PS&E FOR PROFESSIONAL ENGINEERING AND LANDSCAPE ARCHITECTURAL SERVICES, CITY PROJECT NO. ST-123

GRAPEFRUIT BLVD. URBAN GREENING AND CONNECTIVITY PROJECT

August 20, 2019

Prepared For:

City of Coachella
Jonathan Hoy, P.E.
1515 Sixth Street
Coachella, CA 92236

N|V|5

42-829 Cook Street, Suite 104
Palm Desert, CA 92211
Vickie Bridenstine
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August 20, 2019

City of Coachella
Attn: Jonathan Hoy, P.E.
1515 Sixth Street
Coachella, CA 92236

SUBJECT: Proposal for Professional Engineering and Landscape Architectural Services PS&E for the Grapefruit Boulevard Urban Greening and Connectivity Project City Project No. ST-123

Dear Mr. Hoy,

The City of Coachella (City) has a unique 70 year history filled with a vibrant culture and an inspiring community. The City is in need of our engineering and survey team to assist with the preparation of full plans, specifications, and estimate (PS&E) for the Grapefruit Boulevard Urban Greening and Connectivity project. NV5, Inc. is that firm. Our proposal is intended to highlight our capabilities—the disciplines, similar experience, and qualified staff that we can bring to you. **NV5's focus is always on quality of product and service and our goal is to always meet or exceed your expectations.**

» **Understanding of Work —** NV5 understands the nature of the City's needs and is fully committed to the services as outlined throughout our submittal. Our work will be performed under the direction of our Project Manager, Vickie Bridenstine, PE who has over 33 years of experience providing the services required in this contract.

» **Similar Experience —** NV5 has delivered similar projects to local agencies throughout Riverside County, including the Cities of Coachella, Indian Wells, Palm Desert, La Quinta, Indio, the County of Riverside, and the Coachella Valley Water District. Through this experience we have: 1) confronted similar challenges and have resolved them, 2) identified ways to do it better, and 3) developed the ability to anticipate your needs, expectations, and unique project concerns. This experience will allow us to foresee problems before they occur and complete the project in a timely manner. Additionally, our knowledge of local codes and regulations make us ideal to perform these services.

» **Responsiveness and Ability to Meeting Contract Needs —** NV5 will provide your requested services with our in-house staff in Palm Desert along with our subconsultant, Ray Lopez Associates (RLA), whom NV5 has enjoyed an excellent working relationship for many years.

» **Strong Project Personnel —** Our team members' track record of delivering important projects for the City, and the surrounding area demonstrates that we understand the concerns of municipalities and are familiar with developing and implementing standards and procedures.

CONSULTANT IDENTIFICATION

NV5, Inc. 42-829 Cook Street, Suite 104
Palm Desert, CA 92211 760.341.3101

PRIMARY CONTACT FOR THIS ASSIGNMENT

Vickie Bridentstine, PE, LEED AP, Project Manager

42-829 Cook Street, Suite 104, Palm Desert, CA 92211
760.341.3101 | vickie.bridenstine@nv5.com

SUBCONSULTANT IDENTIFICATION

Ray Lopez Associates

Ray Lopez, Principal, 56-960 Jackson Street, Vista Santa Rosa, CA 92274
760.206.9696 | rlascape@aol.com

A commitment letter for our subconsultant RLA has been included in the appendix.

This proposal shall remain valid for no less than 180 days from the date of submittal.

NV5 acknowledges receipt of RFP addendum no. 1 dated August 15, 2019. Please see signed addenda in the appendix.

NV5 verifies that all information submitted with this proposal is true and correct.

We are excited to work with the City on this contract and we look forward to strengthening our relationship.

Sincerely,

NV5, Inc.

Carmen Kasner, PE
Regional Managing Director
P26719-0005627.00

Vickie Bridenstine, PE, LEED AP
Project Manager

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FIRM PROFILE

NV5 is a provider of professional and technical engineering and consulting solutions to the public and private sectors. We provide services through five business verticals: **infrastructure, construction quality assurance, energy, program management, and environmental solutions.** With offices located throughout the United States and with extensive resources to provide services locally, we strive to bring projects from inception to completion.

Your primary NV5 team is based in Palm Desert, just a short drive from the project location. With over 300 engineers, surveyors and support personnel located in Southern California, we are capable of providing high quality services throughout the area.

Established in 1949, **NV5 has been serving Southern California for 70 years.** NV5 is a publicly-owned and traded national corporation incorporated in California with offices located throughout the United States. We have a reputation for excellence earned from a long list of clients, with a focus on communities and a mission to use engineering to improve the quality of those communities. Our services are traditional — engineering, planning, surveying, construction management, and construction support — but our attitude, approach, and delivery are unique. The relationships we establish with our clients, our commitment to sustainability and our involvement in the communities we live and work in set us apart from other companies. The result is that we go beyond our client's expectations to provide the right solutions for your project needs.

FINANCIAL CONDITION

NV5 is a leading provider of professional engineering and consulting solutions with a 70-year history. We have experienced steady growth and have been listed on Fortune Magazine's 100 Fastest Growing Firms List two years in a row (2017 - 2018). Our longevity and continued growth is a testament to our financial stability, ability to meet current and future obligations, and the strength of our professional capabilities.

CAPABILITIES

NV5 has worked for public and private clients, federal and local governments, and has delivered numerous projects within the Counties of Riverside, San Diego, San Bernardino and Imperial. **NV5 has a well established working relationship with the City as we are currently working on, or have completed over 20 projects in the areas of surveying, civil engineering, traffic and transportation, and water.** NV5 engineers have performed various required evaluations, economic analyses, and developed PS&E for a variety of engineering projects.

Some of the services we commonly provide to our clients include:

- Surveying, Staking & Mapping
- Independent Plan Review
- Legal Descriptions
- Site Civil Engineering
- Flood Control & Drainage
- NPDES Services
- Engineering Studies
- Water/Wastewater Engineering
- Bridge & Transportation Engineering
- Construction Support, Management & Inspection
- Environmental Services
- Geotechnical Engineering/ Materials Testing
- Community/Public Relations
- Program Management
- Energy Services

SUCCESS.

For the past 70 years, NV5 has provided professional expertise to public and private sector agencies. We talk with our clients and, more importantly, we listen. As a result, our clients trust us to provide the integrated consulting and management solutions that enable their success - regardless of project size or complexity.

EXPERIENCE.

NV5's team of civil engineering and survey professionals offers essential public work improvements, PS&E, and transportation improvements, as well as all other required services for this contract. NV5 has proven expertise to successfully provide the required services for the City of Coachella.

COMMITMENT.

NV5 is confident our expertise in civil engineering and surveying, combined with our extensive local knowledge, makes us your ideal partner. We have compiled a team of professionals who will be committed to the success of this project and will deliver the project in the agreed upon time-frame.

SUBCONSULTANTS

NV5 routinely uses subconsultant firms to enhance our capabilities and provide outstanding services to our clients. For this project, we have chosen Ray Lopez Associates (RLA) due to their expertise in landscape architecture.

Ray Lopez Associates, established in 1990, is a well-respected full service landscape architectural firm providing landscape design and landscape construction administration services to its clients in the governmental and private sectors. Serving clients that include developers, municipal agencies, private residential and utility companies. RLA offers practical, cost effective and aesthetic landscape design solutions that provide lasting enjoyment for the intended users.

NV5 and RLA have an excellent long standing relationship and we have worked on numerous projects together, including projects in Twentynine Palms, Yucca Valley, Cathedral City, and Palm Desert. The following table describes the roles and responsibilities of NV5 and Ray Lopez Associates joint work.

