



City of Rialto **Frisbie Park Sewer Lift Station Project** #190501

inter

July 25, 2019



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City of Rialto Public Works Department 335 West Rialto Avenue Rialto, CA 92376 Attn: Azzam Jabsheh, PE, TE Associate Civil Engineer

Subject:Construction Management, Inspection, Materials Testing and Certified Payroll Services
for the Frisbie Park Sewer Lift Station Project | City Project No. 190501

Proposer: Berg & Associates, Inc.

Dear Mr. Jabsheh:

We are pleased to submit our proposal to provide Construction Management, Inspection, Materials Testing and Certified Payroll Services for Frisbie Park Sewer Lift Station Project.

We are proposing Bruce Pretty as the Lead Inspector with support from Project Manager, Tom Berg, PE, QSD. Tom has over 40 years of resident engineering and project management experience, beginning his career with Caltrans Department of Structures. As Lead Inspector, Bruce brings a wealth of 36 years of experience in all aspects of civil construction, structures, utilities, pump stations, and roadways.

We've proposed Brenda Ramirez to serve as Contract Administrator. Materials testing firm, Ninyo & Moore, has provided testing services as a part of the Berg team for over 20 years.

We are committed to providing you a team that is experienced, cost-effective, and dedicated to delivering a successful project. We look forward to the opportunity to continue our working relationship with the City of Rialto.

If you have any questions, please give me a call at 310.548.9292.

We look forward to talking with you soon!

Sincerely,

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Deborah Berg, President/CEO

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- Cost Proposal
- (Separately Sealed)



A. Project Understanding, Approach & Scope of Services

A.1 Project Understanding

After an initial review of the plans and specifications, we understand that the Frisbie Park Sewer Lift Station Project contains these key elements:

- The project is estimated to be in construction for 90 workings days (approximately 4 months).
- The Engineer's estimate is between 1.4 and 1.7 million.
- The construction site which includes sewer mains and the sewer lift station will be located on the Northwest corner of Frisbie Park at the intersection of E. Easton Street and N. Eucalyptus Avenue.
- Frisbie Park will be under construction due to an expansion project until Fall 2020 which means that traffic control will not be necessary; however, coordination with the concurrent construction activity will be important.
- The major components of this project include the construction of a force main, two gravity lines, and a sewer lift station.
- The project will also include installation of new 4-inch diameter PVC pipe and 8-inch diameter clay pipe on East Easton Street and North Eucalyptus Avenue.
- The project estimated quantities includes 1,310 linear feet (LF) of 4-inch diameter pipe, 1.810 LF of 8-inch diameter pipe, 200 LF of laterals and 9 manholes.

- There are no residential sewer connections so coordination is limited to the park's contractor.
- There is a water line that crosses the sewer force main and attention will be necessary to ensure that the proper separation for sanitary sewer and the potable water line is maintained.
- Potholing the existing crossing utilities should be the first order of work to allow for any discrepancies that may result in a conflict with the gravity lines.
- The sewer lines are fairly deep and the contractor may choose to slope back the trench or use shoring. This is feasible because there is no public access; however, careful attention will need to be made to payment terms for excavation and backfill due to the extra soil handling generated by the contractor's means and methods.
- The contractor should order the power drop from SCE upon issuance of the NTP. All testing and commissioning require permanent power; given the short timeline for the project, it must be a priority item to stay within the schedule.

A.2 Approach

Quality construction does not just happen, it is the result of the successful alliance between the City, designer, contractor, and construction manager. Berg's approach to project management promotes teamwork and cooperation, understanding that a project's success depends on the success of each party. We have seen proof that continuous and effective communication is vital to the success of all projects, and we promote this by:

- Establishing clear lines of communication.
- Timely responses to RFIs and submittals.
- Being positive and cooperative.
- Managing schedule and quality through communication and coordination.
- Ensuring impeccable accountability utilizing the latest management tools.
- Building stakeholder and community support through open communications.



A.3 Scope of Services

Pre-construction Services

Our team will mobilize shortly before the start of construction and will use that time to become thoroughly knowledgeable of the project so that, we will be able to help answer contractor questions and discuss areas of potential concern. The team will use this time to set up project specific documentation templates to expedite the reporting process as construction begins.

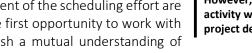
Constructability Review

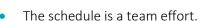
Berg is known for our insightful constructability reviews that have saved clients millions of dollars, as well as countless labor hours, by reducing changes during construction. Key areas to note include:

- Identifying ambiguities, conflicts, and potential deficiencies in the documents.
- Verifying contract provisions related to time constraints, jobsite access, contractor staging and storage areas, and temporary construction facilities.
- Ensuring that testing and acceptance criteria for material and equipment are clearly defined and appropriate.
- Verifying that existing conditions are properly reflected in the design.
- Review of staging, phasing and sequencing.

Pre-Construction Meetings

During the pre-construction meeting, we will review preliminary schedules, discuss procedures and to begin to build a collaborative stakeholder team between the contractor, the City, the designer, Berg, and third parties. The requirements and intent of the scheduling effort are also discussed. This is the first opportunity to work with the contractor to establish a mutual understanding of the project goals:





- Communications with team members is important.
- Consistent and clearly defined reporting is critical for effective communication. •

Contract Management and Certified Payroll Services

Contract Administration and Negotiation

Administration of the construction management contract involves managing staffing levels, budget, quality of service, and compliance with prevailing wages and other labor requirements. As administrators of the construction contract, we ensure that the contractor stays within compliance of the contract specifications with respect to budget, labor compliance, submittals, safety, schedules, payments, funding sources and permitting agencies.

Labor Compliance

The contractor and Berg will need to be registered with the Department of Industrial Relations (DIR) and to submit to the DIR electronic copies of certified payroll to demonstrate labor compliance. Brenda will receive





Frisbie Park will be under construction for the duration of this project, making traffic control unnecessary. However, coordination with the adjacent construction activity will be a key element of a successful and timely project delivery.

and log copies, then check them against daily reports, conduct periodic interviews of labor in the field, and monitor the changing labor compliance regulations.

