



PACIFIC ARCHITECTURE AND ENGINEERING, INC.
415 DIAMOND ST., REDONDO BEACH CA 90277
(310)405-3878
WWW.PACIFIC-AE.COM

RECEIVED
City of Rancho Palos Verdes

JUN 15 2015

PUBLIC WORKS DEPARTMENT

Proposal For
ON-CALL CONSULTING SERVICES
Statement of Qualifications
for the
City of Rancho Palos Verdes

June 15, 2016



PACIFIC ARCHITECTURE AND ENGINEERING, INC.

25307 MALIBU RD., MALIBU, CA 90265

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June 15, 2015

LETTER OF TRANSMITTAL

To Whom It May Concern:

Pacific Architecture and Engineering is pleased to present you this Proposal for On-Call Services, Statement of Qualifications for the City of Rancho Palos Verdes. **We specialize in all discipline Public Works Engineering Services for small to medium projects.** We provide Architecture, Structural Engineering, Civil Engineering, Landscape Architecture, Mechanical, Electrical, Plumbing, Environmental, Surveying, and others. Our current clients include City of Redondo Beach, City of El Segundo, and the City of Carlsbad. We have experience working with Master Agreements for City of Carson, Los Angeles World Airports, Los Angeles County Parks and Recreation, and California National Guard. Not only does our team have proven experience, we also have the leadership and experience to manage the effort in order to deliver a successful project.

Please note that each of our key personnel - from leadership through the entire team has the related experience and proven expertise. We fully understand and believe in the commitment to deliver your projects on time and on budget, and also meet the requirements of the stakeholders. We expect to work hand in hand with City Staff and Stakeholders to meet the expectations of the projects.

Please do not hesitate to contact me directly at jun@pacific-ae.com or (310) 405-3878 if you have any questions or require additional information. We thank you for this opportunity and look forward to working with the City Of Rancho Palos Verdes.

Sincerely,

Jun Fujita Hall, AIA, LEED AP, BE+C
Principal

Table of Contents

1. Firm Information and List of Services
2. Firm Experience
3. Summary of Services and Core Team
4. References
5. Rate Schedule



Firm Information

Pacific Architecture and Engineering, Inc., provides Architecture and Engineering Services throughout Southern California specializing in small to medium projects for Public Works Engineering Projects. Our repeat clients and business is based on our focus on client satisfaction and successful project delivery is our top priority.

We have experience working with small and large scale municipal projects, we currently work out of the City of Redondo Beach. Not only does our team has proven experience, we also have the leadership experience to lead the effort, in order to deliver a successful project.

We have assembled a team of expert professionals and highly qualified specialty consultants to work closely with City Staff and stakeholders. Please note that each of our key personnel - from leadership through the entire team possesses experience and proven expertise.

We provide the following Services:

Project Management including Program Management and Contract Management

Architecture

Mechanical Electrical Plumbing

Structural Engineering

Landscape Architecture

Civil Engineering including Site work and Road

Traffic

Survey

Geotechnical Services

Construction Management

Environmental Services

Planning

LEED and other Sustainable Solutions

Cost Estimating

Plan Check Services/Peer Review/QAQC

Waterproofing

Interiors

Outreach

Visual Simulations

Building Assessments

CEQA Historic Assessments

Phase I Environmental Site Assessment Report(ESA)

Firm Experience

Pacific Architecture and Engineering, Inc., provides Architecture and Engineering Services throughout Southern California. Our repeat clients and business is based on our focus on achieving client goals and successful project delivery. Please note that each of our key personnel - from leadership through the



entire team possesses experience and proven expertise. We have experience working with small and large scale municipal projects, and we work out of the City of Redondo Beach.

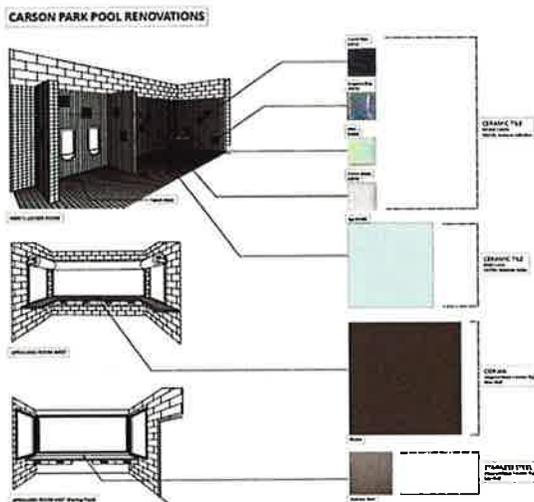
We specialize in municipal projects in Southern California. Pacific Architecture and Engineering, Inc. Current Awarded Projects include:

- **City of Redondo Beach** - \$5M Redondo Beach Transit Center, \$300K City of Redondo Beach Anderson Park and Perry Park Renovations to Senior Centers
- **City of Carlsbad** - \$300K Fleet Maintenance Bridging Documents, \$3.5M Safety Center Concept Design
- **City of El Segundo** - \$45K Fire Circle Park Improvements

Jun Fujita Hall, AIA, LEED AP BD+C, would be the Project Manager and Architect, and has extensive experience as main point of contact for Master agreements. She has been the main point of contact and/or architectural lead for the Master Agreement for Los Angeles County Parks and Recreation, San Diego Airport, Los Angeles World Airports, Los Angeles County Fire Department, City of Carson, California National Guard, and San Francisco International Airport. Below are Ms Fujita Hall's past projects that that we believe will be similar in scope most of which are tasks from Master Agreements.

City of Carson – Carson Park Pool ADA Upgrades and Renovation

The project began with a building assessment, the building was not ADA compliant and required extensive reconfiguration of the building. Project Manager Jun Fujita Hall, AIA, LEED AP BD + C managed all disciplines including Architecture and MEP. The finishes were selected and design drawings were created for Stakeholder approval. ADA upgrades included modifying restroom configuration, shower configuration, adjusting grades. Other interior improvements included renovation of the lifeguard area to include new cabinets, countertops, and gates. *Renderings and Material Finish Board, City of Carson, Carson Park Pool ADA Upgrades and Renovation:*



City of Carson, Juanita Millender-McDonald Community Center - Senior Computer Center

The project was to renovate rooms in the Community Center to create a Senior Computer Center.

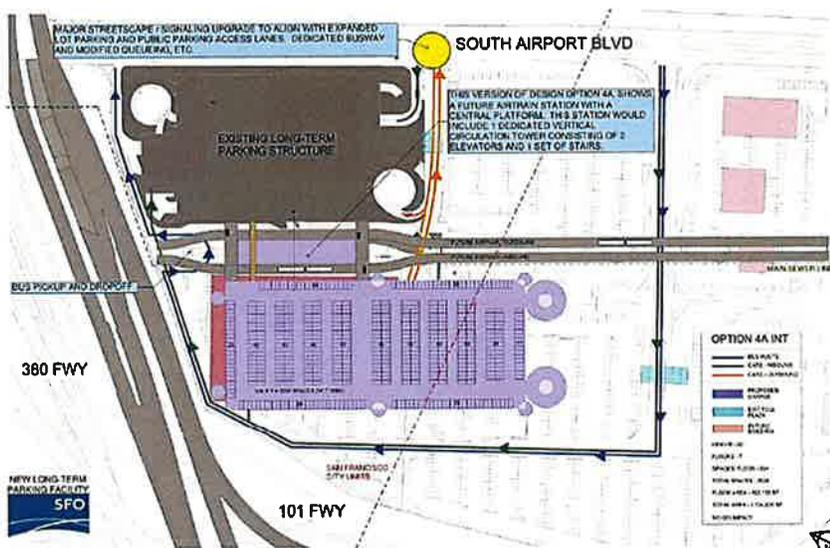
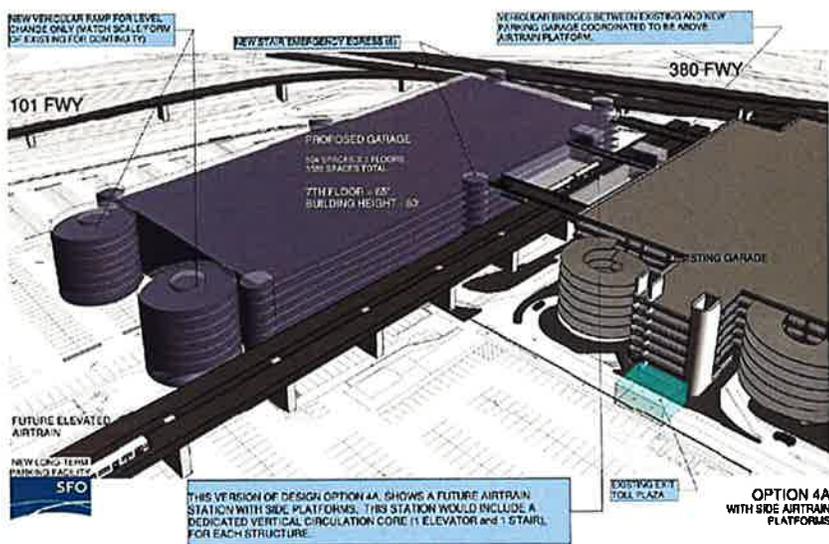


Upgrades included a new sink and kitchenette that resembles a café with tables for computers. Presentations such as a 3 dimensional rendering of the project as well as color and material boards were prepared so that City staff may visualize the project design. The project was completed through construction. Space Planning included layout of furniture, equipment to current ADA code.