PROJECT	DESCRIPTION	NV5 ROLE	RLA ROLE
Project Phoenix Twentynine Palms, CA	Downtown Plaza Project	Prime	Subconsultant
Prescott Plaza Yucca Valley, CA	Commercial Center	Prime	Subconsultant
Sage Estates Yucca Valley, CA	107 New Homes	Prime	Subconsultant
Mary Pickford Theater Cathedral City, CA	Parking Lot	Prime	Subconsultant
Mohawk Car Wash Yucca Valley, CA	Car Wash	Prime	Subconsultant
I-10 Auto Mall Indio, CA	Auto Mall	Prime	Subconsultant

REFERENCES

NV5's record of success is a true demonstration of the experience and credentials of our staff. However, despite how proud we are of our performance, we recognize that the true measure of success is the satisfaction of our clients. We encourage you to contact the individuals listed in the table below, as they can provide specific information regarding our performance and ability to meet schedule and budget requirements while going beyond simply producing a technically sound design and constructible project.

CITY OF TWENTYNINE PALMS	ANGENIOUS ENGINEERING SERVICES, INC.	NRO ENGINEERING
Frank Luckino City Manager 760.367.6799 fluckino@29palms.org	Andy Cheah Principal/Managing Director 949.599.5400 Andy.Cheah@angenious-es.com	Noel Owsley Principal 760.346.3250 noelo@aol.com

RELEVANT EXPERIENCE

Past experience is the key indicator of future success. We are committed to quality and believe that commitment is one reason why more than 85% of our work comes from repeat clients—an obvious indicator of client satisfaction. Experience makes the difference between a successful and unsuccessful project. On the following pages we have included three similar projects that we feel highlight our team's capabilities to successfully complete the Grapefruit Boulevard Urban Greening and Connectivity Project.

TYLER STREET IMPROVEMENTS
CITY OF COACHELLA | COACHELLA, CA

NV5 provided surveying and consulting services for Tyler Street improvements that included pulverizing and repaving the existing street, constructing a redwood header and widening the pavement to the full width of the street. Services included topographic surveys and base map, preparing and processing street improvement plans and profiles. This project was completed on time and within budget.

Reference: Jonathan Hoy, PE, City Engineer
Phone: 760.398.3502
Email: jhoy@coachella.org

AVENUE 54/VAN BUREN STREET
CITY OF COACHELLA | COACHELLA, CA

NV5 provided survey and civil engineering services for the City of Coachella for the street widening of 6,300 linear feet of Avenue 54 and 400 linear feet of Van Buren Street. NV5 performed a topographic and design survey prior to design. Our civil design included street widening, the addition of median curbs, storm drain, and irrigation relocation. The design was processed through the County of Riverside and Coachella Water District as well as the City of Coachella. NV5 also provided staking and construction support for the city during construction.

Reference: Jonathan Hoy, PE, City Engineer
Phone: 760.398.3502
Email: jhoy@coachella.org

VAN BUREN STREET IMPROVEMENT
CITY OF COACHELLA | COACHELLA, CA

NV5 provided engineering and surveying services for the Van Buren improvements. Design services included providing topographic surveys of existing features including above ground utilities, existing improvements, and preparing a base map of existing conditions. NV5 prepared and processed street improvement plans and profiles replacing the existing pavement and widening the roadway to include a bike path and walking path for Van Buren Street. This project was completed on time and within budget.

Reference: Jonathan Hoy, PE, City Engineer
Phone: 760.398.3502
Email: jhoy@coachella.org

CALHOUN STREET IMPROVEMENT PROJECT

CITY OF COACHELLA | COACHELLA, CA

NV5 provided engineering and surveying services for the Calhoun Street improvements. Design survey services including a topographic survey showing existing features including above ground visible unities and existing improvements along Van Buren Street from the existing Pardee Tract to Avenue 49. NV5 prepared a base map showing existing conditions along with the existing right-of-way. Additionally, NV5 prepared and processed street improvement plans and profiles replacing the existing pavement and widening the roadway to include a bike path and walking path on both sides of Calhoun Street. This project was completed on time and within budget.

Reference: Jonathan Hoy, PE, City Engineer
Phone: 760.398.3502
Email: jhoy@coachella.org

AVENUE 48 WIDENING

CITY OF COACHELLA | COACHELLA, CA

NV5 provided civil design and survey for the partial widening and striping of Avenue 48 between Jackson and Van Buren streets in the cities of Coachella and Indio.

Our designs include a new traffic signal designed for the intersection of Avenue 48 and Van Buren, which is under the jurisdiction of both cities and the County of Riverside. The street widening occurred in multiple areas on both sides of the street and included curb and gutter, sidewalks and street lighting. NV5 coordinated with the Imperial Irrigation District for electric pole relocations and street lighting design, and with the Coachella Valley Water District, which will abandon its existing irrigation pipelines and vacate the old Bureau of Reclamation easements.

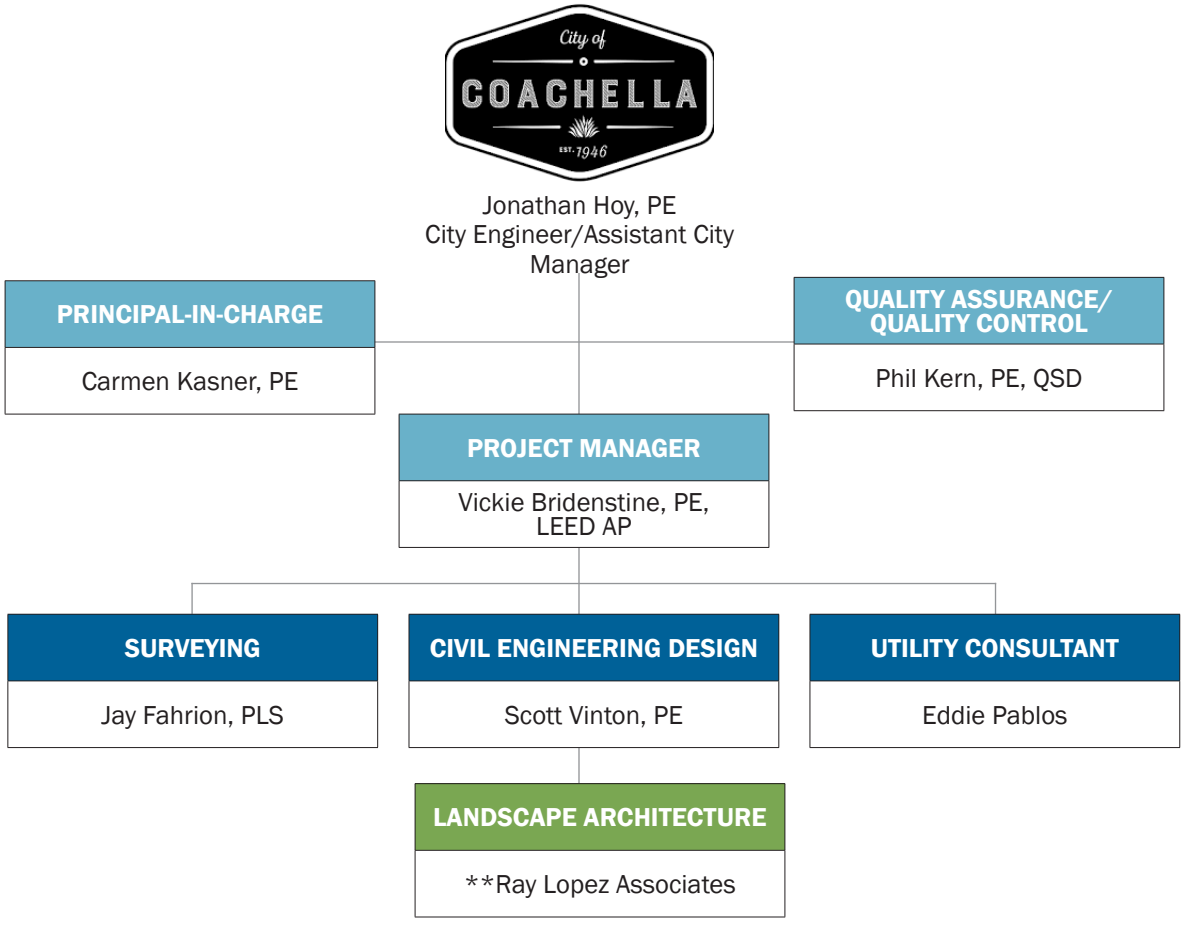
NV5 also performed a topographic design survey and prepared right-of-way legal documents and a Phase-1 environmental assessment as part of this project.