Construction Management and Inspection Services

Construction Observation and Inspection Quality Assurance

Establishing a professional working relationship with the contractor so that we work as a team to identify potential problems and solutions as the work is planned is a powerful quality assurance tool. Our inspectors know where problem areas are likely to occur and what to look out for. If corrective work is required, we will have a thorough understanding of what needs to be done and can quickly inform you of the options available. A decision on how to move forward can be made swiftly and corrections or adjustments executed before work is completed, saving time and cost of redoing work.

We will identify any non-conforming items prior to their incorporation into the work and immediately notify the contractor to start corrective action to prevent additional deficiencies. If the contractor fails to perform to the specified standards, our team will notify the City's Project Manager and provide recommendations for appropriate curative actions.

Our team is well versed in Greenbook Standards. Frequency of testing will be coordinated using applicable standards. This will ensure a planned method of operation and ensures there is no need to stop and hold up the work for verification testing later.



Lead Inspector / Construction Manager, Bruce Pretty, is prepared for documentation and observation in the field.

Lift Station Inspection

Berg often brings subconsultants such as 3QC and On-Site Technical onboard to support with lift station commissioning and specialty inspections. We have noted in our project understanding that testing and commissioning will be included in the contractor's services. However, we are capable of coordinating quality subconsultants for assistance with the lift station should any additional services be required. On-Site provides third-party quality assurance services in all phases of manufacturing and fabrication, including material verification, welding, machining, non-destructive testing (NDT), coating, and functional testing at fabricators all over the world. Bruce will conduct all oversight inspection for the lift station commissioning.

Daily Reporting

Bruce will provide a detailed daily report that includes a summary of daily activities, RFI responses, submittal reviews, work conducted, meetings conducted and/or coordinated and any other pertinent information of the day. In addition to these items, his daily inspection work reports will record the weather, manpower and equipment on site, work performed, and any significant occurrences, concerns, communications or visitors to the site. He will also take representative photographs of activity.

Bruce makes a point of having consistent daily communications with his clients and will keep the City's Project Manager informed of work activity. A short call does not replace a daily report, but it does ensure that everyone is well informed of the day's issues, progress, and allows the opportunity to answer any questions that may have surfaced from normal activities that day.

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- Charleston		SP 2383		
		Monday		
Date: 6/5/17		Weather:	dear/warm	PG:1 of 1
Location: Ocean Ave				Calendar Day # 151
Project: SP2383 Santa Monica Water Main Regi		orked MM:	20099	Rain/Delay days: 15
Contractors Employees	Equipment		Materials	Ticket #
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Steve Contreras	Service truck			
Arnoldo Montenez	Loader			
Chris Valadez	Excavator "rental"			
Rudy Lopez	Flatbed			
Daniel Juarez Erick Gomez	Backhoe Skip Loader			
Linck Gomez Jose Banuelos	Skip Loader Boller			
	R.C. IN			
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Weekly Reporting

Weekly reports contain "look-ahead" schedules, reviews of meetings, a summary of work activities, and schedule updates from the week. These reports are very important for monitoring the contractor's schedule and having a detailed look into each week of the project.



Project Meeting Coordination

Our team will prepare the agenda, chair all meetings, and issue subsequent meeting notes. In addition to weekly progress meetings where safety, anticipated work, schedule, and submittals are discussed, there may be internal meetings with the City or issue resolution meetings. Tailgate, weekly and monthly safety meetings and third-party coordination meetings will also be held.

Review of Shop Drawings and Submittals

We promptly process submittals, including shop drawings, samples, and other data submitted by the contractor. To ensure that submittals are complete prior to processing, we review each submittal for compliance with the specifications before forwarding them on for review. When submittals are returned, our field staff verifies that those the designer wants resubmitted do indeed require resubmittal. If an "approved as noted" action can be used in lieu of resubmittal, time is saved. All submittals and associated actions taken for each submittal are logged and tracked in the project submittal log.

Response to RFIs

Contractor's Requests for Information are responded to quickly. We will respond to the contractor if the RFI does not need the City or designer's input, and copy the response to the City and the designer. If input from others is required, we follow up to ensure the response is timely. An RFI response is not a contract change; however, it can indicate that a change should be initiated, in which case we will follow up appropriately.

Verify Quantities

A crucial task for Bruce is to verify quantities for recommended payment of the contractor's monthly pay application. Spreadsheets are used to track bid items such as the amount of concrete used for each concrete mix design, the amount of asphalt placed per mix and day, the amount of aggregate base placed, etc. This is also used to ensure quality assurance testing frequencies are met in a timely manner.

Payment Applications

Bruce will receive, review and recommend to the City for payment the construction contractor's pay applications, having verified quantities, and pertinent supporting documentation. All pay items are documented on Quantity Sheets (Q Sheets) per Caltrans procedures.

Schedule of Values

Establishing an agreed upon schedule of values to break down lump sum bid items will facilitate an accurate assessment of work progress and subsequent payment to the contractor. Our management team is diligent to make sure that the amount paid to the contractor never exceeds the value of the work done in the field.

Progress Payment Estimates

Timely processing of progress payments represents a significant factor for the success of the project. We will verify measurements and quantities of work completed and compliance with contract. Current and accurate daily reports serve to facilitate the process. *It is important to encourage the contractor to submit timely billing and then to pay quickly for work completed to avoid delay claims.*



Document Control

Bruce will maintain daily job dairies, drawing logs, monthly reports, description of work completed, work forecast, cost forecast, and change orders completed and pending. Sierra will track all correspondence during the course of project work. She will receive all project documents and will "date stamp" confirmation of receipt. Recording the date received, transmitted and returned is essential to good document management. All documents will be scanned, filed and managed both electronically and in a paper file. One of our project management tools that we utilize to ensure quality document tracking is a program called Airtable. This innovative tool is accessible to all team members online and allows everyone on the team the ability to easily filter, sort and group project documents. The calendar format provides efficient visualization to keep track of relevant response dates associated with each document.

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2 Exhibit for Randall Ave. Imp	Out	4/15/2019	05.01.03	XMTL	Exhibit for Randal	Ave. Improvement	Cat. 005	
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CATEGORY/REFERENCE Cat. 009 Count 4								
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6 NOIT-003 for 06/11/19	In	6/7/2019	09.01.01	NOIT	NOIT-003 for 06/	1/19	Cat. 009	
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We use Airtable to	help							
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Sierra to notify Bru	ice of REP-00	1 Randall Ave. TCE Dates	NOIT-002 for 06/07/19		/ NOIT-003 for 06/11/19		RFC-002 Waterline Remov.	. 2

specific documentation that may need attention for an upcoming response deadline.

