Specification Writer	0.00	135.00	0.00	
Technician	40.00	105.00	4,200.00	
Clerical	8.00	75.00	600.00	
				13,560.00
Perlman Architects (Training Center Consultant)				
Principal Structural Engineer	40.00	185.00	7,400.00	
Project Engineer	40.00	135.00	5,400.00	
Technician	24.00	105.00	2,520.00	
Clerical	8.00	75.00	600.00	
				15,920.00
Warren Consulting (Civil)				
Principal Civil Engineer	8.00	185.00	1,480.00	
Project Engineer	16.00	135.00	2,160.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				3,640.00
Principal Engineer	0.00	185.00	0.00	
Project Engineer	0.00	135.00	0.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				0.00
Principal Engineer	0.00	185.00	0.00	
Project Engineer	0.00	135.00	0.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				0.00
Principal Engineer	0.00	185.00	0.00	
Project Engineer	0.00	135.00	0.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				0.00
Principal Engineer	0.00	185.00	0.00	
				0.00
MASTER PLANNING TOTAL				**33,120.00**

El Dorado Hills Fire Station

Phase 1

Schematic Design

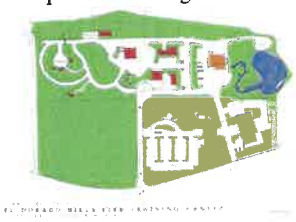
Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	16.00	185.00	2,960.00	
Project Manager	16.00	145.00	2,320.00	
Architect/Specification Writer	4.00	135.00	540.00	
Technician	40.00	105.00	4,200.00	
Clerical	8.00	75.00	600.00	
				10,620.00
Bevier Structural Engineers (Structural)				
Principal Structural Engineer	4.00	185.00	740.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				2,960.00
Sigma Engineering (Mechanical)				
Principal Mechanical Engineer	4.00	185.00	740.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				2,960.00
Capitol City Design (Electrical				
Principal Electrical Engineer	4.00	185.00	740.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				2,960.00
Warren Consulting (Civil)				
Principal Civil Engineer	8.00	185.00	1,480.00	
Project Engineer	16.00	135.00	2,160.00	
Technician	16.00	105.00	1,680.00	
Clerical	4.00	75.00	300.00	
				5,620.00
Yamasaki Landscape Architecture				
Principal Landscape Architect	4.00	185.00	740.00	
Project Landscape Architect	4.00	135.00	540.00	
Technician	4.00	105.00	420.00	
Clerical	4.00	75.00	300.00	
				2,000.00
Bleckmann Construction Estimating				
Principal Cost Estimator	8.00	185.00	1,480.00	
				1,480.00
SCHEMATIC DESIGN TOTAL				**28,600.00**

El Dorado Hills Fire Station

Phase 1

Design Development

Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	24.00	185.00	4,440.00	
Project Manager	40.00	145.00	5,800.00	
Architect/Specification Writer	8.00	135.00	1,080.00	
Technician	40.00	105.00	4,200.00	
Clerical	8.00	75.00	600.00	
				16,120.00
Bevier Structural Engineers (Structural)				
Principal Structural Engineer	8.00	185.00	1,480.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	16.00	105.00	1,680.00	
Clerical	4.00	75.00	300.00	
				6,700.00
Sigma Engineering (Mechanical)				
Principal Mechanical Engineer	8.00	185.00	1,480.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	16.00	105.00	1,680.00	
Clerical	4.00	75.00	300.00	
				6,700.00
Capitol City Design (Electrical				
Principal Electrical Engineer	8.00	185.00	1,480.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	16.00	105.00	1,680.00	
Clerical	4.00	75.00	300.00	
				6,700.00
Warren Consulting (Civil)				
Principal Civil Engineer	24.00	185.00	4,440.00	
Project Engineer	40.00	135.00	5,400.00	
Technician	40.00	105.00	4,200.00	
Clerical	8.00	75.00	600.00	
				14,640.00
Yamasaki Landscape Architecture				
Principal Landscape Architect	8.00	185.00	1,480.00	
Project Landscape Architect	8.00	135.00	1,080.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				3,700.00
Bleckmann Construction Estimating				
Principal Cost Estimator	16.00	185.00	2,960.00	
				2,960.00
DESIGN DEVELOPMENT TOTAL				**57,520.00**



El Dorado Hills Fire Station

Phase 1

Construction Documentation

Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	24.00	185.00	4,440.00	
Project Manager	40.00	145.00	5,800.00	
Architect/Specification Writer	24.00	135.00	3,240.00	
Technician	80.00	105.00	8,400.00	
Clerical	16.00	75.00	1,200.00	
				23,080.00
Bevier Structural Engineers (Structural)				
Principal Structural Engineer	16.00	185.00	2,960.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	40.00	105.00	4,200.00	
Clerical	4.00	75.00	300.00	
				10,700.00
Sigma Engineering (Mechanical)				
Principal Mechanical Engineer	16.00	185.00	2,960.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	40.00	105.00	4,200.00	
Clerical	4.00	75.00	300.00	
				10,700.00
Capitol City Design (Electrical				
Principal Electrical Engineer	16.00	185.00	2,960.00	
Project Engineer	24.00	135.00	3,240.00	
Technician	40.00	105.00	4,200.00	
Clerical	4.00	75.00	300.00	
				10,700.00
Warren Consulting (Civil)				
Principal Civil Engineer	24.00	185.00	4,440.00	
Project Engineer	40.00	135.00	5,400.00	
Technician	80.00	105.00	8,400.00	
Clerical	8.00	75.00	600.00	
				18,840.00
Yamasaki Landscape Architecture				
Principal Landscape Architect	8.00	185.00	1,480.00	
Project Landscape Architect	16.00	135.00	2,160.00	
Technician	24.00	105.00	2,520.00	
Clerical	4.00	75.00	300.00	
				6,460.00
Bleckmann Construction Estimating				
Principal Cost Estimator	16.00	185.00	2,960.00	
				2,960.00
CONSTRUCTION DOCUMENTATION TOTAL				**83,440.00**