Reference: Jonathan Hoy, PE, City Engineer
Phone: 760.398.3502
Email: jhoy@coachella.org

PROJECT TEAM

NV5 has assembled a team of highly qualified professionals to meet your project needs. Team members have been selected based upon their experience with the potential scope of services, their knowledge of the local area, and their ability to serve the City's needs for this contract. Vickie Bridenstine, Jay Fahrion, and Ray Lopez all have extensive work experience with the City of Coachella. **All team members will be available to the extent proposed for the duration of the project—team members will not be removed or replaced without the prior written concurrence of the City.**

The following organizational chart delineates the our key personnel and their role for this project. Resumes detailing key team members' relevant experience, education, and applicable licenses are provided in the appendix.



* Key Personnel
** Subconsultant

PROJECT UNDERSTANDING AND APPROACH

Phase 1 of the project includes research, information gathering, survey, coordination with the City staff and utility purveyors. Our first task will be to meet with City staff to determine if all the project's goals and objectives have been covered by our proposal. We will also use this time with staff to review possible design alternatives to reduce costs and improve safety and function, if any and further define the project limits and scope. We will determine the project schedule, with the City's concurrence, and begin gathering information and preparing the base mapping.

We will approach this project with the understanding that the key issues are as follow:

Create a safe, pleasant, artful and walkable route that connects the key assets and activity centers within the Pueblo Viejo Downtown District.

- Resulting improvement in pedestrian and bicycle safety (during and after construction)
- Safe traffic operations during construction
- Effective coordination with the City, business owners and utility purveyors
- Utility conflict identification and resolution
- Constructability
- Project costs
- Project schedule and completion
- Accessibility of the consultant
- Community relations

As part of this project, NV5 will create a comprehensive base map, which will include research of existing records, plans and data pertaining to the project site and environs. This will include reviewing all current Assessor's Parcel Maps, Parcel Maps, Records of Survey, Filed Maps, Right-of-way Maps and any other available maps or record drawings that affect the centerline and right-of-way. This information will be used to develop a base map for the improvement plans.

Upon notice to proceed we will conduct an aerial topographic survey for Grapefruit Boulevard between Leoco Lane and Ninth Street in the areas of proposed improvements. We will provide aerial topography for the project limits and include three hundred feet (300') beyond the project limits to the north and south and 50-feet beyond the right-of-way limits on each side of Grapefruit Boulevard. This will provide the photometrics to illustrate existing physical features within those limits. In addition to the aerial topography, we will survey cross-sections at all intersections with side streets within the right-of-way to acquire accurate data for design. Each intersection will be surveyed in detail in order to get the level of accuracy to ensure the proposed design of ADA ramps and sidewalks meet the current criteria.

Upon notice to proceed, we will initiate our utility coordination and research for the project. All major utility purveyors will be contacted and requests made for all of their information regarding the location of above-ground and subsurface utilities. The information received from the utility companies identifying the size and location of their facilities will be plotted and added to our base map. Part of our field survey task will include locating visible utilities and other surface objects within the right-of-way.

After completion of the above work, we will present the City with a comprehensive Planning/Engineering tool that will provide a clear, accurate document showing the current, existing physical and legal conditions of the roadway. We will use this base to overlay the proposed improvements including curb and gutter, Class II bike paths, bio swales and sidewalks. We will identify any areas that may be of concern, such as utility conflicts or local drainage issues. The geometric drawings showing the proposed improvements will be submitted to the City for approval prior to proceeding to subsequent phases of the project. A plant palette for all plants proposed to be included on the project will be submitted to the City. All proposed plants will comply with the Model Water Efficient Landscape Ordinance (MWELO). These preliminary drawings will provide a base for the preliminary landscape and streetscape design and will be submitted to the City for their review prior to finalizing the plans.

We assume that the environmental clearances for the project have already been obtained by the City. We will determine if any mitigation measures were identified during the environmental clearances will be required to bring the project impacts below a significant impact as indicated in a Mitigation, Monitoring, and Reporting Program (MMRP), if any.

Meetings with the City Staff, field reviews, coordination with utility purveyors, coordination with affected property owners, distributing information and soliciting feedback are all included in this first phase of the work.

Phase 2 of work will include the project design and development of the improvement plans, specifications and estimates. We will design roadway signage and striping to meet Caltrans Standards unless otherwise directed by the City. We will strategize with the city staff and utility owners to solve design issues, resolve potential utility conflicts and address public concerns that may arise prior to completed design.

The design for the flashing beacon will be finalized after the potholes are performed at the new beacon pole locations to verify the absence of utility conflicts. We understand that those potholes will need to be drilled no less than the actual diameter of the proposed foundation of the poles and to the actual depth of the foundation.

The landscape plans and irrigations plans will be prepared in conjunction with the street improvement plans and submitted concurrently with those plans. Street furniture such as bike racks, benches, trash cans, shade structures and security lighting will be shown the plans.

Utility potholes will be performed at the design phase in order to confirm utility locations. Any coordination for utility relocations will occur during this phase and utility agreements will be initiated if necessary.

The plans, specifications and estimates will be submitted to the City for review at the 60%, 100% and final completion stage. Upon receipt and review of the City's comments, the review comments will be incorporated into the plans and they will be prepared to 100% completion. The preliminary Special Provisions of project specifications will be developed utilizing the Standard Specifications for Public Works Construction (latest edition), as well as a project Bid Schedule, which will be provided to the City for inclusion into the overall Project Specifications being compiled incorporating the City' boilerplate information. These items, along with a preliminary quantity and cost estimate based upon the Bid Schedule, will be submitted to the City for review and comment with the submittals of the plans.

Meetings with the City Staff, field reviews, coordination with utility purveyors, coordination with affected property owners if required, distributing information and soliciting feedback are all included in this phase of the work.

Phase 3 of the project includes construction support for the project. We will attend the pre-bid meeting and will be available during the bidding process to answer questions regarding the project plans and specifications. Once a contractor has been selected, we will attend the pre-construction meeting in support of the City and be available to answer questions and respond to requests for information during the construction of the project. We will provide construction staking of all of the improvements included on the plans. When construction is complete, we will work with the contractor and the City to prepare record drawings of the project for submittal to the City.

WORK PLAN

Based upon our review of the City's Request for Proposal (RFP) and our review of the existing field conditions, we have prepared the following Scope of Work tasks that will be needed to complete and provide a project that meets the City's goals and expectations.

PHASE 1

RESEARCH, INFORMATION GATHERING, SURVEY, UTILITY RESEARCH AND PROJECT MANAGEMENT AND UNDERSTANDING

Task 1.1 Kickoff Meeting – The NV5 team will attend a kickoff meeting with the City staff to review the City's goals and expectations, the schedule, discuss possible design alternatives, if any, and further define the project limits and scope of work.

Task 1.2 Research Record Information –Obtain all record information that is available through the City of Coachella and Riverside County including right-of-way maps, parcel maps, dedication documents and others to establish the legal centerline and right-of-way for Grapefruit Boulevard.

Task 1.3 Utility Research – Prepare utility notifications for all dry and wet utilities in the vicinity of the project. NV5 will request record drawings and atlas information from the City of Coachella Sanitary District, Coachella Water Authority, Spectrum Cable, Imperial Irrigation District, Frontier Communications, and SoCal Gas for utilities in the area, the information, once received, will be incorporated into the base map.

Task 1.4 Survey Control – Research with Riverside County and local agencies will also be performed to obtain horizontal and vertical survey control data to establish horizontal and vertical control for the project. The survey crew will search for existing monuments of record to establish the centerline and right-of-way for to the portion of Grapefruit improvements within the project limits. This information is to be shown and plotted on the base map.