		WPM-004 05/22/19 Meeting	Pay Estimate-002		
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Photographic Records

We compile an extensive photographic record of the project – showing the existing condition of the area prior to the start of construction, regular project progress and the final as-built condition prior to and at completion. We index photographs by date and by specific issue, as appropriate, for easy identification. We can provide videos and still photography. Berg has drone capacity for video or photos to document project progress with the approval of the City. We often will fly at about 150 to 180 feet elevation to get shots of areas before mass excavation or paving so that we have good before and after photos of the work. Photo documentation of safety concerns, questionable work quality, coordination activities, work progress, extra work account activity, matters involving adjacent property and right-of-way issues will be logged and tracked.

RFC-002

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Yard Use Agr

NOIT-001 for 06/05/19



Monitor As-Built Documentation

We will verify that the contractor maintains the required as-built drawings assuring that they are complete and current. Bruce will also maintain his own set of red-lined as-built record plans for comparison and verification.

Health and Safety Monitoring

We work to ensure that we provide an environment that is conducive to safe construction and operations activities and that promotes safety on and around the project site.

A safe project site is a productive site.

While we do not want to interfere with the contractor's means and methods of performing their work, there are several things that we can do to promote a positive attitude towards best practices:

- Remind the contractor of the requirement to implement an approved safety program
- Participate with the contractor in safety reward lunches
- Report unsafe acts or conditions
- Promote the tracking and posting of project safety statistics

We conduct a review of the site to verify all safety measures are in place and we look beyond the immediate limits of the project to see if an unintended consequence is a result of the project set-up. Our field staff is OSHA and HAZMAT trained and promotes safe practices by pointing out equipment or situations that are not safe and praising a safe work approach.

Subconsultant Coordination

Bruce will request testing or field observation from Ninyo & Moore, as necessary for the project. To do this, she submits a Notice of Inspection and Testing (NOIT) form to the subconsultant. This form is then kept for documentation. Sierra will maintain a log to keep track of subgrade testing, soils compaction, and all other project testing done by Ninyo & Moore. She will keep a log of the subsequent test results. All logs and documentation will be maintained and updated in order to verify the work conducted for progress payments.

Materials Testing Services

Geotechnical Understanding

The lift station construction will include site grading, concrete equipment pads, dry wells and wet wells, a shade structure, fencing with masonry pilasters, lights with caisson foundations, yard piping, new sidewalk and rip rap. The earthwork recommendations in the project geotechnical report include removal of the existing undocumented fill to 6 feet below existing grade. The recommendations also include over-excavation and recompaction in order to have 2 feet of engineered fill below planned foundations and 4 feet of engineered fill below paved areas. Ninyo & Moore's services include:

- Project coordination, management and technical support including review of the project geotechnical reports, plans and specifications, work scheduling and distribution of test data.
- Attendance at pre-construction meetings and as-requested field meetings.
- Material testing of soil, concrete, aggregates, masonry and other materials as required per the plans and specifications.
- Field Technician services for observation, sampling and testing during concrete and grout placement, including checking slump, temperature, and age of concrete and grout delivered to the site.
- Compressive strength samples will also be cast to represent each batch of material.



- Field Technician services for observation and testing during site earthwork, subgrade preparation, trench backfill, structure backfill, aggregate base placement, and during AC pavement placement.
- Field density testing will be performed to evaluate the Contractor's compaction operation.
- Provide timely and accurate reports of all testing and inspections.
- Laboratory testing including Proctor density, sieve analysis, sand equivalent, durability index, R-value, compression testing of concrete and grout samples obtained in the field.
- Preparation of a Final As-Graded Report which presents the results of our field observations and summarizes our field density test results.

Post-Construction Services

Timely closeout requires that project documents be kept current throughout the duration of the construction phase.

Punch listing

Once substantial completion occurs, a punch list is developed of items requiring the contractor's attention to be completed. During this period, warranties for equipment, instrumentation, and guarantees are verified, compiled, and filed. Sufficient payments will be held back so that discrepancy lists are completed in a timely manner.

Closeout Documentation

As construction work approaches completion, we work with the contractor to coordinate the collection of warranties, guarantees, lien releases, spare parts, operation and maintenance manuals, and record documentation. We review documentation to make certain that it is in the proper format and contains the information required by contract. We compile this information to verify that all documentation is complete prior to issuing a Certificate of Substantial Completion.

Redline As-Builts

Bruce will maintain redline as-built plans throughout construction. As RFIs and design clarifications are issued, we incorporate the changes into the redline as-built plans. Any additional contractor as-built deviations from the design documents are included in the redline as-built plans. At the conclusion of the construction phase, we forward the redline as-built plan to you for preparation of the project's official as-built plans.

Turnover of Documentation

Completion of construction is not completion of the project. Once the work has been accepted as substantially complete, there are a number of items that need to be managed in order to put the system into operation:

- Completion of all punch list items
- Warranties, guarantees, and technical manuals have been properly submitted
- All outstanding submittals have been accepted
- All outside regulatory agencies have signed-off
- All commissioning work has been completed
- As-built drawings and specifications have been received and verified
- Record drawings have been received and accepted
- Spare parts and special tools have been delivered and inventoried

We provide assurance that all contractual issues have been resolved.



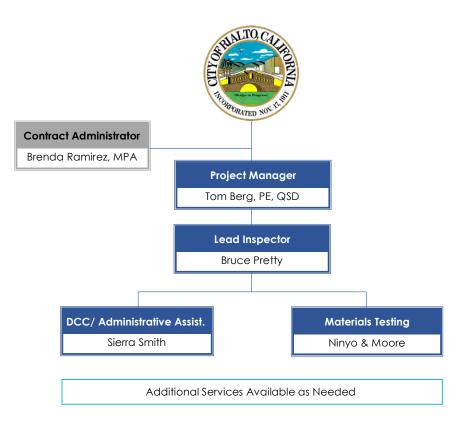
B. Project Team Qualifications

With the variety of projects we have managed, we are able to assess the level of service required to deliver a quality project within the timeframe you need it. Comprised of licensed personnel with degrees in civil, electrical and mechanical engineering, public policy, construction management, office engineering, public communications and public relations, Berg offers a workforce with technical certifications and years of experience with construction means and methods. We are team players you will enjoy working with. We believe in safety first. We thrive on challenges. Each project is uniquely important to us!