Traffic Analysis, Parking Layout, Parking Structure Concept and Bridging Documents for \$15M San Francisco Airport Long Term Parking

San Francisco Airport required a new Long Term Parking Structure with 3000 spaces as the existing structure did not have enough capacity. Ms Fujita Hall led over 10 groups of stakeholder groups in developing the design. Project Manager Jun Fujita Hall, AIA, LEED AP BD + C managed all disciplines including Architecture Structural, Landscape, Cost Estimating, and Traffic. Traffic Analysis was performed for buses, pedestrians and vehicles.

3-Dimensional Exhibit and traffic analysis for the stakeholder workshops:



Redondo Beach Transit Center LEED Silver

The Redondo Beach Transit Center is an intermodal transit center funded in part by Metro and FTA. Jun Fujita Hall, AIA, LEED AP BD+C was both the Architect of Record and Project Manager and managed the all discipline team including Architecture, Civil, Traffic, Mechanical, Electrical, Plumbing, Structural, Landscape, Cost Estimating, and LEED Documentation through building department approval. The project also included street widening, new striping for a new right hand turn lane, new bike lane, new signals and new signage. Pacific Architecture and Engineering is currently contracted to manage the project through construction through 2017. The project has a detention basin that infiltrates excess water that was a specific design requirement due to the flooding of the street. The project required coordination with various stakeholders including Public Works, Redondo Beach Police Department, and IT.

Rendering of Redondo Beach Transit Center(Designer: Jun Fujita Hall, AIA, LEED AP)



City of Carlsbad Las Palmas Building Bridging Documents

The Las Palmas building was slated to be leased to a vocational school. The program was to replace the roofing membrane, some mechanical units, replace damaged caulking and seals. Ms Fujita Hall was the Project Manager and coordinated all disciplines involved including Mechanical, Structural, Cost Estimating, and Waterproofing consultant. Basis of Design, Schematic Plans and Specifications were created, along with a cost estimate.



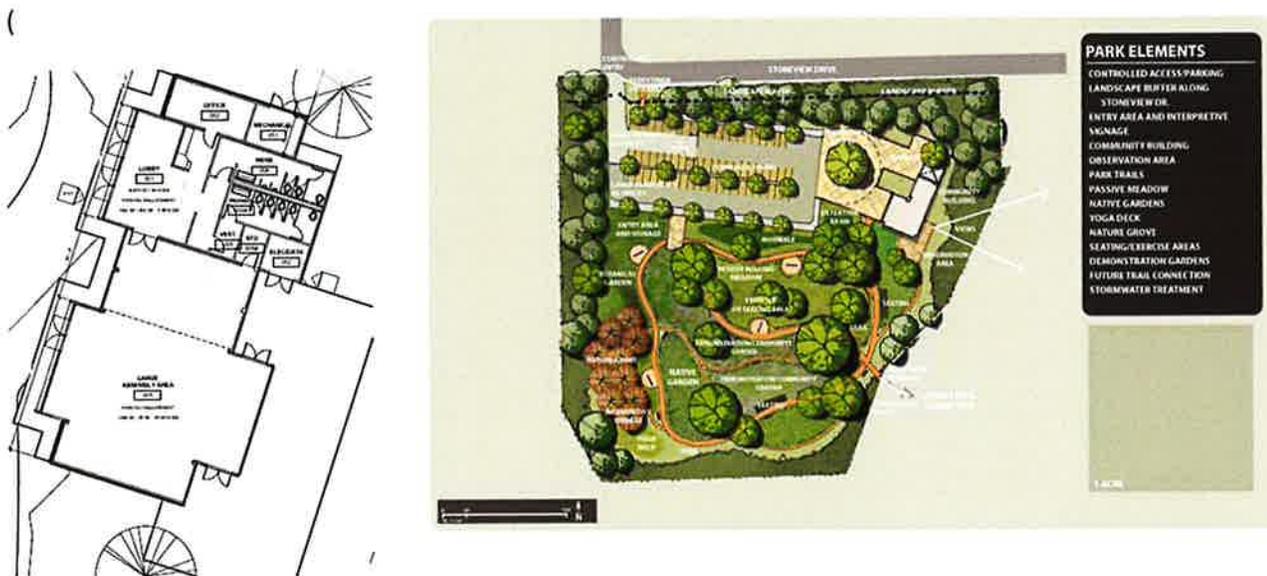
County of Los Angeles, Parks and Recreation – Stoneview Park