Task 1.5 Aerial Topography Survey – NV5's Unmanned Aerial Vehicle (UAV) staff will perform aerial flights using UAV Photogrammetry and Lidar to create the aerial topographic survey. The NV5 survey staff will set 5 (five) targets and provide horizontal and vertical control using NAD 83, California State Plane Coordinates Zone 6 and Local Vertical Datum. NV5 will deliver an overall hard-copy plot and a CD-ROM

containing the Digital Terrain Model information used for the generation of topographical information, the contour information, planimetric detail, the tfw image limit files, orthophoto, TIFF images and .dwg image limits files which will allow us to bring the images into their proper coordinate position. The final delivery of digital information will be supplied in an AutoCAD CIVIL3D format. Aerial Topography will conform to US mapping standards.

Task 1.6 Supplemental Topographic Survey – A NV5 survey crew will perform a survey of the subject area utilizing a combination field surveying, utility locating, and aerial mapping operations. We will survey surface elevations and existing improvements, including:

- Visible above-ground utilities, including vaults, meters, freestanding equipment, manholes, and valves
- Drain inlets and outlets
- Fire hydrants, PIVs, and fire department connection(s)
- Fences, curbs and gutters
- Sidewalks, Handicap ramps
- Site light fixtures
- Power poles, guy wires, and power appurtenances

Task 1.7 Mapping – NV5 will compile all of the information obtained in the above tasks into a base map that will be utilized as a base for our concept design. We will map all of the record easements that are noted by record for the above-mentioned right-of-way. NV5 will map all existing utilities from observed evidence collected by the field survey and or evidence from plans requested by the surveyor and obtained from utility companies, or provided by client (with reference as to the sources of information). Aerial topography along with supplemental topography will be included in the base map.

Geometric Approval Drawings

Task 2.1 Conceptual Level Plans – Utilizing the base map and the aerial topography prepare conceptual level plans (30% level) of the project defining the proposed improvements for submittal to the City for review. Consideration will be given on how we can minimize impacts to the local businesses and provide a design that meets the City's objectives.

Task 2.2 Conceptual Design Meeting with the City – NV5 design team will meet with the City staff to review the concept plan and discuss any revisions, potential constraints either physical or financial and discuss possible solutions. Agreed upon revisions will be incorporated into the concept plan prior to continuing with the next phase of the project.

PHASE 2

PROJECT DESIGN AND IMPROVEMENT PLAN DEVELOPMENT

Task 3.1 Final Plans, Specifications and Estimates (PS&E) – NV5 will prepare plans for the proposed improvements utilizing the approved conceptual design. The plans will be prepared as plan and profile sheets at a scale of 1"=20'. The title sheet will include the City's standard notes and signature blocks. The plan package will include detail sheets and typical sections, a demolition plan, signing and striping as well as the street improvement designs. The plans will be submitted to the City for their review at 60% completions, 100% completion and Final approval. Final plans will be submitted on full size (24" x 36") mylar.

Task 3.2 Coordination Meetings – The design team will meet with the City staff to review the project plans and status at the 60% and 100 % submittal milestones. The team will review the plan status and project schedule as well as the City's plan check comments.

Task 3.3 Flashing Beacon and LED Security Lighting Design – NV5 will prepare plans identifying the locations and proposed feeds for the flashing beacon and LED security lights. The plans will be based on the improvement plans and will be coordinated with all existing and proposed facilities.

Task 3.4 Utility Potholing – We will coordinate utility potholing prior to final design for utilities where a conflict may be an issue due to the proposed improvements. The locations of the flashing beacons, will be potholed the approximate diameter and depth of the proposed foundation/footing to identify any potential conflicts. Water mains where anticipated tie-ins for water meters for irrigation improvements and water fountain improvements will be potholed as needed. Gas mains or other below ground utilities will be potholed to verify horizontal and vertical locations.

Task 3.5 Coordination with Imperial Irrigation District (IID) – We will coordinate with IID regarding the point of service location for electrical supply of flashing beacons. Any pole relocations required will be per IID design. We are assuming that IID will provide the down feed and conduit plan to the beacon light locations.

Task 3.6 Final Signing and Striping Plans – We will prepare signing and striping plans for the project improvements including transitions as needed on the north and south ends of the project. The plans will be prepared at a scale of 1"=20' to match the street improvement plans. The plans will be prepared in planview only with stacked viewports and based upon Caltrans MUTCD.

Task 3.7 Specifications – We will prepare the project technical specifications for the proposed improvements for City review with the 100% and Final plan submittals. Specifications shall be prepared in Microsoft Word and shall conform to the Special Provisions Guide for use in the Standard Specifications for Public Works Construction and shall include the bid schedule indicating measurement and payment for bid items for the project. The City will provide the front-end bid documents, contract and general provisions.

Task 3.8 Engineer's Estimate of Probable Costs – We will provide an engineer's estimate of probable costs with and submit with the 100% and final plan submittal. The estimate shall be prepared in Microsoft Excel and reflect items shown on the bid schedule provided as part of the specifications including sufficient bid items as reflected on the improvement plans for contactors to properly bid on the scope of work. As part of this task we will prepare a schedule indicating probable construction duration in calendar days to submit to the City for their use in communication with the potential bidders.

LANDSCAPE DESIGN

Task 4.1 Project Coordination and Communication – NV5's subconsultant RLA will perform general project coordination such as site visits, phone calls, emails, etc. in order to make sure the project design decisions are communicated to the City and the design team.

Task 4.2 Base Maps and Planting Palette – RLA shall use NV5's base CAD files to create the Landscape Base Sheets required for the Preliminary Landscape Plans, Landscape Construction Plans and Irrigation Plans. RLA will also prepare a planting palette for the project which reflects the plants indicated in the RFP as well as other drought tolerant plants which meet the requirements of the Model Water Efficient Landscape Ordinance (MWELO) requirements. The plant palette will include the proposed species and sizes to be utilized on the project. (We understand that no trees may exceed 15 gallons in size in the initial planting.) The plant palette will be submitted to the City for their review prior to proceeding with the preliminary landscape design.

Task 4.3 Preliminary Landscape/Construction Plans – RLA will prepare a preliminary landscape plan on the base maps prepared as part of the previous task. The plan shall locate, size and identify all trees, shrubs and ground covers. Propose drinking fountains (4), trash cans (10), shade structures (4), benches (10) and bike racks (4) will be located on the plan. This plan will be submitted to the City and project team for review and preliminary approval.

Task 4.4 Final Construction Plans for Street Furniture – This plan will call-out and locate site amenities based upon the review and comments received from the project team and the City. The specifications for the installation of the amenities as described in the previous task will be per the manufacturer and/or suppliers.

Task 4.5 Final Landscape Plans – The final landscape plan will be based upon the review and comments received from the project team and City on the preliminary landscape plan. The plans will be submitted along with the irrigation plans to the City and the Coachella Water Authority for review and approval. The plans will include details and specifications required to install the landscape improvements, a title sheet with project information and an opinion of probable costs for the proposed landscape improvements.

Task 4.6 Irrigation Plans – The irrigation plan will be prepared to accompany the final landscape plans for submittal. The plan will specify all piping materials and sizes, emitters, valves, water meter locations and sizes required to irrigate the proposed and existing (if any) plant material. RLA will provide water calculations, flow requirements and equipment sizing as required.

Task 4.7 Processing Landscape and Irrigation Plans – Processing of the construction documents, landscape and irrigation plans will be done with the Water district and the City for final approval. Minor corrections to the plans after review by the agencies in included under this task. It is assumed that no more than two submittals will be required before the plans are approved for construction.

PHASE 3

CONSTRUCTION SUPPORT

Task 5.1 Pre-Bid Requests for Information (RFIs) – We will respond to RFIs during the bidding process relating to our plans and specifications. We have assumed up to ten (10) pre-bid RFIs. We will provide documentation of our responses to the RFIs and submit them to the City for reference.

Task 5.2 Temporary Markings – We will provide temporary markings depicting the limits of construction prior to the pre-construction meeting.

Task 5.3 Pre-Construction Meeting – We will attend a pre-construction meeting with the City and the selected contractor. NV5 staff will include members of the design team and construction survey team. We will be prepared to answer any questions regarding the plans and specifications and we will be available to coordinate schedule of construction staking. Discussions will include staking request protocol and lead times.