Berg's team selected to deliver this project are all tried-and-true Berg staff who bring special talents which collectively will ensure this project's success.

B.1 Organization Chart

We have provided a cost-effective and work-efficient team to ensure a timely delivery of construction management and inspection services for the Frisbie Park Sewer Pump Station. Below is the organizational chart of our proposed team.







Years of Experience: 40 Years with Berg: 40

Education/Certifications

B.S. Civil Engineering B.A. Social Sciences Professional Engineer No. 28449 Qualified SWPPP Developer AQMD PM-10 Certified Coachella Valley Fugitive Dust **Control Class** Concrete Field-Testing Technician Grade I Roadway Worker Protection Training Confined Space Water Pollution Control Crystalline Silica Supervisor and Worker Training Cal-OSHA Safety Trained



Years of Experience: 36 Years with Berg: 20

Certifications/Training

Roadway Worker/ On track Safety Certified Metrolink-trained flagman OSHA 30-Hr. Construction Industry Outreach Training 40-Hr. HAZWOPER certified Asbestos Supervisor OSHA Permit-Required Confined Space Entry Crystalline Silica Supervisor and Worker Training

B.2 Project Team

The team we have built is equipped with licensed, certified, and qualified professionals to ensure that the City will be satisfied with a project that is completed on budget and on schedule. Below we have outlined each person's qualifications as well as their specific role, responsibilities, and level of effort on this project.

Project Manager | Tom Berg, PE, QSD/QSP, Berg

QUALIFICATIONS: Tom has over 40 years of public works project management experience on a variety of projects. He has extensive experience with Caltrans federal and local procurement requirements and projects involving Hazmat, PM-10 and SWPPP. Tom is known for mitigating scheduling obstacles, resolving utility conflicts and successful claims avoidance, as well as insightful constructability reviews and efficient, high-quality project delivery. His experience with complex, multi-phased projects include structures, land development, wharfs, bridges, highway and street improvements, pipelines and pump stations, and railroad grade separations.

ROLE: As Resident Engineer, Tom will provide assistance with submittal review, change order management, and claims avoidance. He will be responsible for the projects overall quality and will stay in contact with construction manager and lead inspector, Bruce Pretty, as well as communicating with stakeholders and the City as needed. As a cost savings measure, we have estimated about 16 billable hours per month to add quality assurance on the project.

Lead Inspector | Bruce Pretty, Berg

QUALIFICATIONS: Bruce Pretty has 36 years of public works construction experience, both on the contractor and the construction manager side. Bruce easily interfaces with agency project managers, contractors and stakeholders. He specializes in coordination of quality assurance and inspections, issue resolution, utility installations and relocations, roadway improvements, community improvement projects, transit and rail projects. With Berg for 20 years, he served 9 of those years on the Alameda Corridor where he was lead inspector for the Anaheim Street Pump Station. Bruce has also served as Assistant Resident Engineer on Caltrans highway projects. He excels at coordination of monitoring field activity and is thoroughly familiar with Caltrans Standard Specifications, Greenbook, and OSHA Construction Safety requirements.

ROLE: As lead inspector, Bruce will be on site daily to oversee all construction activities, coordinate with subcontractors, and manage the day-to-day operations of the project. He will generate and process all reports and project documentation necessary to facilitate a timely project delivery. Bruce will be the point person, both in the field and office, and will communicate all significant activity or potential concerns to the City.





Years of Experience: 2 Years with Berg: 2

Education/Certifications B.S. Civil Engineering (anticipated 2022)



Years of Experience: 15 Years with Berg: 7

Education/Certifications

Masters Public Administration B.S. Anthropology/Law & Society LEED AP Training Roadway Worker – PHL Long Worker – PHL Procore, Buzsaw Bilingual – Spanish

Document Controller / Administrative Assistant | Sierra Smith, Berg

QUALIFICATIONS: Sierra has 2 years of experience working in construction management with Berg & Associates, Inc. Starting as an intern in 2017, Sierra has developed an array of skills and understanding in document control and project quality assurance and has become a valuable asset to have on projects. She is skilled at establishing and maintaining the project documentation filling system and assisting the construction manager with coordination project meetings. Sierra is currently pursuing Civil Engineering at California State Polytechnic University, Pomona, and has a current GPA of 3.50.

ROLE: We believe that document control is a fundamental part of every project, as it provides the foundation for the organization of all project documentation which is an essential support for compliance with funding and regulations as well as claims management. Sierra is available 8 hours per week to track, file, and distribute project documents. She is currently supporting on the Alder/Randall Street Improvement Project so is already familiar with City personnel and procedures.

Contract Administrator/Certified Payroll | Brenda Ramirez, MPA, Berg

QUALIFICATIONS: Brenda Ramirez has over 15 years in program management, program evaluation, and administrative services at a corporate, federal, state, local and non-profit level. She holds a Master's in Public Administration from the University of Southern California with a concentration in city and county management. Brenda is responsible for critical project administration functions including contract management, document control, project communications, and progress payment applications. Brenda takes a proactive approach to making sure her projects meet contract requirements and owner objectives. On the federally-funded South Bay Workforce Investment Board, she re-designed the training curriculum to focus on more specialized construction health and safety training to meet PLA contract requirements. This resulted in higher participant enrollment, increased job retention and union job placement.

ROLE: During pre-construction, Brenda will support with contract negotiation and administration. Throughout construction, she will perform labor compliance employee interviews to the contractor's construction crews working in the field. Brenda's construction management experience, bilingual skills, and administrative background make her extremely qualified to provide contract and certified payroll services.