Stoneview Park Design included a design for a new park and new community center. Community Center included a Kitchen, Meeting rooms, and Restrooms, and Offices. Jun Fujita Hall, AIA LEED AP BD+C was the Designer and Project Manager for this Master Agreement Task and managed all disciplines. There were multiple stakeholder meetings and workshops with both County Staff and Community Members. Sketches and lists were produced from input from these meetings. The Site Plan was also developed with parking and other park amenities.

Stoneview Park Concept Design Rendering(Designer Jun Fujita Hall, AIA LEED AP BD+C):



Stoneview Park Concept Design Plan:



Summary of Services

Architecture

Our Design is especially skilled in bridging the gap between stakeholder input, program requirements, and site constraints, budget and schedule. We are excellent verbal and visual communicators, in that we are able to draw information effectively from stakeholders, and as skilled designers, we are able to create the appropriate visual material to show how stakeholder expectations and requirements are integrated into the design.

We understand that collaboration and open communication is key to the success of the project

The Project Manager will be in constant contact with the City Project Manager, as well as face to face meeting. We have found that going over the stakeholder meeting agenda prior to stakeholder workshops are informative to review with the City Project Manager who is familiar with the stakeholder and previous discussions. We are committed to open communication throughout the process for the delivery of a successful project.

The first questions we will ask are:

Is there any programming information?

Are goals for the project established?

Does the scope align with the programming?

Does the budget align with the scope?

In some cases the programming information is not complete or is outdated and requires updating prior to commencement of plans. In other cases the programming information is complete or the project is small in scale and the Team may move forward with further developing plans and specifications.

Program Verification

The Team will review the City's program, previous reports, scope, needs, budget, and time table, as well as meet with Stakeholders, and verify the Team's Cost Estimating Team, as a conceptual level cost estimate. This will also include stakeholder workshops to further develop the program and Project objectives. This cost estimate will continue to be used as a design tool, and will be referenced during the development of the design. The Cost Estimate that is generated will be compared to prior cost estimates, and the Team will present a written report that shows unit costs used to determine the final price, and will show if the costs are within budget. Some of the tasks are:

- Site Visit
- Kick off meeting
- Discussion with Stakeholder
- Review previous reports, current scope, needs budget, schedule
- Review for adequate square footage
- Communicate with Stakeholders



- Stakeholder Workshop
- Present recommendations for other revisions to scope if necessary
- Cost Estimate
- Feasibility Report
- Sustainability requirements, if any
- Equipment and requirements
- Verify Adjacencies

Coordination and Management of Other Disciplines

Our project management team has extensive experience managing all disciplines for small and large complex projects. Identifying major issues early on is key to the success of the project, such as making sure that all existing conditions are properly documented and coordinated with the project. Our Project Management Team has worked on projects large and small to manage all disciplines involved on a project.

There are some very specific key issues that require particular attention in the Design, depending on the use of the project, specific equipment, depending on the type may require special installation, special conduits, or additional structural support that may affect the design of the systems within the building. Specific uses, may also trigger Air Quality Management issues, in uses such as a paint booth. As such, the Team will identify special cases and reflect those issues in design criteria or in the drawings.

Facilitation for Project and Site Information Gathering

If necessary the Architectural team can manage and make sure that the site information is completed with other disciplines to collect site specific information such as the survey, utility information, geotechnical, environmental teams for survey and analysis required for site information if required. Such information might be:

- Plot of Record Utility
- Survey
- Geotechnical report
- ESA Phase I
- Geotechnical Analysis
- CEQA Documents

Program Validation to Construction Documents

Stakeholder Workshops

After the program is verified, space adjacencies are mapped via bubble diagrams and are signed off by stakeholders. Concept plans may also be created with furniture layout to be reviewed by stakeholders. We are experienced in managing workshops as needed, including workshops with the public as we have with many public park designs through our experience. We are extremely proficient in drawing the line between functionality and feasibility.



Examples of points of development are:

- Design Criteria including path of travel of pedestrian and vehicular traffic
- Outline and detailed specifications
- Assist with Schedules
- Milestone Dates
- Phasing Plans
- Review Special Conditions to the construction package
- Research of City zoning, setback, and parking requirements.
- Preliminary check of ADA grade rates compliance.
- Research and summarize for bid phase the entitlements process anticipated for this site development.
- Develop a schedule as to civil design and entitlements processing schedule.