Task 5.4 Construction Staking – NV5 will provide office calculations and one set of stakes for the following tasks.

- Curb and Gutter along the easterly side along with the handicap ramps on the westerly side of Grapefruit Boulevard and the southerly side of 9th street. Stake will be set at 25’ intervals and graded to top of curb or finish surface. Cut sheets shall be provided to the client.
- Curb and Gutter for the proposed median along the center of Grapefruit Boulevard. Stake will be set at 25’ intervals and graded to top of curb and invert of pipe in Bio Swale. Cut sheets shall be provided to the client.
- Stake locations of Beacon lights and lighted Bollards. Cut Sheets shall be provided.

Task 5.5 Construction RFIs – We will respond to Construction staff and/or Contractor RFIs during the project construction as it relates to clarification of technical design issues that may come up during construction. We have assumed up to ten (10) construction RFIs. We will provide documentation of our responses to the RFIs and submit them to the City for reference.

Task 5.6 Site Observation and Quality Control Landscape Improvements – During construction observe, recommend, clarify and provide "filed reports" for the duration of the construction installation, not to exceed fifteen (15) site visits (3 visits per week +/-). Field reports shall indicate construction activities/progress, on-site equipment/personnel and weather conditions. Additional days shall be billed at $250.00 per visit/report as requested by the client.

Task 5.7 Prepare Record Drawings – We will prepare a set of Mylar "Record Drawings" reflecting as-built conditions based upon red-line copies of the plans from the contractor and City inspector upon the project completion.

ASSUMPTIONS

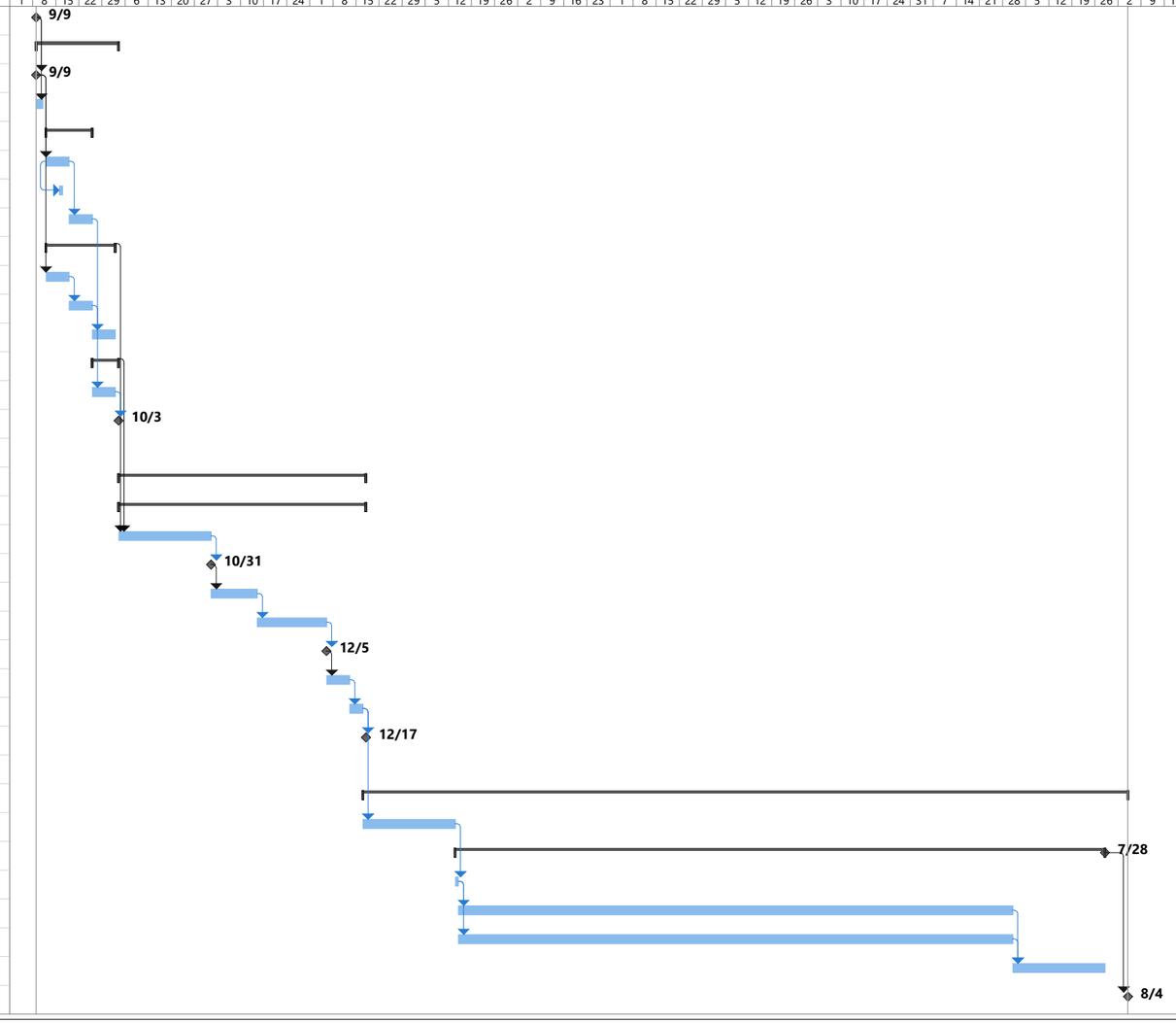
- City already has the environmental clearances for this project.
- No additional right-of-way will be needed
- Record maps for existing right-of-ways are available for our use
- No fee encroachment permits will be required in order to accomplish our work including survey tasks

EXCLUSIONS

- CEQA documentation
- Geotechnical and pavement design services
- Community outreach services
- Hydrology/hydraulics calculations or reports
- Any task not included is excluded

GRAPEFRUIIT BOULEVARD URBAN GREENING AND CONNECTIVITY PROJECT

ID	Task Name
1	**Notice to Proceed (3 wks from submittal)**
2	**PHASE 1**
3	Kickoff meeting
4	Research
5	**Topographical survey**
6	Survey control and supplemental survey
7	Aerial topographic survey
8	Prepare base map
9	**Geotechnical Analysis**
10	Field exploration
11	Laboratory testing
12	Analysis and conclusions
13	**Geometric approval drawings**
14	Conceptual drawings
15	Conceptual design meeting with the City
16	
17	**PHASE 2**
18	**PS&E preparation (project & landscape design)**
19	60% drawings
20	Submittal meeting
21	City Review
22	100% drawings
23	Submittal meeting
24	City Review
25	Final mylar
26	City signatures on mylars
27	
28	**PHASE 3**
29	Bid support services
30	**Construction support services**
31	Pre-construction meeting
32	Construction staking
33	Respond to RFI & other questions
34	Prepare record drawings
35	**Project completion**



Project: Grapefruit Blvd Schedule.mpp
Date: 8/19/19

Task	Project Summary	Manual Task	Start-only	Deadline	
Split	Inactive Task	Duration-only	Finish-only	Progress	
Milestone	Inactive Milestone	Manual Summary Rollup	External Tasks	Manual Progress	
Summary	Inactive Summary	Manual Summary	External Milestone		

EXCEPTIONS AND DEVIATIONS

NV5 prides ourselves in quality service, satisfied clients, and a cooperative approach to working relationships. This is due to a long track record of successful projects and clients offering repeat business. The request for proposal requested a description of possible exceptions to the sample Professional Services Agreement. Our review of the agreement has determined that the agreement is acceptable to NV5.