Position with the Company Project Manager & Resident Engineer

Length of Time with the Company

40 Years with Berg

Licenses, Registrations and Certificates

Registered Professional Engineer, Civil, CA, No. 28449

Qualified SWPPP Developer

AQMD PM-10 Certified

Coachella Valley Fugitive Dust Control Class

Mining and Tunneling Unit – Certified Gas Tester Seminar, Certified Safety Representative Seminar

Concrete Field-Testing Technician Grade I

Roadway Worker Protection Training

Confined Space

Water Pollution Control

Crystalline Silica Supervisor and Worker Training

Cal-OSHA Safety Trained

Educational Background

BS Engineering, California State University, Fresno | 1973

BA Social Sciences, California State University, Fresno | 1967

TOM BERG | PE, QSD

Project Manager

Experience

Tom Berg, PE, QSD, has 40 years of experience as Project Manager and Resident Engineer on a variety of capital improvement construction projects. His specific expertise includes rail, roadway and highway structures, grade separations, bridges, signalization and traffic control, street improvements, storm drain systems and waterline installations. He has extensive experience with Caltrans federal and local procurement requirements and projects involving Hazmat, PM-10 and SWPPP. Tom is known for mitigating scheduling obstacles and successful claims avoidance, as well as insightful constructability reviews and efficient, quality project delivery.

Work History

Senior Resident Engineer, Fullerton Road Grade Separation, Alameda Corridor East Construction Authority (ACE), City of Industry, CA. Berg & Associates, Inc. 2015 – 2019. Tom provided constructability review comments for 65% and 100% plans for this \$84 million grade separation project in the City of Industry that includes the overcrossing of the Union Pacific Railroad Bridge, a pedestrian bridge, the Railroad Street vehicular undercrossing and a large pump station. He provided resident engineering expertise including reviewing and responding to contractor requests, stakeholder management, and third-party coordination with the Water Department, Verizon and Southern California Edison. The utility relocations required assisting with right-ofway control points and traffic control within high volume commercial truck and train traffic in the City of Industry.

Project Manager, Raymond Avenue Grade Separation, OCTA/City of Fullerton, CA. Berg & Associates, Inc. 2013 – 2019. Tom oversaw change management and assisted with reviews and responses to Contractor submittals for this \$55 million Orange County Transportation Authority (OCTA) Grade Separation Corridor project. Work included the relocation of major utilities and installation of a new waterline. Tom participated in coordination meetings with the OCTA, the City and with adjacent OCTA Corridor projects.

Lead Construction Manager/Principal-in-Charge, Green Port Gateway Rail Project (Track Realignment at Ocean Blvd. and Pier F Support Yard Project), Port of Long Beach, CA. Berg & Associates, Inc. 2012 – 2014. Tom supervised the construction management staff, coordinated project meetings, reports, field operations and provided



technical reviews and responses to Contractor submittals for the \$93 million capital improvement program to reconfigure, upgrade and modernize Ocean Blvd. and the Pier F Avenue Support Yard. The project included significant utility relocations and was challenged with discovery of multiple manmade underground obstructions.

Project Manager, I-10/Riverside Avenue Interchange, SANBAG, Rialto, CA. Berg & Associates, Inc. 2009 – 2012. Tom coordinated with SANBAG in monthly status meetings and oversaw staffing for this accelerated, federally-funded \$34 million interchange project that replaced an existing five-lane bridge over the I-10 freeway with a newly constructed nine-lane bridge. The project required coordination with Caltrans and City traffic management systems, multiple utilities, public outreach, and a freeway closure for an entire weekend during demolition.

Project Manager/Senior Construction Manager, Harry Bridges Blvd. Buffer and Voluntary Street Improvements Projects, Port of Los Angeles, Wilmington, CA. Berg & Associates, Inc. 2008 – 2011. Tom led the Berg team to provide project management and contract administration for a landmark \$55 million park development designed by award-winning Sasaki Architects. The park, which has been received with accolades by community constituents, is in high use by all ages. The park boasts spectacular views of Port operations and includes four bridges, water features, state-of-the-art playgrounds, soccer fields, picnic areas, pavilions and public facilities. Tom also managed the construction of the adjacent \$22 million widening of Harry Bridges Boulevard, a main thoroughfare for trucks leaving the Port providing access to the 110 Freeway. The federally funded 1.3 mile street improvement realigned Harry Bridges Blvd. and provided landscape the length of the park and shoulder including bus stops, new turn lanes, and signalization.

Project Manager/Resident Engineer, Assessment District 29, City of Palm Desert, CA. Berg & Associates, Inc. 2006 – 2008. Tom was responsible for complete construction management services and supervision of inspection, project controls and subconsultants for survey and materials testing for this \$15 million development project that involved construction of deep sewer and storm drain lines, waterlines, roadway, curb, gutter and sidewalks. Work was performed in desert conditions, requiring full conformance with AQMD PM-10 mandates. Project Manager/Resident Engineer, Portola Avenue Bridge Widening, City of Palm Desert, CA. Berg & Associates, Inc. 2005 – 2007. A four-span \$11 million structure utilized pre-cast I girders on a C.I.D.H. pile foundation. Tom performed constructability review, assisted with bid process, and managed the project on a daily basis, chairing weekly meetings, monitoring schedule, budget and work progress. He reviewed and processed all project correspondence, negotiated and implemented changes, and was the primary point of contact for the community of surrounding residences, golf club, school and commuters on the busy thoroughfare.

Project Manager/Resident Manager, Eisenhower Drive Bridge Widening, City of La Quinta, CA. Berg & Associates, Inc. 2005 – 2006. This \$5 million multi-phased bridge widening over a storm drain channel involved conventional retaining walls, street widening, curb and gutter, sidewalk and revised signalization at the intersection of 50th Street and Eisenhower Drive. Tom served as liaison with the Coachella Valley Water District, which maintained the flood control channel, and interfaced with golf course executives and public users.

Project Manager, SR-60 Bridge Widenings and HOV Lane Construction, Riverside County Transportation Commission, Moreno Valley, CA. Berg & Associates, Inc. 2003 – 2005. This \$35 million project, funded by federal CMAQ funds to relieve congestion on State Route 60, included 16 miles of median construction and HOV lanes, the widening of three bridges, demolition of two bridges, construction of three new bridges, sound wall construction, utility relocation, three signalized city street intersections, SR 60 on-off ramp metering and fiber optic installation for Caltrans CCTV. Tom was on site daily throughout this Caltrans oversight project that required interaction with property owners adjacent to site, as well as coordination with utility companies.



Project Manager/Resident Engineer, Avenida de las Banderas Overcrossing, City of Rancho Santa Margarita, CA. Berg & Associates, Inc. 2001 – 2002. A two-span overcrossing of SR-241, built in conjunction with Caltrans and the TCA, eliminated city street congestion and involved interface with adjacent school and senior citizens center.