Design and Aesthetics

We are able to create visual exhibits so that Stakeholders may visualize color and design scheme. This has been a helpful tool in developing the design in workshops.

Documents, Details, Code Compliance

In the case that complete Construction Documents are required, Concept, Schematic, Design Development and Construction Documents will be prepared. We are well versed in the current codes particularly ADA to provide for required egress and clearances. We have an experienced waterproofing consultant that will also allow us to provide for the best possible waterproofing solutions.

Coordination

Again, there are some key issues that require particular attention depending on the project and if there is a specific use. Special Equipment, depending on the type may require special installation, special conduits, or additional structural support that may affect the design of the systems within the building. Specific uses, may also trigger Air Quality Management issues, in uses such as a paint booth. As such, the Team will identify special cases and reflect those issues in design criteria or in the drawings. Examples of drawings we may create are the following:

- Plans
- Elevations
- Section
- Furniture Schedule & Plan
- Equipment Schedule & Plan
- Specifications or Outline Specifications, selected sections may be more prescriptive
- Design Criteria – Specific uses repeated throughout may require a design criteria package that may be applied to similar uses throughout.
- Analysis path of travel and separation of spaces
- Proposed Phasing Plan, if the facility is to remain operational
- The building footprint will be finalized prior to Civil grading and stormwater design work.



Design Administration Services: Bid and Construction Support

Pacific Architecture and Engineering, Inc., is available to assist during construction to insure that the Design Intent is being met. The Bridging team may answer RFIs and Submittals as required, and also provide field observations.

- RFI
- ASI
- Submittal Review
- Attend Construction Meetings
- Field Observation
- Assist in evaluating Construction Bid
- Assist in evaluating Design Build Proposals

The Team is available to provide design support during construction, such as presenting alternate solutions during construction, as well as expediting of revisions to the design during construction if required. This may be for specific coordination issues or unforeseen circumstances.

Construction support includes bidders prescreening, attendance at pre-construction meeting, respond to RFIs, submittal review and design intent compliance, attend construction meetings, assist the city in review of shop drawings, samples, and other samples, conduct inspections, review "As-Built" drawings, written guarantees, Operations and Maintenance manuals and related documents, and provide close out support.

Project Management

Cost Controls

As the design evolves, the Design Team will work hand in hand with the Cost Estimating Team to insure that the revisions are within budget. A final cost estimate will be generated to show variances from the previous Cost Estimate.

Budget

Our inhouse Cost Estimating Team will work hand in hand with the Design Team to keep the cost of the project in check. First, the City's cost estimate will be verified during Program Verification after the Program has been updated, and a final schematic level Cost Estimate will also be generated to verify the Bridging Documents to be within budget, there will also be an interim cost estimate to determine that the further defined design items are within budget. We use cost estimating as a tool so that added scope can be kept within budget.

Project Schedule

Develop Project Schedule jointly with the City, which will include City review time, meetings, and milestone dates.



Meetings

Meetings are key to the design process, so that lines of communication are open between the City, Stakeholders and the Design Team for a successful project.

Schedule

The Team will prepare a schedule for Bridging Documents for City review and approval.

Multiple Tasks

The Project Manager has experience as the point of contact for the client and manager for many on-call contracts, including San Diego Airport, Los Angeles World Airports, Los Angeles County, National Guard, and Air Force, which had multiple tasks at the same time. We have architects and other resources that are not full time that are able to assist if necessary. Inhouse work plans schedule out staff time accordingly per project. Pacific Architecture and Engineering, Inc. may also add resources as necessary if needed.

Quality Control

If the project is produced in Revit we typically run clash detection, which will show us conflicts such as pipes and conduits running into beams. Pacific Architecture and Engineering, Inc. has a rigorous Quality Control Plan. We particularly check items that are high value change order items during construction such as structural and maintenance items such as waterproofing. Our Quality Control Program has a checklist program as well as a peer review process that is built into the schedule. Our QC program includes a double check of some of these items:

- Coordination of the structural grid between Architectural and Structural
- Coordination of building openings
- Clash Detection in Navisworks
- Peer review
- Consistency of Background drawing
- Coordination with Geotechnical Report
- Coordination between Specification and Drawings
- Square footages correlate to program
- Construction type detailed
- Sprinkler requirements stated
- Fire Separation detailed

An excel spreadsheet is created so that coordination items remain on the list until completed and checked off, and we have a checklist for each phase of the project, and the checklist becomes more detailed as the project is more developed. For Example during Design Development and Construction Documents more detailed items are on the checklist to make sure that the drawing adequately detail the project:



- Occupancy types and floor areas shown
- Dimension strings land on structural grid
- Screening of rooftop equipment
- ADA clearances shown
- UL listings shown

Mechanical, Electrical and Plumbing

We provide innovative design solutions in heating, ventilating, air conditioning systems, electrical, plumbing and fire protection systems. In addition, we offer building evaluation, system diagnostics, feasibility studies and lease consultation. We assist our clients in all phases of a project from consulting and design to construction and postoccupancy survey. Our multi-disciplinary integrated approach enables our clients to rely on us as a single source for a multitude of projects. Our industry experience includes but is not limited to the following:

- Public Transit
- Libraries, Museums, Public Assembly
- Civic Buildings
- Education
- Central Utility Plants
- New/Retrofit Office Buildings
- Critical Facilities/Data Centers
- Street Improvement

We employ current sustainable design strategies such as:

- Passive Cooling
- Solar Photo-voltaic Technologies
- High Performance Energy Systems
- Digital Lighting Control Technology

Structural

Structural Engineering for wood, concrete, steel, masonry precast and post tensioned

- Structural Design to resist Seismic and Wind forces
- Performance based Design to resist Seismic Forces
- Structural Preservation of Historic Building
- Seismic Retrofit of Commercial and Office Buildings
- Renovation and upgrade of buildings
- Peer review to check the structural efficiency and project cost reduction
- Value Engineering to provide competent project bids
- Building Information Modeling
- Structural Design for Architectural Facades



Landscape

- Hardscape Design
- Planting Design
- Irrigation Design
- Lighting Design

The Landscape team provides hardscape elements of the project. This will include the design of decorative ground plane aesthetics, raised planters, seat walls. This task will also include the selection of appropriate site furnishings in keeping with the overall design theme of the project. Tree placement, shrub massings, and groundcover plantings. A plant palette will be developed irrigation plans indicating location of point of connection, main line and valves. An irrigation schedule will be prepared specifying recommended manufacturers. This document will be used to coordinate with the other proposed utility improvements associated with the project. Specify location and manufacturer of each fixture type and recommended transformer locations. A lighting schedule will be developed specifying the type and quantity of each fixture along with any special lens or bulb patterns.

Civil

- Research and Plot of Record Utilities
- Grading and Utilities Plan
- Water Quality Evaluation and Design
- Traffic, Street Widening, Signal, Striping Design, Signage

Site research

Site research includes preparation of document delineating the record location of known wet utilities within the project work area. Utility sizes and locations will be researched for sewer, water, and storm drains, and an electronic file of the horizontal location, type, and size of the utilities will be developed. This task will include wet utilities and storm drains of record; and those dry utility locations (telephone, gas, electric, and CATV) that can be input from record data obtained from the respective utilities.

Preparation of Grading, Utility Design, Stormwater Management Plan

The plan will indicate contour grading and slopes floor elevations, and limited spot elevations. Drainage scheme will typical show pickup and conveyance of drainage, if any, from offsite areas and treatment and infiltration of runoff prior to discharge to the public storm drain system or to offsite. The Stormwater Management Plan will address the water quality and hydromodification requirements for the project based on current water quality regulations and will include: sizes of Best Management Practices (BMPs). The sizes will be determined early to ensure that enough space is set aside for selected BMP's and that they are incorporated into the design at the earliest stages. A Stormwater Management Plan (SWMP) will also be prepared.

Due to recent stringent water quality regulations established by the Regional Water Quality Control Board, we will evaluate hydromodification needs and establish a size and location of an anticipated



bioretention basin and a stormwater management plan will be prepared, if required. The Stormwater Management Plan will address the water quality and hydromodification requirements for the project based on current water quality regulations.

Survey

The Survey Team(subconsultant) is committed to staying informed of all industry regulatory requirements, allowing us to better consult our clients in determining their exact needs for bringing their projects to successful completion. We offer a number of expert professional services to a variety of industries.