APPENDIX

Subconsultant Commitment Letter

RAY LOPEZ ASSOCIATES
LANDSCAPE ARCHITECTURE & PLANNING
56-960 JACKSON STREET, VISTA SANTA ROSA, CA 92274
Phone: 760 / 206-9696 E-mail: RLAscape@aol.com

August 14, 2019

Ms. Vickie Bridenstine
NV5, Inc.
42-829 Cook Street, Suite 104, Palm Desert, CA 92211
P: 858.927.3651 E: Kristina.Schulz@nv5.com

Subject: Letter of Commitment for the City of Coachella Request for Professional Engineering and Landscape Architectural Services Preparation of PS&E for the Grapefruit Boulevard Urban Greening and Connectivity Report / City project No. ST-123

Dear Ms. Bridenstine:

Ray Lopez Associates is pleased to join the NV5 team for the subject contract. We are committed to the NV5 team to provide Construction Documents for the site amenities (e.g. shade structures, drinking fountains, bike rakes, benches), Landscape Plans, Irrigation Plans, Details and Specifications.

We appreciate your interest in Ray Lopez Associates and look forward to working with NV5 and the City of Coachella for this contract.

Sincerely,

Raymond C. Lopez

Raymond C. Lopez
President / Landscape Architect

CARMEN KASNER, PE

Principal-in-Charge

Carmen has 29 years of experience in municipal services focusing on civil design of CIP projects. She offers vast insight into public participation, permitting and coordination, project and design standards and site and access constraints. Carmen's experience includes extensive levels of inventory development and condition assessment of agency assets, with projects ranging from sanitary to storm to roadway systems. Her experience also includes extensive work and coordination with various agencies in southern California involving flood control, development, transportation issues, water system capacities, sewer conditions and public meetings.

EDUCATION
BS, Civil Engineering
South Dakota State University

EXPERIENCE
29 years

CREDENTIALS
CA Professional Engineer
No. 50856

CURRENT ASSIGNMENTS
PIC for:
Project Phoenix

San Luis Rey Recycled Water Pipeline

Miramar Cear Well Replacement Construction Management

ASSIGNMENT AVAILABILITY
10%

TENURE WITH FIRM
5 years

Project Experience

PROJECT PHOENIX
TWENTYNINE PALMS, CA

Principal-in-charge for this project overseeing the project team and providing guidance during the engineering and design phase. The development plan includes a 71-unit senior housing facility, a 14,000-square-foot multi-purpose building, a package wastewater treatment plant, public parking lots, and associated sidewalks, paseos, roadways, street, landscaping and lighting improvements. The area encompasses approximately 11.2 acres in downtown Twentynine Palms. NV5 has been contracted to provide all aspects of design services for this project including civil, water, wastewater, geotechnical, traffic, landscape and utility coordination services.

AVENUE 48 WIDENING, STRIPING AND SIGNAL
COACHELLA, CA

Carmen provided oversight and guidance to the team that provided civil design and survey for the partial widening and striping of Avenue 48 between Jackson and Van Buren streets in the cities of Coachella and Indio. NV5's designs include a new traffic signal designed for the intersection of Avenue 48 and Van Buren, which is under the jurisdiction of both cities and the County of Riverside. NV5 coordinated with the Imperial Irrigation District for electric pole relocations and street lighting design, and with the Coachella Valley Water District, which will abandon its existing irrigation pipelines and vacate the old Bureau of Reclamation easements. The team also performed a topographic design survey and prepared right-of-way legal documents and a Phase-1 environmental assessment as part of this project.

CITYWIDE PEDESTRIAN ACCESS RAMPS
RANCHO MIRAGE, CA

Principal-in-charge of this project, which included survey and analysis of over 450 pedestrian access ramps within the City to determine the level of ADA compliance. Based upon a complex ranking system and physical locations of the ramps, 100 were selected to be replaced with ramps that meet the current Federal and state ADA requirements.

EAST VALLEY PARKWAY WIDENING
CITY OF ESCONDIDO | ESCONDIDO, CA

Principal-in-charge for the design of this $6M project will eliminate a traffic bottleneck and features a bridge widening, traffic signal modifications, streetscape design, preparation of right-of-way documents and environmental services. The designers took special care during the geometric approval phase of the project to ensure that the improvements were no more than needed to accommodate future traffic projections, saving the City capital funds that could be applied to other needs.

VICKIE BRIDENSTINE, PE, LEED AP

Project Manager

Vickie has over 34 years of civil engineering experience in public and private sectors. Her engineering background includes over five years of plan check services for various cities throughout southern California. Cities within the Coachella Valley/Inland Empire include Beaumont, Coachella, and Rancho Mirage. In addition to performing plan check reviews, Vickie was tasked with developing check lists to be used in ensuring plan completeness.

She has prepared designs and specifications as well as managed the design of many private and municipal engineering projects. Her special areas of expertise are sanitary sewer, water distribution, street design including reconstruction and rehabilitation, storm drain, hydrology and hydraulics, rough and final grading design. Through hands-on experience with state-of-the-art computer-aided design and drafting, combined with practical field experience, Vickie has provided comprehensive consulting services from the preliminary planning stages through construction for private sector and public works projects.

EDUCATION
Geotechnical Engineering, University of Missouri, Rolla

EXPERIENCE
34 years

CREDENTIALS
CA Professional Engineer, No. 57142

LEED Accredited Professional

CURRENT ASSIGNMENTS
Project Phoenix - 25%
Prescott Plaza - 20%
Gates of Spain - 5%
Onaga Trail Extension - 20%

ASSIGNMENT AVAILABILITY
30%

TENURE WITH FIRM
7 years

Project Experience

AVENUE 48 WIDENING
COACHELLA, CA

The project includes street improvements for the widening Avenue 48 to three lanes in each direction. Vickie provided management and design engineering services for the street improvement plans, signing and striping and utility coordination, tying the new improvements into existing streets.

PROJECT PHOENIX
TWENTYNINE PALMS, CA

Project manager for this 11.2 acre downtown redevelopment project. The project includes a 14,000 multi-purpose building, museum and cultural center, housing project, pedestrian paseos and parking lots, sewer and water improvements, street widening, undergrounding overhead utilities, landscaping and lighting improvements and a package wastewater treatment plant.

TYLER STREET PAVEMENT REHABILITATION
COACHELLA, CA

The project included the reconstruction of approximately 3,300’ of Tyler Street between Avenue 53 and Avenue 54 in the City of Coachella. The plan included pulverizing existing pavement and using it for bas and repaving matching existing pavement and curb and gutter where they exist.

PEDESTRIAN RAMP IMPROVEMENT PROJECT
RANCHO MIRAGE, CA

This project included the survey and analysis of over 450 pedestrian access ramps within the City to determine the level of ADA compliance. Based upon a complex ranking system and physical locations of the ramps, 100 were selected to be replaced with ramps that meet the current Federal and state ADA requirements. Vickie was the lead designer in the preparation of the plans and specifications for this project.

ST-70 CALHOUN STREET IMPROVEMENTS
COACHELLA, CA

Project manager and design engineer for approximately 1100 LF of street improvements and widening. The design included full depth removal of existing pavement and widening street to accommodate a bike lane and walking path on both sides of the roadway. The design was challenging due to existing power poles and developed properties directly adjacent to the right-of-ways. The plans also included the signing and striping for the new roadway.

ST-70 VAN BUREN STREET IMPROVEMENTS
COACHELLA, CA

Project manager and design engineer for approximately 1400 LF of street improvements and widening. The design included full depth removal of existing pavement and widening street to accommodate a bike lane and walking path. The design included vertical revisions to help deal with ponding issues on the existing roadway.

THE GARDENS AT EL PASEO
PALM DESERT, CA

Managed and designed this 8-acre “high-end” retail center in Palm Desert. The project included a pedestrian paseo and a multi-level parking structure developed in Palm Desert’s exclusive El Paseo retail district. The design included grading, drainage, sewer, water, street and utility coordination.

THE CANYONS AT BIGHORN
PALM DESERT, CA

As project manager /engineer for this 470-unit residential and golf community, Vickie was responsible for providing a full range of civil engineering services. The project included a Tom Fazio-designed golf course as well as coordination with the Corps of Engineers, Department of Fish and Game, and local agencies. The design included grading, street and storm drain design, sanitary sewer and water including three different pressure transmission and distribution mains.