Project Manager, Berg & Associates, Inc. Constructability Review of Pier 400 Wharf Project and Berth 144 Wharf, Port of Los Angeles, CA. Tom's recommendation of construction staging allowed early tenant occupation. Reviewed contract documents to provide bidability and constructability comments in the client's program to perform claims avoidance measures prior to advertisement for bid of the Pier 400 Wharf and Backlands project. Total project costs exceeded \$180 million.

Resident Engineer, Seaside Avenue/Navy Way, Seaside Avenue/Navy Mole, New Dock and Henry Ford Avenue/New Dock Street Grade Separation Projects, Port of Los Angeles, CA, Berg & Associates, Inc. Management of four intertwined grade separation projects totaling \$85 million. Work included pump station wick drains, stone columns, MSE walls, extensive railway expansion and utility relocations. Responsibilities included constructability review, change orders, RFIs, RFQs, value engineering, project documentation, quality assurance, coordination of communications with Port staff, contractors, designers, numerous third-party agencies and community, and participation in and facilitation of partnering.

Resident Engineer, Whitewater Wash/Washington Street Bridge, City of La Quinta, CA, Berg & Associates, Inc. \$2.4 million bridge near Highway 111 in Palm Desert. Served as subconsultant to designer, DMJM; however, Berg had complete responsibility for construction management. Construction of the Whitewater River Bridge involved removals, layout of traffic control, river channel improvements, sidewalk, curb and gutter, pavement, storm drain installation, waterline relocation/construction, street striping, traffic signs, intersection signals and controls and extensive interaction with local residents and businesses.

Resident Engineer, Berg & Associates, Inc. Limonite Avenue Grade Separation/Pedley Commuter Rail Station, County of Riverside, CA, Berg & Associates, Inc. Located at a busy intersection, the project was constructed simultaneously with adjacent Tranny-Award-winning Metrolink Blue Line Station, and included construction of a pump station. Tom was responsible for administration, inspection and coordination with County, local residents and businesses, Metrolink and Union Pacific for both projects totaling \$10 million.





Position with the Company Construction Manager & Rail Specialist

Length of Time with the Company 20 Years with Berg

Licenses, Registrations and Certificates

Metrolink Roadway Worker Protection Training

OSHA Permit-Required Confined Space Entry

OSHA 30-Hr. Construction Industry Outreach Training

Crystalline Silica Supervisor and Worker Training

40-Hr. HAZWOPER Certified Asbestos Supervisor

BRUCE PRETTY

Lead Inspector

Experience

Bruce Pretty has 36 years of public works construction experience specializing in coordination of quality assurance and inspections, issue resolution, utility installations and relocations, roadway improvements, community improvements, transit and rail projects. With Berg for 20 years, he served nine of those years on the Alameda Corridor as project administrator and inspector for bridges, railroad grading construction – including crossings, street improvements, utility relocations, sound walls, structural walls, pump stations and storm drain pipeline construction. Bruce also served as Assistant Resident Engineer on Caltrans highway projects. He excels at coordination and monitoring of field activities and is thoroughly familiar with Caltrans Standard Specifications, GreenBook, Railroad Construction Standards and OSHA Construction Safety requirements.

At the Port of Los Angeles, Bruce served as Lead Construction Manager for the Wilmington Waterfront Park. He has also served as Project Manager for several neighborhood improvement projects throughout the City of Los Angeles including median and roadway improvements, landscaping and irrigation systems, lighting, city welcome signs, façades, parks, playgrounds and bus shelters. He has extensive experience working with BOE, LADOT, Bureau of Streets and Lights, and many other City departments.

Work History

Lead Inspector, Bike Network Linkages to Exposition Line, City of Santa Monica, CA. Berg & Associates, Inc. 2018 – 2019. Bruce provided inspections for the City of Santa Monica's Bike Linkages network project. He oversaw the contractor during installation of 36 intersection traffic cameras, over 1,200 bike racks throughout the city, and the painting of 527,000 square feet of bike lanes.

Inspector/Construction Manager, Fullerton Road Grade Separation Project, SGVCOG/Alameda Corridor-East (ACE), City of Industry, CA. Berg & Associates, Inc. 2016 – 2018. Bruce oversaw quality assurance and the documentation of all field construction activity for this \$84 million grade separation including the overcrossing of the Union Pacific Railroad Bridge, a pedestrian bridge, and the Railroad Street vehicular undercrossing.

Lead Construction Manager, Green Port Gateway Rail Projects (Track Realignment at Ocean Blvd and Pier F Ave Support Tracks), Port of Long Beach, CA. Berg & Associates, Inc. 2013 – 2015. Bruce led and supervised the Berg construction management team and the coordination of inspection and administrative services for this dual linear \$93 million capital improvement program to reconfigure, upgrade and modernize Ocean Boulevard and the Pier F Avenue Support Yard. The project, which realigned and refurbished existing active railroad track



and added a new track along Pico Boulevard from 9th Street to Pier G South, facilitates dock-to-rail movement of goods, reducing trip delays and improving air quality. Work included extensive utility interferences, over 5,000 feet of retaining walls, 35,000 feet of railroad track, 120 feet of High Mast Light Poles and construction of a pump station, extensive trenching and shoring for new utility installations and testing and disposal of (\$5 million) contaminated soils. Bruce supervised field services with Port construction managers, inspectors and surveyors, as well as third parties and adjacent construction projects to accommodate tenant schedules within active operational terminals. *CMAA award winning project in 2017**

Rail Specialist, Union Station Platform 7 Reconstruction, SCRRA/Metrolink, Los Angeles, CA. Berg & Associates, Inc. 2011 – 2013. Bruce served as lead construction inspector for an \$8.5 million retrorestoration of a 1930's railroad platform at Los Angeles Union Station serving AMTRAK and Metrolink. Work included reconstruction of Tracks 13, 14 and 15 – which had been removed from service more than 35 years ago – construction of new north and south stairways and accessible ramps connecting to the main passenger tunnel. This multiple award-winning project also included train yard communication upgrades and backup electric systems. Awarded the 2013 APWA Project Achievement Award: Transportation Infrastructure and the 2013 WCCC Outstanding Project Award: Infrastructure*