El Dorado Hills Fire Station

Phase 1

Bidding

Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	0.00	185.00	0.00	
Project Manager	16.00	145.00	2,320.00	
Architect/Specification Writer	0.00	135.00	0.00	
Technician	8.00	105.00	840.00	
Clerical	8.00	75.00	600.00	
				3,760.00
Bevier Structural Engineers (Structural)				
Principal Structural Engineer	0.00	185.00	0.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				1,080.00
Sigma Engineering (Mechanical)				
Principal Mechanical Engineer	0.00	185.00	0.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				1,080.00
Capitol City Design (Electrical				
Principal Electrical Engineer	0.00	185.00	0.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				1,080.00
Warren Consulting (Civil)				
Principal Civil Engineer	0.00	185.00	0.00	
Project Engineer	8.00	135.00	1,080.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				2,220.00
Yamasaki Landscape Architecture				
Principal Landscape Architect	0.00	185.00	0.00	
Project Landscape Architect	4.00	135.00	540.00	
Technician	0.00	105.00	0.00	
Clerical	0.00	75.00	0.00	
				540.00
Bleckmann Construction Estimating				
Principal Cost Estimator	0.00	185.00	0.00	
				0.00
BIDDING TOTAL				**9,760.00**

El Dorado Hills Fire Station

Phase 1

Construction Administration

Consultant	Hours	Rate	Subtotal	Total
Calpo Hom & Dong Architects				
Principal Architect	16.00	185.00	2,960.00	
Project Manager	40.00	145.00	5,800.00	
Architect/Specification Writer	8.00	135.00	1,080.00	
Technician	24.00	105.00	2,520.00	
Clerical	8.00	75.00	600.00	
				12,960.00
Bevier Structural Engineers (Structural)				
Principal Structural Engineer	4.00	185.00	740.00	
Project Engineer	16.00	135.00	2,160.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				4,040.00
Sigma Engineering (Mechanical)				
Principal Mechanical Engineer	4.00	185.00	740.00	
Project Engineer	16.00	135.00	2,160.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				4,040.00
Capitol City Design (Electrical				
Principal Electrical Engineer	4.00	185.00	740.00	
Project Engineer	16.00	135.00	2,160.00	
Technician	8.00	105.00	840.00	
Clerical	4.00	75.00	300.00	
				4,040.00
Warren Consulting (Civil)				
Principal Civil Engineer	8.00	185.00	1,480.00	
Project Engineer	40.00	135.00	5,400.00	
Technician	16.00	105.00	1,680.00	
Clerical	8.00	75.00	600.00	
				9,160.00
Yamasaki Landscape Architecture				
Principal Landscape Architect	4.00	185.00	740.00	
Project Landscape Architect	8.00	135.00	1,080.00	
Technician	0.00	105.00	0.00	
Clerical	4.00	75.00	300.00	
				2,120.00
Bleckmann Construction Estimating				
Principal Cost Estimator	0.00	185.00	0.00	
				0.00

CONSTRUCTION ADMINISTRATION TOTAL **36,360.00**

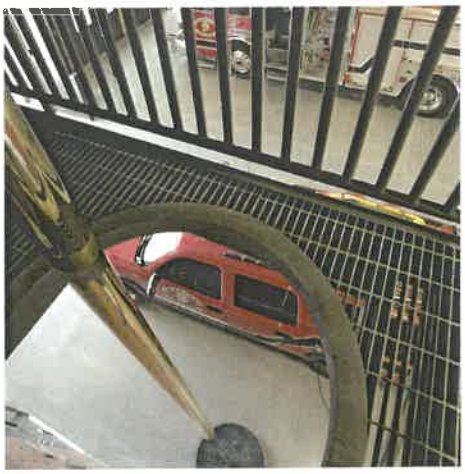
Section 7. Appendix

Perlman Architects of Arizona

- Firm Profile
- Training Center Experience
- Resumes

Calpo Hom & Dong Architects

- Detailed Experience Sheets with References
- Insurance Certificate



Perlman
Architects of Arizona

PUBLIC SAFETY

"In the fire service it is imperative to always work as a team. From the very start of our projects it was obvious that Ken Powers and his group has the same philosophy and included us and the contractor, working together, to arrive at a final design. This inclusion and teamwork enabled us to come up with a beautiful building design that is functional and cost effective."

Dick McBlane, Retired Battalion Chief
Chandler Fire Department

About Perlman

Perlman Architects is a diverse architectural firm with a Public Safety Division that has earned a reputation for quality, cost effective design and service throughout the Western United States. With a litany of public project types including fire stations, training facilities, emergency operation centers, memorials, administration, and shared police facilities, Perlman can effectively meet any public safety needs a client may have.

Our goal is to provide quality designs that balance function, cost, and aesthetics while creating an environment that enhances the quality of life for those it serves. We implement sustainable practices that support a greener earth, healthy indoor environment, and maximize our clients' return on investment. It is also our goal to make the entire process with our clients an enjoyable journey. From the first meetings through final building sign-off, we take care of the needs of our clients by investing time to understand their operational needs and requirements. We view our fiscal responsibilities as important as our design responsibilities, stressing open communication and fostering quality service untouched by most firms.

Perlman has the abilities required to deliver any public safety project on-time, on-budget and with the sustainable, functional and aesthetic characteristics necessary for an essential building in the 21st century.

Simply stated, we will do whatever it takes to make you successful. We are your dedicated partner committed to excellence!

Awards

Apache Junction Fire Station No. 265 | Apache Junction, Arizona
- 2012 Station Style Satellite Station Notable Award

Buckeye Valley Fire Station | Buckeye, Arizona
- 2015 USGBC Heavy Medal
- 2014 FireHouse Career Gold Award
- 2011 Light Commercial 2nd Runner Up, ICF Builder Magazine
- 2011 Station Style Award

Buckeye 3-Bay Prototypes | Buckeye, Arizona
- 2009 FIERO Award

Buckeye Fire House No. 3 | Buckeye, Arizona
- 2012 Station Style Career Gold Award

Chandler Fire Admin. HQ | Chandler, Arizona
- 2010 Station Style Award
- 2010 City of Chandler Architectural Excellence Award
- 2009 FIERO Award

Chandler Fire Training Academy Expansion Phase II | Chandler, Arizona
- 2006 City of Chandler Architectural Excellence Award
- 2007 Station Style Renovation Award
- 2007 FIERO Award

El Centro Fire Station No. 2 | El Centro, California
- 2009 FIERO Award
- 2013 Station Style Award

Mesa Fire Station No. 218 | Mesa, Arizona
- 2011 APWA Public Works Project of the Year ($5 Mil or Less)
- 2010 Station Style Award

Mesa Fire Station No. 219 | Mesa, Arizona
- 2012 Station Style Satellite Station Notable Award

Northern Lakes Fire District F.S. No. 2 | Rathdrum, Idaho
- 2012 FIERO Merit Award (Fire Station Design Consultant to Architects West)

Northwest Fire District Training Facility | Marana, Arizona
- 2012 Station Style Training Facility "Bronze Award"