PHIL KERN, PE, QSD

Quality Assurance/Quality Control

Phil's 32 years of experience includes designing and processing public works projects. He has performed in the capacity of project manager on a wide variety of civil engineering projects involving transportation facilities, utility repairs and upgrades, and site work. He has been directly responsible for the preparation of grading plans, infrastructure improvement plans, specifications, traffic control/phasing plans, and construction administration for numerous complex civil engineering projects. His familiarity with the operations of major local agencies has helped to streamline the design and processing of many projects. In addition to having special technical emphasis in the areas of hydrology, hydraulics, site and transportation design, Phil's capabilities are enhanced by his eye for detail and skills in organization, project planning, and written communication.

EDUCATION
BS, Civil Engineering
San Diego State University

EXPERIENCE
32 years

CREDENTIALS
CA Professional Engineer
No. 40831

Qualified SWPPP Developer

Certificate CalEMA Safety Assessment Program Evaluator
No. 68105

CURRENT ASSIGNMENTS
Espola Road Bike Lanes - 20%
Quarry Road Bridge - 10%
Scott Road Widening - 30%

ASSIGNMENT AVAILABILITY
25%

TENURE WITH FIRM
11 years

Project Experience

EAST VALLEY PARKWAY/VALLEY CENTER ROAD WIDENING
ESCONDIDO, CA

Project manager for design of one half-mile widening of East Valley Parkway and Valley Center Road to prime arterial standards where it joined improvements previously constructed by the County. This $6.7M project eliminates a traffic bottleneck and features a bridge widening, traffic signal modifications, streetscape design, preparation of right of way documents and environmental services. The designers took special care during the geometric approval phase of the project to ensure that the improvements were no more than needed to accommodate future traffic projections, saving the City capital and maintenance funds that could be applied to other needs.

SOUTH SANTA FE ROAD IMPROVEMENTS
SAN BERNARDINO COUNTY, CA

Principal in charge for this project to widen South Santa Fe from a 2-lane to a 4-lane arterial roadway with a 50 mph design speed. This involves the preparation of alignment studies, final plans, specifications, and cost estimates. Project involves overhead utility relocation, replacement of existing water distribution system and sewage conveyance system, and major storm drain facility design including two major creek crossings, design of approximately 1,500 linear feet of major concrete channel design and three box culvert crossings (single, triple and quintuple barrel).

BAYSHORE BIKEWAY PROJECT
SAN DIEGO, CA

Principal in charge for the Bayshore Bikeway, which makes a 26-mile loop around the San Diego Bay. A key element of this project was to coordination with each agency having jurisdiction along the proposed path. In addition, coordination involved SDG&E, the San Diego Unified Port District, railroad owners BNSF and MTS, and the United States Navy. Phil attended Monthly Project Development Team meetings, which were held to provide status and schedule updates to each agency.

JAY FAHRION, PLS

Surveying

Jay is a survey manager in NV5's Palm Desert office with over 39 years of surveying and mapping experience in Northwest New Mexico and Southern California. He worked in the public sector for San Juan County Public Works in Aztec, New Mexico for eight years where his duties included right-of-way surveys and acquisitions, topographic surveys, and construction staking. His experience includes boundary surveys, ALTA surveys, topographic surveys, construction staking, preparing and processing record of surveys, corner records and parcel maps. His duties also include daily assignment of field and office work, managing field and office personnel, proposal preparation and client development. Jay has completed the rigorous American Congress on Surveying and Mapping course on various surveying specialties, as well as numerous other continuing education courses.

EDUCATION
BS, Civil Engineering, San Diego State University

EXPERIENCE
39 years

CREDENTIALS
CA Professional Land Surveyor, No. 8207

CURRENT ASSIGNMENTS
City of LaQuinta - 30%
City of Indio - 25%
City of Twentynine Palms - 25%

ASSIGNMENT AVAILABILITY
20%

TENURE WITH FIRM
28 years

Project Experience

ST-70 - CALHOUN AND VAN BUREN STREET IMPROVEMENT PROJECTS
COACHELLA, CA

Survey manager for crews providing construction-staking services, topographic survey for the design and widening of streets, preparing plans and consulting with the City of Coachella. NV5 provided civil engineering and survey design services, which covers Calhoun Street and Van Buren Street.

PROJECT PHOENIX
TWENTYNINE PALMS, CA

Survey manager overseeing survey services for 11.2 acres of downtown Twentynine Palms that included the following tasks; aerial topographic survey which was flown by our UAV, supplemental topographic survey, boundary survey, location of existing utilities and preparation of a base map provided to the client.

AVENUE 54/VAN BUREN
COACHELLA, CA

Survey manager for an aerial survey of Avenue 54 from Harrison Street to Van Buren Street and Van Buren Street from Avenue 54 to Avenue 56. We provided street cross sections on Avenue 54, along with utility locations, and mapping of existing right-of-way on Avenue 54. Information was provided to the client for street design of Avenue 54, which will be done by NV5 staff.

AVENUE 50 BRIDGE AT COACHELLA VALLEY STORM CHANNEL
COACHELLA, CA

Survey manager for network control survey conducted to Caltrans standards along with aerial topography of the proposed site. NV5 staff provided a base map from record information along with network survey and aerial survey to the client.

SCOTT VINTON, PE

Civil Engineering Design

Scott is a licensed civil engineer in the state of California with 28 years of experience, including experience in program management, project management, design and construction management services. His expertise includes commercial/institutional, public works, land development, energy and transportation projects.

As the project manager of many land development projects in southern California, Scott has been responsible for all phases of development from entitlement through construction. His design and management experience extends from small 40 lot subdivisions, high-density condominium and apartment sites, 2,200-lot master planned communities, public works projects, electrical substation and undergrounding to freeway construction. He has also provided due diligence assistance for clients wishing to determine the feasibility of development.

EDUCATION
BS, Civil Engineering, San Diego State University

EXPERIENCE
28 years

CREDENTIALS
CA Professional Engineer, No. 54703

CURRENT ASSIGNMENTS
Southwestern College – 50%
SDG&E – 10%

ASSIGNMENT AVAILABILITY
40%

TENURE WITH FIRM
14 years

Project Experience

AVENUE 54 IMPROVEMENTS
COACHELLA, CA

Project engineer providing construction support for one mile of street widening on Avenue 54 for the City of Coachella. His efforts included redesign of driveways, redesign of drainage and water facilities due to encountered underground obstructions and providing the surveyors additional information needed for the construction staking. All of these items needed to be accomplished in a short time frame to the contractor.

RANCHO MIRAGE DOG PARK
RANCHO MIRAGE, CA

Project engineer working as a subconsultant to a landscape architect on a dog park for the City of Rancho Mirage. The project included finish grading design of a 3.7-acre dog park, sewer and water services, and public improvements fronting the park including street, sewer and water design.

AVENUE 48 WIDENING
COACHELLA, CA

The project included street improvements for the widening Avenue 48 in the Cities of Coachella and Indio to three lanes in each direction. Scott provided design engineering services for the street improvement plans, signing and striping and utility coordination, tying the new improvements into existing streets.

JAMACHA BOULEVARD IMPROVEMENTS
SAN DIEGO COUNTY, CA

Project engineer for design services for the County of San Diego for this ½-mile road-widening project. The project provides for the design of the widening of Jamacha Boulevard between Spring Glen Lane and Sweetwater Springs Boulevard in an unincorporated area of San Diego County. The two-lane road will be expanded to four lanes, including curb and gutter, sidewalk and parkways, bike lanes, a striped median, retaining wall and a water quality basin.

PAVEMENT REHABILITATION AND PEDESTRIAN CROSSINGS
VISTA, CA

Scott provided civil design services for this project which included field pavement inspection, identifying distressed areas to be removed and recommending the appropriate pavement repair and pavement overlay for over 10 miles of roadway. He also performed inspection, construction survey, design, and as-built services for the replacement of approximately 58 pedestrian ramps that the City wanted to bring up to ADA standards.