Construction Manager, Wilmington Waterfront Park, Port of Los Angeles, CA. Berg & Associates, Inc. 2009 – **2011.** The Wilmington Waterfront Park was designed as an element of the Berths 136-147 (TraPac) Container Terminal Project to provide public open space between Port operations and adjacent residences in Wilmington. The projects included the widening of Harry Bridges Boulevard and constructing a new 30-acre buffer area between "C" Street and Harry Bridges Boulevard. The project transformed vacant Portowned property into a low landform with gentle grades, pedestrian bridges, landscaping and hardscaping, walkways, European benches, water features, restrooms, drinking fountains, a playground, bike paths, public pavilions, picnic areas, three bridges, two buildings and parking lots. There were significant utility relocations for SoCal Gas, LADWP, and fiber optics as well as new roadbed and pedestrian lighting and hazardous materials removals. Bruce monitored all field activities, documented quality assurance and oversaw contract and environmental compliance on the construction of the \$55M park project. *This project won nine awards for excellence**

Lead Inspector, K-PAC Track Connection Facility, Alameda Corridor Transportation Authority (ACTA), Wilmington, CA. Berg & Associates, Inc. 2008 – 2009. Bruce oversaw the construction of a signalized track connection to improve the speed of trains from the Ports through the Alameda Corridor from BNSF's Watson Yard in Rancho Dominguez to the Southern Pacific Railroad in San Pedro Branch and to an alternate connection from Long Beach lead to the Alameda Corridor. The \$3.5 million project included utility relocations for Shell Oil, Mobil Oil and the LADWP overhead transmission and distribution lines. Work was done within active freight rail lines and included track installation, insulated joint installation, CP Houses, and signals. Parking lot site improvements were completed in an operating truck transfer facility to facilitate a property exchange.

Lead Inspector, Bandini Canyon Park/Wilmington Gateway/El Sereno/Valley Glen/Kenneth Hahn Bridge/Baldwin Hills Scenic Overlook, Los Angeles Neighborhood Initiative (LANI), CA. Berg & Associates, Inc. 2006 – 2008. Bruce provided project management and periodic on-site inspections on several neighborhood improvement projects within the City of Los Angeles, including the Byzantine-Latino Quarter, Leimert Park and Boyle Heights. Projects included new median landscape, irrigation systems, lighting, city welcome signs, façades, park improvements and bus shelters. Bruce provided progress and change reports, as well as field technical support for the construction phase of the contracts.

Lead Inspector, Signalization Projects, City of West Hollywood, CA. Berg & Associates, Inc. 2006 – 2007. Bruce was responsible for site review, plan review, interface with the designer, bid period Q&A, pre-bid



meetings, monitoring construction contractors, inspecting work, reviewing and approving pay estimates and submittals, developing a punch list and maintaining project documentation for compliance. The City of West Hollywood was the lead agency for a regional traffic signal improvement program for the Westside North-South Arterial Corridor where work included three separate contracts under a Metro grant for 15 signalized intersection improvements, CCTV cameras, traffic loops, new controllers and structures.

Office Engineer/Lead Inspector, Alameda Corridor Rail and Grade Separations, Alameda Corridor Transportation Authority (ACTA), Wilmington, CA. Berg & Associates, Inc. 1999 - 2008. Projects included Compton Creek Railroad Bridge, UP Filler bridge, Watson Lead, "O" Street Grade Separation, Anaheim Street Pump Station, Alameda Bridge Widening, Delores Yard, and Thenard Rail Yard as well as Railroad control points at the port. Bruce provided field inspection throughout construction and coordination of special inspection required for testing and commissioning of the Los Angeles County pumping station. Working with the LA County staff, the project was completed and functional as designed. Bruce was responsible for reviewing and responding to submittals, tracking changes, inputting data input to Primavera Expedition Project Management software, schedule review and quantity takeoffs for estimates.





Position with the Company DCC / Administrative Assistant

Length of Time with the Company 2 Years with Berg

Licenses, Registrations and Certificates N/A

Educational Background

BS Civil Engineering, California State Polytechnic University Pomona | 2022

SIERRA SMITH

DCC / Administrative Assistant

Experience

Sierra has 2 years of experience working in construction management with Berg & Associates, Inc. Starting as an intern in 2017, Sierra has developed an array of skills and understanding in document control and project quality assurance; and, has become a valuable asset to have on projects. Sierra is currently pursuing her Civil Engineering degree at California State Polytechnic University, Pomona and has a current GPA of 3.50.

Work History

Document Control, Alder Avenue and Randall Avenue Street Improvements Project, City of Rialto, Rialto, CA. Berg & Associates, Inc. 2019. Sierra is supporting Berg's lead inspector and construction manager by maintaining project timely, accurate, and efficient

documentation files on this dual roadway project for the City of Rialto. The street improvements include curb and gutter, paving slurry seal, street lights, traffic signal modifications, hydrant work and landscape.

Document Control/Quality Assurance Assistant, Raymond Avenue Grade Separation, Orange County Transportation Authority, Fullerton, CA. Berg & Associates, Inc. 2018 – 2019. Sierra controlled and processed incoming and outgoing documents for this project and assisted with logging and reviewing payroll. She reviewed Quality Assurance and Engineering submittals and organized meetings with project contractors. The \$45 million grade separation in the City of Fullerton required coordination with multiple third parties and with adjacent ongoing grade separation construction projects in the Orange County Transportation Authority Rail Corridor.

Project Intern, Berg, 2017-2018. Sierra assisted with document control in Berg field offices and helped to maintain project organization.





Position with the Company Director of Strategic Planning

Length of Time with the Company 7 Years with Berg

Licenses, Registrations and Certificates Roadway Worker – PHL

Lone Worker – PHL

Proficient in Procore, Buzzsaw

Educational Background

Masters of Public Administration, USC

B.S. Anthropology/Law & Society, University of California Riverside

BRENDA RAMIREZ, MPA

Contract Administrator

Experience

Brenda Ramirez has over 15 years of experience in program management, program evaluation, and administrative services at a corporate, federal, state, local and non-profit level. She holds a Masters of Public Administration from the University of Southern California with a concentration in city and county management. Brenda has extensive experience in report preparation and excels at data compilation and cost forecasting. She is responsible for critical project administration functions, including contract management, document control, project communications, and progress payment applications. Brenda takes a proactive approach to making sure her projects meet contract requirements and owner objectives.