Phoenix Fire Station No. 55 | Phoenix, Arizona
- 2009 FIERO Award

Pinetop Fire Station No. 110 | Pinetop, Arizona
- 2009 FIERO Award
- 2009 Station Style Career Gold Award

Richland Fire Station No. 74 | Richland, Washington
- 2015 FIERO Award

Surprise Fire Station No. 302 | Surprise, Arizona
- 2008 FIERO Award
- 2007 Station Style Renovation Award

Surprise Fire Station No. 305 | Surprise, Arizona
- 2008 FIERO Award

Surprise Fire Station No. 306 | Surprise, Arizona
- 2007 Station Style Award

Surprise Fire Station No. 307 | Surprise, Arizona
- 2009 FIERO Award
- 2009 Station Style Award

Yuma Fire Station No. 1 | Yuma, Arizona
- 2013 Station Style Satellite Gold Award
- 2007 FIERO Award

New Stations and Prototypes

Perlman has designed award-winning fire stations and developed prototype plans for a number of municipalities throughout the Southwest. With attention to detail, in-depth programming, contextual design, and progressive station layouts, Perlman is able to conform its designs to each unique fire department/districts needs. In addition, we have helped develop design standards and fire station guidelines for multiple agencies throughout Arizona. Perlman also assists colleague firms in a fire station design consultant capacity.

- Apache Junction Fire Station No. 265
- Buckeye Fire House No. 3
- Buckeye Fire House 3-bay Prototype
- Buckeye Fire House 4-bay Prototype
- Buckeye Valley Fire Station No. 326
- Chandler Fire Station No. 9 (design consultant)
- El Centro Fire Station and Admin Building
- Florence Fire Station No. 2
- Goodyear Village 10 Public Safety Facility
- Maricopa Fire Station No. 572
- Mesa Fire Station No. 203
- Mesa Fire Station No. 218
- Mesa Fire Station No. 219
- North Las Vegas Fire Station No. 55
- Northern Lakes Fire Station No. 2 (design consultant)
- Phoenix Fire Station No. 55
- Pinetop Fire Station No. 110
- Queen Creek Fire Station No. 411 and 413
- Richland Fire Station No. 74 (design consultant)
- Scottsdale Fire Station No. 609
- Scottsdale Fire Station No. 615
- Sierra Vista Fire Station No. 3 (design consultant)
- Surprise Fire Station No. 305
- Surprise Fire Station No. 306
- Surprise Fire Station No. 307
- Yuma Fire Station No. 1

Administrative / Training Facilities

Perlman has the expertise and inhouse workforce to design complex administrative buildings housing multiple public safety components, emergency operation centers, and police and fire training facilities.

Projects often require extensive programming, master planning, and phasing efforts - these are Perlman's key focus areas. The team works with vendors ranging from open office furniture to burn buildings and props- and has been decorated for its efforts from agencies as varied as Masonry Guilds, F.I.E.R.O., and Station Style Magazine.

- Buckeye Sundance Municipal Complex (Fire Admin)
- Chandler Fire Administration Headquarters
- Chandler Fire Training Center Expansion II
- Chandler Fire Training Center Expansion III
- El Centro Fire Station and Admin Building
- Gilbert Fire Training Academy Master Plan
- Goodyear Village 10 Public Safety Facility
- NWFD Central Service Fire Training Campus Phase I, II, and Master Plan
- Pinetop FS No. 1 & Administration
- Queen Creek Fire and Police Public Safety Masterplan
- Scottsdale Police/Fire Training Academy Expansion
- Sun City Fire Admin Building Remodel
- Sun City West Training Facility / FS Master Plan

"By embracing team work and collaboration, Perlman provided unique solutions and the best value for the clients. The designs were not only practical and efficient, but attractive and stimulating.

An owner would be very well served by selecting Perlman as their design professional. We are eager to find opportunities to work with them in the future."

Todd Steffen,
Director of PreConstruction Services
CORE Construction

Remodels / Expansions

Whether you need to repurpose an existing structure to house your fire administration, or add a wing to a station to accommodate additional dorms, Perlman has you covered.

The team is experienced with working on tight sites which need expanded facilities. The team is also experienced with upgrading systems, ada compliance, and managing the changing male/female ratio dilemma in older stations.

Look to Perlman for a simple face lift or major overhaul to your existing facilities.

- Chandler Fire Station No. 283 Expansion
- Chandler Fire Training Center Expansion II
- Chandler Fire Training Center Expansion III
- Phoenix Fire Stations No. 8, 17, 22, 31, 39, 48 Remodels
- Pinetop Fire Station No. 2
- Scottsdale Police/Fire Training Academy Exp
- Surprise Fire Station No. 302 Remodel
- Sun City Fire Station No. 131 Renovation
- Sun City Fire Admin Building Remodel
- Sun City West Fire Station No. 102
- Sun City West Fire Station No. 103
- Timber Mesa Fire Station No. 17

"Of all the firms I have worked with, Perlman exhibits the most integrity, expertise, and attention to detail.

[Perlman's] dedication to customer service and meeting budgetary and schedule deadlines extends not only to their clients, but also to us as a Contractor and our sub-contractors… their experience in their field will ensure success on every project they undertake for many years to come."

Kevin Benson,
Founder, Integrity Building Corp.

"In the fire service it is imperative to always work as a team. From the very start of our projects it was obvious that Ken Powers and his group has the same philosophy and included us and the contractor, working together, to arrive at a final design. This inclusion and teamwork enabled us to come up with a beautiful building design that is functional and cost effective."

Dick McBlane, Retired Battalion Chief
Chandler Fire Department

Sustainable and LEED

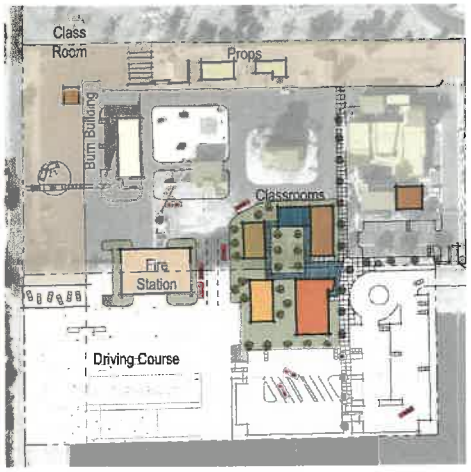
Successful sustainable projects are a product of careful planning early in the design stage through thoughtful site selection and building orientation. That level of care is carried on during the design phases through the use of natural daylighting techniques, energy efficient building envelopes (SIPS, ICF, etc), sustainable materials, high performing systems (MP&E), etc. The end result are projects that live and breathe while norturing better living and working environments which result in enhanced quality of life. Perlman Architects is well versed in sustainable design and maintains an office of over 50% LEED Accredited Professionals. Perlman designed the first LEED certified public safety projects for both the City of Chandler and the City of Mesa, Arizona. In addition, the first LEED projects for Buckeye Fire Department and Buckeye Valley Fire Departments. With a number of public and private green-oriented projects embedded in the firm's portfolio, Perlman has the in-house expertise to meet any client's sustainable goals.