EDDIE PABLOS

Utility Consultant

Eddie has over 23 years of experience encompassing management of the design, construction, and technical aspects of electric, gas, and telecommunications systems serving large master planned communities, single family tracts, multi-family developments, and commercial developments within the Orange, Riverside, Imperial, San Bernardino, Ventura, and Los Angeles Counties. His technical expertise, customer service, and project management skills enable him to provide quality customer service to clients.

EDUCATION
MBA, University of Redlands

BS, International Business, United States International University

EXPERIENCE
23 years

CURRENT ASSIGNMENTS
Project Phoenix - 20%
Other Projects - 75%

ASSIGNMENT AVAILABILITY
5%

TENURE WITH FIRM
17 years

Project Experience

LA ENTRADA – AVENUE 50
COACHELLA, CA

Utility Relocation designer for planning, design and engineering services for a new road being developed from the I-10 freeway to Avenue 50 in Indio, CA. This development is associated with the La Entrada project and included a Dry Utility Composite Exhibit as well as an extensive coordination effort with Imperial Irrigation Districts transmission department.

SILVEROCK WAY BACKBONE
LA QUINTA, VA

Utility Relocation designer for planning, design and engineering services for a new underground electric distribution system, and the creation of the substructure exhibit for Imperial Irrigation District, Verizon, and Time Warner on SilverRock Way from Avenue 52 south through the project to Jefferson Street (approximately 6030'feet). Coordination and management for the conversion of electric, telephone and cable television from overhead to underground

DOWNTOWN INDIO INFRASTRUCTURE PROJECTS
INDIO, CA

Utility Relocation designer for planning, design and engineering services for a new underground electric distribution system, and the creation of the substructure exhibit for Verizon and Time Warner. Coordination and management for the conversion of electric, telephone and cable television from overhead to underground. This work also includes the removal of the facilities from alley ways to the street frontage.

PGA WEST – THE SIGNATURE – TRACT 36538-1 AND 2
LA QUINTA, CA

Utility Relocation designer. Duties included management and coordination for Single Family Residential development; including the IID backbone bring up work order for street improvements on PGA Blvd. were coordinated with IID, Frontier Communications, Spectrum Communications, and Southern California Gas Company.

RAY LOPEZ, RLA

Landscape Architecture

Ray has over 30 years of experience in southern California desert communities providing landscape design and landscape construction administrative services to both private and governmental clients. His projects include a variety including commercial/industrial developments, landscape perimeters, street/highway medians, public agency facilities, public parks, golf resorts and golf club facilities, single-family residential and multi-family residential. He is registered as a "Desert Native Plant Expert" for the County of San Bernardino and the Town of Yucca Valley. His firm, RLA provides practical, cost effective and aesthetic landscape design solutions.

EDUCATION
BS, Landscape Architecture, California Polytechnic State University, San Luis Obispo

AA, Landscape Architecture, College of the Desert

EXPERIENCE
30 years

CREDENTIALS
CA Registered Landscape Architect, No. 3474

CURRENT ASSIGNMENTS
Project Phoenix - 50%
Desert willow Perimeter Upgrade - 10%

ASSIGNMENT AVAILABILITY
40%

TENURE WITH FIRM
29 years

Project Experience

PROJECT PHOENIX
TWENTYNINE PALMS, CA

Landscape Architect provided construction documents for landscape and irrigation plans for the 11.2 acres of downtown Twentynine Palms. Conduct site survey of the existing amenities, landscape,buildings and hardscape. Provide assistance in the approval process with the client, city and water district.

DESERT WILLOW GOLF RESORT - PERIMETER PARKWAY
PALM DESERT, CA

Landscape Architect created construction documents for landscape, irrigation and hardscape plans for the approximately three miles of parkway around 36 holes of golf. Hardscape plans included a meander sidewalk and perimeter accented block wall. Services included site observation during the construction process. Provided assistance in the approval process with the client, city and water district.

JOE MANN PARK - PALM DESERT COUNTRY CLUB NEIGHBOR PARK
PALM DESERT, CA

Project Leader for the design and construction of a three-acre neighborhood park. Created a sound working relationship with the design team (civil engineer, architect and client). Created construction documents for shade structures, drinking fountains, shade structures, trash cans, benches,basketball court, sand volleyball court, fencing, etc. Created landscape and irrigation plans.

RANCHO MARIPOSA - AREA 27 - RETENTION BASIN AND PERIMETER LANDSCAPE
COACHELLA, CA

Provided a color rendering, landscape, irrigation, hardscape plans, details and specifications. Hardscape plans included sidewalk, benches and concrete mow strip for the compacted granite pathway. Conduction Observation and Final walk-thru services were provide for quality control.

BEAR CREEK CHANNEL BIKE PATH
LA QUINTA, CA

Prepared landscape and irrigation plans for 1.6-mile-long bike path. Conducted construction observation for quality control during the installation of the landscape.

CITY OF COACHELLA
1515 SIXTH STREET, COACHELLA, CALIFORNIA 92236
PHONE (760) 398-3502 • FAX (760) 398-8117 • WWW.COACHELLA.ORG

ADDENDUM TO REQUEST FOR PROPOSALS
FOR PROFESSIONAL ENGINEERING AND LANDSCAPE ARCHITECTURAL SERVICES
FOR THE GRAPEFRUIT BOULEVARD URBAN GREENING AND CONNECTIVITY
PROJECT, CITY PROJECT NO. ST-123

ADDENDUM NUMBER 1

Addendum Date: August 15, 2019

Purpose: This addendum supplements, amends, and takes precedence over the original request for proposal (RFP) and shall be taken into account when preparing bid proposals, and shall become part of the contract documents. Offerors shall review the Addendum work and requirements in detail and incorporate any effects the Addendum may have in their scope of services and cost proposal.

Note: All requirements of the RFP documents remain unchanged except as cited herein.

Item #1 – Responses to Questions:

1. Are there any conceptual drawings available for us to review? ***Response: No, only the power point that was attached to the*** **RFP.**

2. In regards to Scope of Work, section 3, sub-section l, it states that the project manager to meet with City on a set schedule. Can these meetings take place via phone conference? ***Response: Yes, when it's appropriate.***

3. Under this contract, is it the City's intention to have the undergrounding of utilities? Will there also be the possibility of relocating utility boxes as well if in conflict? If relocating utility boxes is required, will the consultant need to coordinate with the local utilities or will that be done by others? ***Response: We are not planning to underground any utilities, but I'm sure that there will be conflicts and that will require coordination with utilities.***

4. Does the City have current street improvements plans that can be used for reference and early stage design work ***Response: No***, ***we may have some record drawings on file but the first task would be survey and record research to establish a base plan.***

Addenda Acknowledgement

5. On Page 4, Item 2a. There is a qualification requirement stating that indicates experience in right of way acquisition. On Page 7 Item B, the scope of work states all work is within the existing right- of – way. Please clarify this for us. ***Response: No right-of-way acquisition is required.***

6. Is the wayfinding signage shown in the RFP the intended design or will the consultant be responsible to produce a new design? ***Response: No, the signage was just an example.*** If they are the intended design, have similar style signs been installed in the City? ***Response: No, the city does not have an established sign program or branding.***

7. Does the City have a particular type of shade structures in mind and/or manufacturer? ***Response: No, we are open to suggestions that are functional and within budget.***

8. Is the intent to install decorative lighting or street lighting? ***Response: Safety lighting is primary focus, only minimal decorative lighting.***

9. Does the City have a structural section for the new pavement or will it be necessary to have a geotechnical engineer provide a recommendation? ***Response: City will provide minimal section requirements.***

10. Is it possible to get a copy of the Grant for the project? ***Response: The Grant will be provided to the selected firm.***

11. Is the project still due on August 20 at 2:00 PM? ***Response:*** **Yes.**

Acknowledgement: **Offerors must acknowledge** receipt of this Addendum by signing in the space provided below. All addenda shall be included in the appendices section of the Proposal. Failure to do so may result in rejection and disqualification of the Proposal.

Authorized Signature: Dawn C Kasner Date: August 19, 2019

Company: NV5, Inc.