ALTA Services:

- Topographic mapping
- ALTA/ACSM land title surveys
- Boundary Surveys
- Subdivision Mapping & Planning
- Lot Line Adjustments
- Certificates of Compliance
- Site Walks
- Topographic Surveys (including roof survey)
- Tower Mapping (with 3D Laser Scanning Service)
- Title report analysis

Telecom Survey Services:

- 1-A / 2-C FAA Certifications
- As Built Surveys
- Construction Staking
- Cell Site Certification (Antenna Orientation) &
- Geodetic Control
- Lease Area Legal Descriptions & Exhibits
- Record Boundary Mapping

Environmental Survey Services:

- GeoTracker Reporting
- Location Staking (Monitoring Wells, Soil Boring Locations)
- Earth quantity calculation
- Topographic surveys
- Construction Survey Services:
- Construction staking
- Mapping
- As Built

The Survey Team utilizes High Definition Surveying(HDS), otherwise known as 3D laser scanning, as part of our professional surveying service portfolio. The HDS system works by creating a3D point cloud of data and is extremely useful for applications within the engineering, transportation and architectural industries including:

- 3D Topographic Surveys
- Freeway / Highway Design Surveys
- Renovation Work
- Bridge and Tunnel Design
- Building, Plant and Facility Design
- Drainage System Mapping
- Piping and Plumbing Retrofits
- 3D Pipeline Surveys
- Street Improvement Plans
- 3D Architectural Design Surveys
- Historic Renovation

Waterproofing



We provide evaluations, condition surveys, investigations, and water testing of exterior envelope building systems on various structures and facilities. In addition we may also provide exterior envelope peer review and design assistance services for developers, architects, building owners, and contractors. Our expertise also includes below-grade waterproofing, windows and doors, curtain walls, plaza waterproofing, and roofing. We also specialize in exterior wall cladding such as Portland cement plaster (stucco), EIFS, cement board siding, rain screens, metal panel, stone, and precast concrete. He provides repair and replacement design services for exterior envelope systems

Geotechnical

The Geotechnical staff (subconsultant) includes experienced and registered geotechnical engineers, civil engineers, environmental engineers, engineering geologists, hydrogeologists, environmental scientists, certified technicians, and inspectors, as well as hazardous waste and regulatory compliance specialists. The firm's experience includes evaluations for port of facilities, airports, bridges, commercial developments, dams, channels and flood control structures, educational facilities, highrise structures, landfills, off-shore structures, recreational and medical facilities, municipal and commercial structures, treatment plants, pipelines, tunnels, reservoirs, educational facilities, railroads, bridges, and highways.

- County of Los Angeles / On-Call Soils and Materials Testing and Inspection Services, Earthquake Recovery Project, Various Project Locations throughout Los Angeles County, California
- On-Call Geotechnical/Materials Testing and Construction Inspection Services, John Wayne Airport, Orange County, California
- On-Call Soil and Materials Testing Services, Orange County Transportation Authority
- City of Fontana On-Call Testing and Inspection Services, Fontana, California
- On-Call Services, Riverside County Transportation Commission
- On-Call Geotechnical Consulting and Materials Testing Services, Orange County Sanitation District: On-Call Testing and Inspection Services, City of Irvine, California
- On-Call Geotechnical Services, Rancho Santa Margarita

Core Team

Jun Fujita Hall, AIA LEED AP BD+C

Principal Project Manager

Principal Architect - Ms Fujita Hall would be the Project Manager and main point of contact. Ms Fujita Hall has a Bachelor in Architecture from UC Berkeley, and a Master of Architecture from Columbia University. She is an award winning designer, the recipient of the Grand Prize AIA Allwork Portfolio Prize. Ms Fujita Hall is skilled in space programming, conceptual design, managing bridging documents, and Construction Administration.

Ms Fujita Hall has extensive experience as Project Manager and has been the main point of contact and/or Architectural Lead for many Master Agreement Contracts including Los Angeles County Parks and Recreation, San Diego International Airport, City of Carson, Los Angeles County Fire Department, California National Guard and Los Angeles World Airports.



The Redondo Beach Transit Center was managed by Ms. Fujita Hall from start to Building Department Approval of the Construction Documents. All disciplines were managed by Ms. Fujita Hall including Architecture, Civil, MEP, Structural, Landscape, Interiors, Specifications, Traffic and LEED Documentation. The project also included street widening, new striping for a new right hand turn lane, new bike lane, new signals and new signage.

Ms Fujita Hall was Project Manager for Bridging Documents for large scale projects and is experienced in leading Program Validation and Concept Design with workshops involving large stakeholder groups including community groups. She has extensive experience leading, scheduling, creating agendas for stakeholder workshops and leading project development from beginning to end. Ms Fujita Hall managed and developed the design for San Francisco International Airport Long Term Parking Bridging Documents as part of the On-Call Master Agreement. Ms. Fujita Hall led workshops with over 10 stakeholder groups as part of this process.

Ms Fujita Hall designed and managed all disciplines for the production and design of the Stoneview Community Center Concept Design. She met first with stakeholders to create diagrammatic sketches, led community workshops with the Outreach Team and then produced the final rendering and plans.