- Apache Junction Fire Station No. 265
- Buckeye Fire House 3-bay Prototype
- Buckeye Fire House 4-bay Prototype
- Buckeye Valley Fire Station No. 326
- Chandler Fire Administration Headquarters
- El Centro Fire Station and Admin Building
- Mesa Fire Station No. 218
- Mesa Fire Station No. 219
- Phoenix Fire Station No. 55
- Pinetop Fire Station No. 110
- Richland Fire Station No. 74
- Surprise Fire Station No. 305
- Surprise Fire Station No. 306
- Surprise Fire Station No. 307
- Sun City Fire Station No. 131 Renovation
- Sun City Fire Admin Building Remodel
- Verrado Fire House No. 3
- Yuma Fire Station No. 1

Owner:
City of Chandler Fire Department

Chandler Fire Training Center Expansion II

The three building expansion encompassed classroom space, tactical training and simulation room, offices, and physical fitness and subsidiary spaces. Building placement and outdoor circulation create a campus environment sensitive to surrounding structures and operations. The ability to utilize the campus circulation paths outdoors as floor space in these areas provides greater flexibility and function as well. Pair with this the classroom spaces that include retractable partition walls to divide the space, and you have a Training Center that can grow with the Fire Department and adapt to the needs on a daily basis.



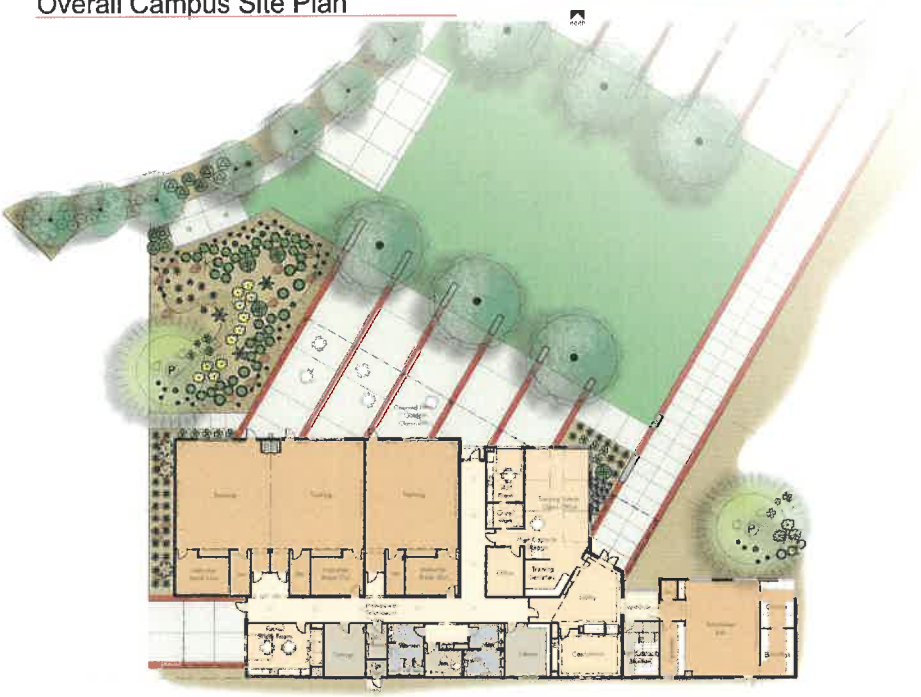
Owner:
City of Chandler Fire Department

Chandler Fire Training Center Expansion III

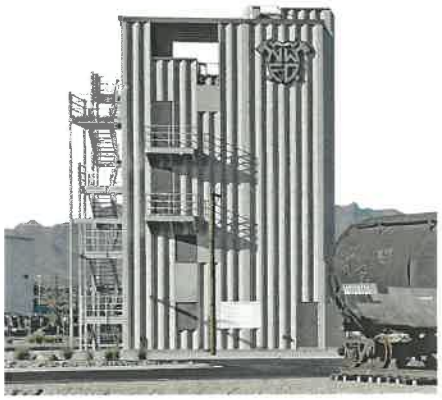
Phase III included a Master Plan for a future classroom core, an apparatus building with simulated fire station, small outdoor classrooms, and a Class 'A', 3-story burn building, and various ground mounted training props. The Class 'A' burn building is nearing completion and the training props will begin construction in 2017.

Fire Training Facility and Master Planning

Overall Campus Site Plan



Classroom & Training Administration Building



Owner:
Northwest Fire District

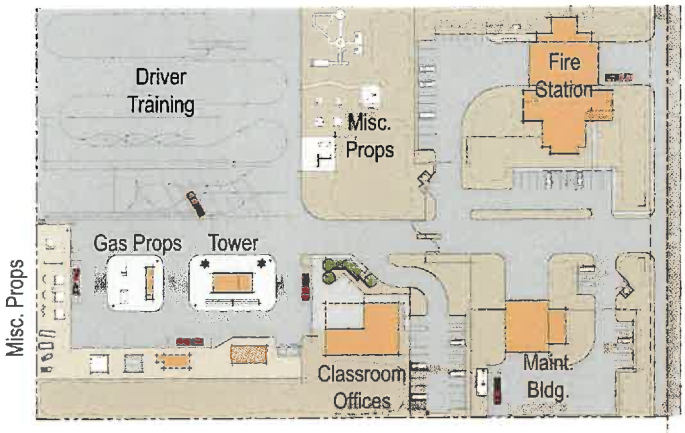
Northwest Fire District Central Services Campus

After nearly a decade of planning, Northwest Fire District recently opened their new training facility located in Marana, Arizona. The project sits on 12.59 acre site and was designed to accommodate new recruit training, Northwest Fire District and outside agency ongoing education / training. It includes Training Division administration and classrooms, simulated fire station / classroom building, satellite classroom / lab, 2-story mutli-scenario Class 'A' Burn Building, 5-story Training Tower, misc. propane source site burn props, misc. confined space and forced entry props, auto extrication, drafting pit, and a multi-use central courtyard and memorial space. The project was also masterplanned to include future burn props / buildings, auditorium and cafeteria, and centralized fire department administration building.