Work History

Document Controller, Fullerton Road Grade Separation, SGVCOG/ Alameda Corridor-East (ACE), City of Industry, CA. Berg & Associates, Inc. 2016 – On-going. Brenda provides office management and office engineering support in addition to being responsible for document control. She assists with personnel

onboarding, trains personnel on Procore and helps resolve inefficiencies in the program. She customizes Procore modules to conform to ACE's requirements, receives and processes, tracks and logs, in Procure, all project documentation including submittals, all project correspondence, RFIs, RFQs, CCOs and potential changes. Brenda assists with estimates and tracks all project costs for both the contractor and the construction management team. She compiles work progress data from inspection reports and meeting notes to assist the Resident Engineer in preparing the weekly and monthly project status reports. She compiles and disseminates meeting notifications, agenda, and meeting minutes. She gathers and confirms completeness of inspection and all staff daily reports and labor compliance certified payrolls. She tracks subcontract usage, compiles and files technical survey and materials testing reports. Brenda also oversees office supplies and operations.

Jr. Office Engineer, Green Port Gateway Rail Project (Track Realignment Ocean Blvd and Pier F Ave Support Tracks), Port of Long Beach, CA. Berg & Associates, Inc. 2012 – 2016. Brenda provided weekly and monthly project status reports including plan and drawing graphics, PowerPoint presentations and spreadsheets to analyze project costs and staffing levels. She assisted with project record documentation, generated and distributed meeting notes, and monitored UDBE contract compliance. Brenda provided quality assurance of change order packages and provided weekly board memos. She compiled daily reports and time sheets for approval by the POLB and assisted with processing monthly billing while tracking construction management costs for this \$93 million high impact project for the Port.

Program Coordinator, South Bay Workforce Investment Board, Hawthorne, CA. 2011 – 2012. Brenda managed and designed a \$989,000 federally funded training program to place participants interested in



employment in green construction. Work activities included coordination of industry associations, trainers, case managers and one-stop centers; grant monitoring; monthly, quarterly reporting; chairing meetings; marketing and outreach. She provided administrative support on a \$45 million National Emergency Grant; performed outreach enrollment, online case management supervision, and maintained accurate file logs, contacts, and meeting minutes.

Program Coordinator AmeriCorps VISTA, California Conservation Corps, Norwalk, CA. 2009 – 2010. Brenda generated and administered a statewide health and safety survey to assess the efficiency and effectiveness of maintenance operations for the agency. This resulted in a fully written training program for 3,000+ California state employees. Brenda developed "train the trainer" teaching guides and curriculum, coordinated workshops to provide green literacy, and facilitated bi-weekly group discussions with 16 centers to promote green initiatives.

Accounting Assistant, Turner Construction, Los Angeles and Anaheim, CA. 2004 – 2009. Brenda assisted managers and senior office accountants to reconcile ledgers, audit and process expense reports and invoices. She maintained highly accurate bookkeeping records and was responsible for monitoring Accounts Payable and providing administrative support. She prepared daily, monthly, quarterly and yearly financial reports.





City of Rialto Public Works Department 335 West Rialto Avenue Rialto, CA 92376

Attn: Azzam Jabsheh, PE, TE Associate Civil Engineer

Subject:Construction Management, Inspection, Materials Testing and Certified Payroll Services for
the Frisbie Park Sewer Lift Station Project | City Project No. 190501

Proposer: Berg & Associates, Inc.

Dear Mr. Jabsheh:

Please see attached our rate schedule for providing personnel and services for Construction Management, Inspection, Materials Testing and Certified Payroll Services for the Frisbie Park Sewer Lift Station Project.

Please know that rates are fully negotiable, and estimated hours and material tests provided by subconsultant, Ninyo & Moore, can be adjusted as needed.

Should you have any questions, please don't hesitate to contact me at (310) 548-9292 or <u>deborah@bergcm.com</u>.

Sincerely,

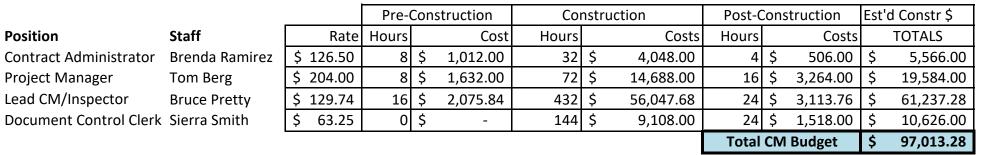
Deborah Berg President and CEO

Attachments: One (1) Cost Proposal

Labor Hour Estimate City of Rialto - CM & Inspection Frisbie Park Sewer Pump Station

						TOTAL
			PRE-CON	CONSTRUCTION	CLOSE-OUT	
Scope	Labor Category	Name	Sep-19	Oct 2019 - Jan 2020	Feb-20	Hours
			Hrs	Hrs	Hrs	Total
Construction Management Services	Contract Administrator	Brenda Ramirez, MPA	8	32	4	44
	Project Manager	Tom Berg, PE, QSD	8	72	16	96
	Lead Inspector/CM	Bruce Pretty	16	432	24	472
	Document Control	Sierra Smith	0	144	24	168
abor Hours			32	680	68	780

City of Rialto - Construction Management & Inspectio Frisbie Park Sewer Pump Station



Estimated Cost Worksheet

Other Direct Costs	Staff	Rate		Total Hours	Est'c	d ODC's \$
Vehicles	Lead CM/Inspec.	\$ 5.50		472	\$	2,596.00
Consumables		at cost w/o	markup		\$	350.00
				Total ODC's	\$	2,946.00

Total Estimated Costs \$ 99,959.28

Berg & Associates Inc.

Notes:

- 1. Vehicles to be charged at \$5.50 per hour.
- 2. This cost submittal is an estimated cost proposal. Actual costs are dependent upon contractors schedule.
- 3. Above rates do not include overtime, weekend or night work.
- 4. All rates conform to DIR prevailing wage requirements.
- 5. Project consumables to be billed at cost without markup.
- 6. Based on construction estimate of 90 Working Days (roughy 720 hours)
- 7. Total cost is overall bottom line budget only. Line items are interchangeable within budget.