Stan Klemenowitz

Project Manager

Stan Klemenowitz, AIA, LEED AP, has over 30 years of experience and extensive experience and experience with municipal projects. Mr Klemenowitz also worked on Project 384, a \$350 million dollar facility project that included over 50,000 square feet of Operation and Maintenance uses, including equipment rooms, vehicle maintenance, equipment maintenance and repair areas. Mr Klemenowitz managed the West Los Angeles College, Technology and Learning Center in Culver City, Construction Administration for a new six-story classroom and office facility for community college. Provided value-engineering and constructability reviews, directed design modifications and corrections, and facilitated DSA reviews and approval for this \$90 million LEED Gold design/build project. Mr Klemenowitz also provided constructability reviews for multiple capital improvement and major maintenance projects, including the new police/fire headquarters, city pool, and senior housing. In this capacity, he also managed design and construction for the interior finish-out of City Hall, and renovations to the Civic Auditorium, Animal Shelter, and numerous parks facilities for the City of Santa Monica. Responsible for project planning, design, bidding documents, contractor negotiation, construction oversight, and project closeout.

Jason Friedrich, AIA, LEED AP

Project Architect

Project Architect - Licensed Architect

Jason Friedrich, AIA, LEED AP has over 20 years of coordination of construction documents and coordinating consulting engineers. Duties included technical staff and client management of several concurrent public agency projects from preliminary schematic through substantial completion. Specific knowledge and skills include: Space Planning, Peer Review, Bridging Documents and Construction



Administration. Mr Friedrich has also worked on the Redondo Beach Transit Center, as well as the City of Carlsbad Las Palmas Bridging Document Project.

Mark Risch, PE

Civil Engineer

Mr. Mark Risch possesses over 25 years of civil engineering experience primarily associated with the design and design review of streets, subdivisions, transit facilities, roadways, sound walls, bridges, utility relocation, ADA modifications, parking lots, and equestrian/pedestrian trails. He has developed plans, specifications, and estimates and has designed transportation projects using both metric and English units of measurement. Mr. Risch has also been involved with the design and planning of drainage systems, hydrology, hydraulics, flood control channels, schools, site developments, and water and wastewater conveyance systems.

Robert Kerns

Waterproofing Specialist

Robert Kerns has broad-based experience in evaluations, condition surveys, investigations, and water testing of exterior envelope building systems on various structures and facilities. He provides exterior envelope peer review and design assistance services for developers, architects, building owners, and contractors. Mr. Kerns' expertise also includes below-grade waterproofing, windows and doors, curtain walls, plaza waterproofing, and roofing. Mr. Kerns was also on the team for the City of Carlsbad Las Palmas Bridging Document Project.

Rachelle Favis, Assoc AIA,

Cost Estimator

Ms Favis is an experienced cost estimator previously at the Cummings Corporation. She has provided cost control services for Kaiser Permanente under a Master Services Agreement for renovations, conceptual and schematic cost controls for additions at the Google Campus, and major campus development for the University of Southern California. She has a Bachelor of Architecture from California State Polytechnic University, Pomona. Ms Favis is also currently working on the Redondo Beach Transit Center. Ms Favis's skills are used to keep projects within budget.



References

Client: City of Redondo Beach
Redondo Beach Transit Center \$5M
PM for client: Brad Lindahl
(310)318-0661
Project Manager was Jun Fujita Hall, AIA, LEED AP BD + C

Client: Carlsbad Public Works
Las Palmas Building
Construction Value \$300K
PM for client: Patrick McGarry
(760)802-4521
Project Manager was Jun Fujita Hall, AIA, LEED AP BD + C

Client: Los Angeles County Parks and Recreation
PM for client: Jim Smith
County of Los Angeles Parks and Recreation
(213)639-6702
Project Manager was Jun Fujita Hall, AIA, LEED AP BD + C

Client: City of Carson
ADA Improvements
Senior Computer Center
Renovation Carson Park Pool
PM for client: Edward Escamilla
(310)830-7600
Project Manager was Jun Fujita Hall, AIA, LEED AP BD + C



Pacific Architecture and Engineering, INC

Rate List	
Project Manager	\$167.67
Project Engineer	\$156.11
Engineer I	\$100.37
Engineer II	\$125.24
Engineer III	\$140.87
Engineer IV	\$148.34
Engineer V	\$157.77
Sr Engineer I	\$165.45
Sr Engineer II	\$178.03
Drafter	\$85.39
Engineer Sr Specialist I	\$190.92
Engineer Sr Specialist II	\$210.35
Engineer Sr Specialist III	\$241.45
Admin	\$45.28