Fire Training Facility and Master Planning

Scottsdale Police and Fire Training Academy Phase II

Perlman Architects designed the latest expansion to the Scottsdale Police and Fire Training Center. The client wanted to have a seamless transition from the old and newly expanded portions. We accomplished this by matching existing materials and relocating the existing steel patio structures to new places according to the floor plan. The expanded space includes an assembly room, classrooms, and men's' and women's locker facilities.



Sun City West Fire Training Master Plan

Perlman Architects developed a master plan for a multi-use facility consisting of a maintainance building, fire station, and training center. The training center included a driver training pad, multi-story training tower, flashover chamber, exterior satellite classroom, classroom office building, and miscellaneous site props including forced entry, confined space, roof vent props, and auto extrication. The Master Planning process helped the Fire Department establish long term funding goals and shaped the future outlook of their training operations.

Gilbert Fire Training Academy Master Plan

Perlman Architects worked in conjunction with the Town of Gilbert and the Interact Group to develop a master plan for training facilities including basic training props and a burn tower. The master plan exercise was to assess the needs of the user group and establish funding criteria.

Chinle Combined Public Safety Training Facility Master Plan

This project was developed as a design competition entrant which consisted of master planning for Fire, Police, SWAT, Tactical Rescue, and other entities and was intended to serve the Navajo Nation in Chinle, Arizona. The project includes classrooms, tactical labs, cafeteria, fire station, multiple buildings with several different training elements (Class 'A', Class 'B', SWAT, etc.). A driving course for high speed chase scenarios surrounds a skid pad and desert rescue course. At the south end of the site a K-9 training facility and a shooting range with multiple distances completes the project.

Kenneth Powers, RA, LEED AP

As Principal of the Phoenix office, Ken has over 31 years experience in Public Safety and Commercial Architecture. Mr. Powers' involvement in both public and private sector projects across the Western United States has enabled him to become intimately familiar with diverse Fire Department / Municipal requirements and expectations. A mutual trust and respect has been built between Mr. Powers and many other Municipalities/ Departments/Districts, which has been essential in producing successful projects and working relationships.

ABOUT KEN

Title:
Principal

Primary Responsibilities:
Architect of Record
Master Planning
Programming, Design,
& Executive Oversight

Length of Time with Perlman:
17 years

Education:
Arizona State University
Bachelor of Architecture

Graduate of the University of Maryland Burn Building Design & Construction Symposium

Ride-Along and Burn Tower Training

Regular Participant at Fire-Rescue International, FIERO, Station Style Conferences.

Fire Chief's and FIREHOUSE Magazine Station Style Design Awards Judge

Credentials:
Licensed Architect
LEED Accredited Professional

Registrations and Affiliations:
Arizona #25759
AFDA, AFCA
ICSC, ICC
NFPA
HBACA
LEED AP
USGBC

RELEVANT EXPERIENCE

Northwest Fire District Central Services Fire Training Campus Phase 1, 2, & Masterplan

Chandler Fire Training Center Expansion Phase II, III, & Masterplan

Sun City West Fire Training / FS 104 Master Plan

Scottsdale Police & Fire Training Facility Expansion

Chandler Fire Administration Headquarters

Gilbert Conceptual Fire Training Facility Masterplan

Apache Junction Fire Station No. 265

Buckeye Valley Fire Station No. 326

Buckeye Fire House No. 3

Buckeye 3 & 4 Bay Prototype Stations

Chandler Fire Station No. 283 Expansion

El Centro Fire Station and Administration Building

Florence Fire Station No. 2

Goodyear Village 10 Public Safety Building

Maricopa Fire Station No. 572

Mesa Fire Station No. 218, 219 & 203

North Las Vegas Fire Station No. 55

Northern Lakes Fire Station No. 2; Specialty Design Consultant

Pinetop Fire Station No. 1

Richland Fire Station No. 74; Specialty Design Consultant

Scottsdale Fire Station No. 609 & 615

Surprise Fire Station No. 302 Remodel, 305, 306, 307

Sun City Fire Station No. 131 Renovation
Sun City Fire Administration Building Remodel

Sun City West Fire Station No. 102 & 103 Remodel

Queen Creek Fire Stations No. 411 & 413

Yuma Fire Station No. 1

***Under Separate Tenure**
Chandler Fire Training Center - Phase I

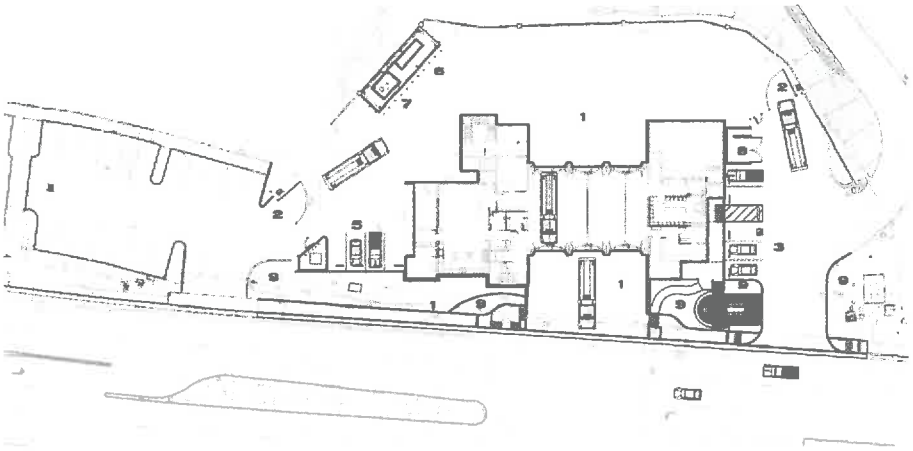
Henderson NV Fire Station No. 92 & Training Facility

Phoenix South Training Facility Expansion

Phoenix Fire Station No. 41 & North Training Facility

Scottsdale Police & Fire Training Facility Phase I

C H
calpo hom & dong
ARCHITECTS
& D



SITE LEGEND

1 CONCRETE APRON
2 SECURITY GATE
3 PUBLIC PARKING
4 PATIO
5 STAFF PARKING
6 GENERATOR
7 FUEL TANK
8 TRASH ENCLOSURE
9 LANDSCAPING

SITE PLAN

Fire Station Experience

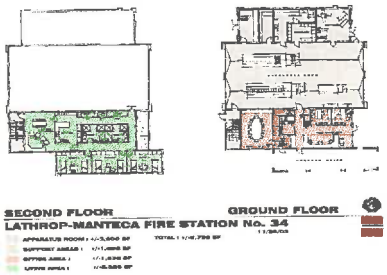
- **West Sacramento Fire Station No. 45**
  - West Sacramento Fire Department
    - Contact : Frederick Postel, Fire Chief (Retired)
      Randy Goodwin, City Building Official, 916-617-4660/
      randyg@cityofwestsacramento.org
      2040 Lake Washington Boulevard, West Sacramento, California 95605

    - Planning and design of new Two-Story Fire Station (±27,000 square feet). Facility includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's and Duty Chief's Quarters, Community/Training Room, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and City Police Service Center. Masonry and Wood Frame construction.

Project:	**West Sacramento Fire Station No. 45**
Location:	2040 Lake Washington Boulevard, West Sacramento, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	City of West Sacramento
Owner's Designee:	• Randy Goodwin, City Building Official 1110 West Capitol Avenue West Sacramento, California 95691 / 916-617-4660
Design Services Time:	8 Months
Construction Status:	Complete – July, 2007
Cost Estimate:	$8,100,000.00
Bid Cost:	$6,928,798.00 - 2006
No. of Change Orders:	Not disclosed
Cost of Change Orders:	$674,908.00 (9.7%) : On-Site : $118,304.00 (1.7%) Off-Site : $482,747.00 (7.0%) Building : $ 73,857.00 (1.1%)
Prime Contractor:	Allen L. Bender, Inc., West Sacramento (NLIB)
Contractor Project Manager:	Joel Gallion / 916-372-2190

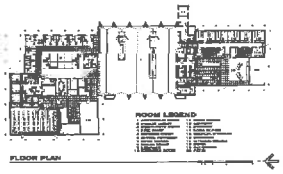
- **Lathrop-Manteca Fire Station No. 34**
  - Lathrop-Manteca Fire Protection District
    - Contact : Gene Neely, Fire Chief (Ret), 209-858-2331 x384 / g.neely@lmfd.org
      800 East "J" Street, Lathrop, California 95330
    - Planning and design of new Two-Story Fire Station (±10,000 square feet). Facility includes Apparatus Bays (3 x 2 vehicles deep), Living Quarters with 9-Person Crew accommodations, Training Room, Exercise Room, Equipment Turnout Room, and Office Area. All Masonry construction.

Project:	**Lathrop-Manteca Fire Station No. 34**
Location:	460 River Islands Parkway, Lathrop, CA
Primary firm:	Calpo Hom & Dong Architects
Owner:	Lathrop-Manteca Fire Protection District
Owner's Designee:	Jim Monty, Fire Chief
Design Services Time:	6 Months
Construction Status:	Construction completed - February, 2006
Construction Time:	10 Months;
Cost Estimate:	$2,700,000.00
Bid Cost:	$2,585,000.00 - 2005
No. of Change Orders:	Not Disclosed
Cost of Change Orders:	$59,327.31 (2.3%)
Prime Contractor:	BRCO Constructors, Loomis, CA
Contractor Project Manager:	Steve Scharf / 916-416-4032



- **El Dorado Hills Fire Station No. 85**
  - El Dorado Hills Fire Department
    - Contact : Fred Russell, Division Chief (Ret), 530-306-1617
      /fdcconsultants@gmail.com
      Larry Fry, Fire Chief (Ret), 916-933-6623
      1050 Wilson Boulevard, El Dorado Hills, California 95762

    - Planning and design of New Administrative HQ Fire Station (±25,000 sf) , replacing Fire Station No. 1. Facility includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's Quarters, Community/Training Room, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and 40 foot-high Hose Drying Tower. All Masonry construction.



Project:	**El Dorado Hills Fire Station No. 85**
Location:	1050 Wilson Boulevard, El Dorado Hills, CA
Primary firm:	Calpo Hom & Dong Architects
Owner:	El Dorado Hills Fire Department
Owner's Designee:	Fred Russell, Division Chief (Retired)
Design Services Time:	8 Months
Construction Status:	Construction completed - February, 2005
Construction Time:	8 Months, completed on-schedule
Cost Estimate:	$5,000,000.00
Bid Cost:	$4,663,000.00 - 2003
No. of Change Orders:	Not Disclosed
Cost of Change Orders:	$125,474.26 (2.7%)
Prime Contractor:	ZCON Builders, Roseville, CA
Contractor Project Manager:	Larry Leedy / 916-786-8003

- **Ceres Fire Station No. 1**
  - Ceres Fire Department
    - Contact : Dan Davis, Fire Chief (Retired)
      Bryan Nicholes, Deputy Chief, 209-538-5704 / bgnicholes@ci.ceres.ca.us
      2727 Third Street, Ceres, California 95307

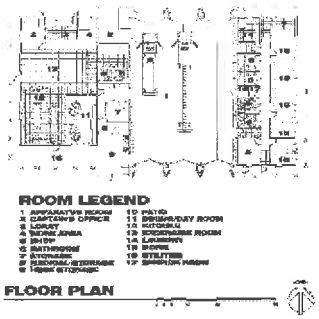
- Planning and design of new Two-Story Fire Station (±15,000 sf); includes Apparatus Bays (3 x 2 vehicles deep plus one), Living Quarters with 8-Person Crew accommodations, Captain's Quarters, Exercise Room, Community Room, Equipment Turnout Room, Administrative Headquarters, and SCBA Facility. The Two-Story Design will replace the existing outgrown Fire Station, and is designed to enhance the streetscape for Downtown Ceres. Wood Frame construction.

Project:	**City of Ceres Fire Station No. 1**
Location:	2755 Third Street, Ceres, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	City of Ceres
Owner's Designee:	• Joe Hollstein, DPW 2220 Magnolia Street Ceres, California 95307 / 209-538-5789 • Rick Darnley, Harris & Associates, CM 6435 N. Palm Avenue, Suite 106 Fresno, California 93704 / 559-244-4614
Design Services Time:	4 Months
Construction Status:	Construction completed - March, 2003
Construction Time:	8 Months, completed on-schedule
Cost Estimate:	$2,400,000.00
Bid Cost:	$2,097,754.00 - 2002
No. of Change Orders:	20
Cost of Change Orders:	$90,353.00 (4.3%)
Prime Contractor:	J.L. Bray & Son, Salida
Contractor Project Manager:	Ken Dye (now with Allen L. Bender) / 916-372-2190

- **El Dorado Hills Fire Station No. 87**
  - El Dorado Hills Fire Department
    - Contact : Fred Russell, Division Chief (Ret), 530-306-1617
      /fdcconsultants@gmail.com
      Larry Fry, Fire Chief (Ret), 916-933-6623
      1050 Wilson Boulevard, El Dorado Hills, California 95762

    - Planning and design of new One-Story Fire Station (±13,119 square feet). Facility includes Apparatus Bays (3 x 2 vehicles deep), Captains' Offices, Living Quarters with 10-Person Crew accommodations, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and Mezzanine Storage. All Masonry construction.

Project:	**El Dorado Hills Fire Station No. 87**
Location:	4680 Golden Foothills Parkway, El Dorado Hills, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	El Dorado Hills Fire Department
Owner's Designee:	• Fred Russell, Division Chief (Retired) / 530-306-1617 Brian Veerkamp, Fire Chief 1050 Wilson Boulevard El Dorado Hills, California 95762 / 916-933-662
Design Services Time:	5 Months
Construction Status:	Construction completed - January, 2008
Construction Time:	8 Months, completed on-schedule
Cost Estimate:	$4,804,174.00
Bid Cost:	$3,599,631.00 ($275/sf) - 2007
No. of Change Orders:	Not Disclosed
Cost of Change Orders:	[$9,432.00] (-0.3%)
Prime Contractor:	Allen L. Bender, Inc., West Sacramento (NLIB)
Contractor Project Manager:	Marshall Hendon / 916-372-2190



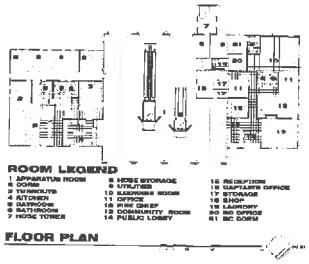
- **Lincoln Fire Station No. 33**
  - City of Lincoln Fire Department
    - Contact : Michael Davis, Fire Chief, 916-645-4040 / mdavis@ci.lincoln.ca.us
      126 Joiner Parkway, Lincoln, California 95648

    - Planning and design of new Two-Story Fire Station (±12,572 square feet). Facility includes Apparatus Bays (2 x 2 vehicles deep; 1 x 1 vehicle deep), Captains' Office, Conference Room, Living Quarters with 10-Person Crew accommodations, Battalion Chief's Office and Quarters, Exercise Room, Equipment Turnout Areas, and Decontamination Areas. Wood Frame construction.

Project:	**City of Lincoln Fire Station No. 33**
Location:	17 McBean Park Drive, Lincoln, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	City of Lincoln
Owner's Designee:	• Mike Davis, Operations Chief 126 Joiner Parkway Lincoln, California 95648 / 916-645-4040 • Jim Warren, Vali Cooper, Construction Manager 41 Washington Avenue Point Richmond, California 94801 / 415-652-7255
Design Services Time:	6 Months
Construction Status:	Construction completed - January, 2008
Construction Time:	12 Months, completed on-schedule
Cost Estimate:	$3,960,000.00
Bid Cost:	$3,211,705.00 ($256/sf) - 2006
No. of Change Orders:	Not disclosed
Cost of Change Orders:	$658,990.00 (20.5%) :
	Site Remediation :$233,128.00 (7.3%)
	Unforeseen : $110,036.00 (3.4%)
	Owner: $286,606.00 (8.9%)
	Design : $ 29,220.00 (0.9%)
Prime Contractor:	ZCON Builders, Roseville
Contractor Project Manager:	Larry Leedy / 916-786-8003

- **Lincoln Fire Station No. 34**
  - City of Lincoln Fire Department
    - Contact : Michael Davis, Fire Chief, 916-645-4040 / mdavis@ci.lincoln.ca.us
      126 Joiner Parkway, Lincoln, California 95648

    - Planning and design of new One-Story Fire Station (±13,730 square feet). Facility includes Apparatus Bays (3 x 2 vehicles deep; 1 x 1 vehicle deep), Department Administration Offices, Training Room, Living Quarters with 10-Person Crew accommodations, Battalion Chief's Office and Quarters, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and Hose / Training Tower. Site included a 20,000 gallon underground Drafting Pit. Wood Frame construction; all Masonry Hose Tower.



Project:	**City of Lincoln Fire Station No. 34**
Location:	126 Joiner Parkway, Lincoln, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	City of Lincoln
Owner's Designee:	• Mike Davis, Operations Chief 126 Joiner Parkway Lincoln, California 95648 / 916-645-4040 • Jim Warren, Vali Cooper, Construction Manager 41 Washington Avenue Point Richmond, California 94801 / 415-652-7255
Design Services Time:	8 Months
Construction Status:	Construction completed - October, 2007
Construction Time:	12 Months, completed on-schedule
Cost Estimate:	$4,462,000.00
Bid Cost:	$4,102,339.00 ($299/sf) - 2006
No. of Change Orders:	Not disclosed
Cost of Change Orders:	$248,838.00 (6.1%) : Unforeseen : $ 26,034.00 (0.6%) Owner: $117,829.00 (2.9%) Design : $104,975.00 (2.6%)
Prime Contractor:	ZCON Builders, Roseville
Contractor Project Manager:	Larry Leedy / 916-786-8003

- **El Dorado Hills Fire Station No. 86**
  - El Dorado Hills Fire Department
    - Contact : Fred Russell, Division Chief (Ret), 530-306-1617 /fdcconsultants@gmail.com
      Larry Fry, Fire Chief (Ret), 916-933-6623
      1050 Wilson Boulevard, El Dorado Hills, California 95762

    - Planning and design of new One-Story Fire Station (±9,909 square feet). Facility includes Apparatus Bays (2 x 2 vehicles deep; 1 x 1 vehicle deep), Captains' Offices, Community Room, Living Quarters with 8-Person Crew accommodations, Exercise Room, Equipment Turnout Areas, Decontamination Areas, Mezzanine Storage, and Hose Tower. All Masonry construction.

Project:	**El Dorado Hills Fire Station No. 86**
Location:	3670 Bass Lake Road, El Dorado Hills, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	El Dorado Hills Fire Department
Owner's Designee:	• Fred Russell, Division Chief (Retired) / 530-306-1617 Brian Veerkamp, Fire Chief 1050 Wilson Boulevard El Dorado Hills, California 95762 / 916-933-662
Design Services Time:	6 Months
Construction Status:	Construction completed - March, 2001
Construction Time:	8 Months, completed on-schedule
Cost Estimate:	Not Available
Bid Cost:	Not Available
No. of Change Orders:	Not Available
Cost of Change Orders:	Not Available
Prime Contractor:	Cal-Ram Construction, West Sacramento
Contractor Project Manager:	Jim Repace / 916-372-1610

- **Winters Police-Fire Facility**
  - City of Winters Public Safety Department
    - Contact : Scott Dozier, Fire Chief, 530-745-4131 / Scott.Dozier@WintersFire.org
      Fire Station No. 26, 700 Main Street, Winters, California 95694

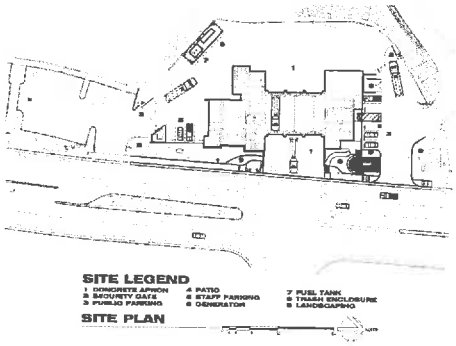
    - Planning and design of new Two-Story Joint Police (+/-10,413 square feet) and Fire (±18,141 square feet) Facility (+/-33,458 square feet total).
      Fire Station includes Apparatus Bays (4 x 2 vehicles deep), Administrative Offices, Living Quarters with 12-Person Crew accommodations, Captain's Quarters, Training/EOC Room, Exercise Room, Equipment Turnout Areas, Decontamination Areas, and Training Grounds, with Drafting Pit and Training Tower. Pre-Engineered Metal Building and Wood Frame construction.

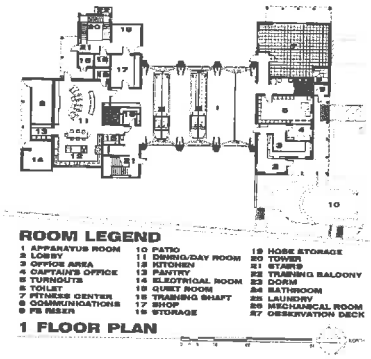
Project:	**Winters Police-Fire Facility**
Location:	West Main Street and Grant Avenue Winters, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	City of Winters
Owner's Designee:	• Scott Dozier, Fire Chief (Deceased) Fire Station No. 26, 700 Main Street Winters, California 95694 / 530-745-4131 • Bruce Muramoto, Police Chief (Ret) 702 Main Street Winters, California 95694 / 530 681-2867
Design Services Time:	8 months
Construction Status:	Construction completed - October, 2011
Construction Time:	24 Months
Cost Budget:	$8,000,000.00
Bid Cost:	$6,366,000.00 ($156/sf) - 2009
No. of Change Orders:	141
Cost of Change Orders:	$576,016.00
Prime Contractor:	Bobo Construction, Elk Grove, California
Contractor Project Manager:	Chris Baker / 916-685-2285

- **El Dorado Hills Fire Station No. 84**
  - El Dorado Hills Fire Department
    - Contact : Ben Cowles, Engineer Paramedic, 916-933-6623 / bcowles@edhfire.com
      1050 Wilson Boulevard, El Dorado Hills, California 95762

    - Planning and design of new Two-Story Fire Station (±10,600 square feet). Facility includes Apparatus Bays (3 x 1 vehicles deep), Administrative Offices, Living Quarters with 6-Person Crew accommodations, Exercise Room, Equipment Turnout Areas, Decontamination Areas, Training/Hose Tower, and Fueling Area.
      Masonry and Wood Frame construction.

Project:	**El Dorado Hills Fire Station No. 84**
Location:	2180 Francisco Drive El Dorado Hills, California
Primary firm:	Calpo Hom & Dong Architects
Owner:	El Dorado Hills Fire Department
Owner's Designee:	• Ben Cowles, Engineer Paramedic 1050 Wilson Boulevard El Dorado Hills, California 95762 / 916-933-6623
Design Services Time:	12 months
Project Status:	Construction complete
Cost Estimate:	$3,800,000.00 - 2014
Bid Cost:	$4,933,400.00 ($465/sf) - 2014
No. of Change Orders:	Not Disclosed
Cost of Change Orders:	Not Disclosed
Prime Contractor:	S.W. Allen Construction
Contractor Project Manager:	Stephen Allen 916.344.2098





Client#: 523 CALPOHOMD

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 12/06/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Dealey, Renton & Associates
P. O. Box 12675
Oakland, CA 94604-2675
510 465-3090

CONTACT NAME: Nancy Ferrick
PHONE (A/C, No, Ext): 510 465-3090 FAX (A/C, No): 510 452-2193
E-MAIL ADDRESS: nferrick@dealeyrenton.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Hartford Casualty Insurance Co.	29424
INSURER B : Hartford Accident & Indemnity	22357
INSURER C : Navigators Insurance Company	42307
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Calpo Hom & Dong Architects, Inc.
2120 20th Street, Suite One
Sacramento, CA 95818

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE / X OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY / X PRO-JECT / LOC OTHER:	X	X	57SBWNH3924	05/23/2016	05/23/2017	EACH OCCURRENCE	$2,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	$1,000,000
							MED EXP (Any one person)	$10,000
							PERSONAL & ADV INJURY	$2,000,000
							GENERAL AGGREGATE	$4,000,000
							PRODUCTS - COMP/OP AGG	$4,000,000
								$
A	AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS / SCHEDULED AUTOS X HIRED AUTOS / X NON-OWNED AUTOS	X	X	57SBWNH3924	05/23/2016	05/23/2017	COMBINED SINGLE LIMIT (Ea accident)	$2,000,000
							BODILY INJURY (Per person)	$
							BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB / X OCCUR EXCESS LIAB / CLAIMS-MADE DED / RETENTION $			57SBWNH3924	05/23/2016	05/23/2017	EACH OCCURRENCE	$3,000,000
							AGGREGATE	$3,000,000
								$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N: N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A	X	57WEGKZ9509	07/01/2016	07/01/2017	X PER STATUTE / OTH-ER	
							E.L. EACH ACCIDENT	$1,000,000
							E.L. DISEASE - EA EMPLOYEE	$1,000,000
							E.L. DISEASE - POLICY LIMIT	$1,000,000
C	Professional Liability			CM16DPL036563IV	06/27/2016	06/27/2017	$2,000,000 per Claim $2,000,000 Annl Aggr.	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
30 Days Notice of Cancellation (10 Days for Non-Payment of Premium).
General Liability excludes claims arising out of the performance of professional services.
Re: El Dorado Training Center RFP, Fee Proposal - Building Projects

CERTIFICATE HOLDER
El Dorado Hills Fire Department
1050 Wilson Blvd.
El Dorado Hills, CA 95762

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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