DATE: January 24, 2023

TO: Mayor and Council Members

FROM: Public Works Department

SUBJECT: Resolution Rejecting All Bids Submitted for the Inglewood Well No. 4 Rehabilitation Project (Bid No. CB-23-01)

RECOMMENDATION:
It is recommended that the Mayor and Council Members adopt a resolution rejecting all bids submitted for the Inglewood Well No. 4 Rehabilitation Project (Bid No. CB-23-01) and authorizing staff to revise and rebid the project.

BACKGROUND:
The City’s water production system consists of four (4) groundwater wells (wells) and the Sanford T. Anderson Water Treatment Plant (WTP). The City provided approximately 8,370 acre-feet (ac-ft) of potable water to its customers last year, of which 1,870 ac-ft was produced by the Inglewood wells and 6,500 ac-ft was purchased from Metropolitan Water District (MWD) through West Basin Municipal Water District (WBMWD). Due to the age of the well, (Inglewood Well No. 4 was constructed in 1990) the casing is plugged up, and the well cannot pump/produce the groundwater. In order to reduce its annual expenses on imported water, the City can improve its groundwater production by either constructing a new well or performing well rehabilitation.

On September 29, 2022, CEQA Notice of Exemption (NOE) for Bid No. CB-23-01 was approved by the Public Works Department. After getting a check for the filing fee, on October 20, 2022, Public Works staff (staff) filed this NOE at the Los Angeles County Clerk’s Office for public viewing (Record #2022229611).

On October 3, 2022, staff prepared and completed the project specification and bid document for the Inglewood Well No. 4 Rehabilitation Project (Bid No. CB-23-01).

DISCUSSION:
On October 13, 2022, the City Clerk’s Office placed an advertisement with Inglewood News (Herald Publications) for an invitation to submit bids. The Public Works Department posted an invitation to submit proposals on the PlanetBids.com bid services portal. Public Works staff also notified two prospective contractors by e-mail about a new bid.

On October 26, 2022, staff conducted a mandatory job walk meeting at 3630 West 118th Place, Inglewood, California 90303. Twelve (12) attendees from ten (10) prospective companies attended the pre-bid meeting.
On December 7, 2022, the City Clerk’s Office received and opened one (1) bid as described in the following table:

<table>
<thead>
<tr>
<th>Bid No. CB-23-01</th>
<th>Contractor</th>
<th>Bid Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Layne Redlands, CA 92373</td>
<td>$870,107.00</td>
</tr>
<tr>
<td>2</td>
<td>MMC Inc. La Palma, CA 90623</td>
<td>No Bid</td>
</tr>
<tr>
<td>3</td>
<td>Best Drilling and Pump Inc. Colton, CA 92324</td>
<td>No Bid</td>
</tr>
<tr>
<td>4</td>
<td>Littlejohn-Reuland Corporation Los Angeles, CA 90058</td>
<td>No Bid</td>
</tr>
<tr>
<td>5</td>
<td>Toro Enterprises Inc. Oxnard, CA 93036</td>
<td>No Bid</td>
</tr>
<tr>
<td>6</td>
<td>Minco Construction Gardena, CA 90248</td>
<td>No Bid</td>
</tr>
<tr>
<td>7</td>
<td>Blois Construction Oxnard, CA 93030</td>
<td>No Bid</td>
</tr>
<tr>
<td>8</td>
<td>Metro Builders &amp; Engineers Group Ltd. Newport Beach, CA 92663</td>
<td>No Bid</td>
</tr>
<tr>
<td>9</td>
<td>Canyon Springs Enterprises Temecula, CA 92590</td>
<td>No Bid</td>
</tr>
<tr>
<td>10</td>
<td>General Pump Company San Dimas, CA 91773</td>
<td>No Bid</td>
</tr>
</tbody>
</table>

Public Works staff reviewed the bid proposal and determined that the bid amount was substantially higher than the Engineer’s estimate of $500,000. After discussion, staff determined the proposed bid unreasonable. Upon approval, staff will modify the bid documents and re-advertise the project. Rebidding the project will provide the opportunity to receive more bids after the bid documents are updated. It is anticipated that the project rebidding will be completed during the current fiscal year, and construction may be completed in the next fiscal year.

FINANCIAL/FUNDING ISSUES AND SOURCES:
Adequate funds to complete the project are available in the Fiscal Year 2022-23 Budget under Account Code No. 110-100-P802-44860 (Water Funds – Capital Improvement Project – Design Groundwater Production Wells Project – Contract Services).

DESCRIPTION OF ANY ATTACHMENTS:
Attachment No. 1: Invitation to Submit Bid
Attachment No. 2: CB-23-01 Bid Result
Attachment No. 3: Resolution
Mayor and Council Members  
Resolution Rejecting All Bids  
Inglewood Well No. 4 Rehabilitation Project (Bid No. CB-23-01)  
January 24, 2023

PREPARED BY:  
Thomas C. Lee, P.E., Principal Engineer-Water Resources  
Rae Aldridge, Management Assistant to the Director

COUNCIL PRESENTER:  
Louis A. Atwell, P.E., Assistant City Manager/PW Director
APPROVAL VERIFICATION SHEET

DEPARTMENT HEAD/
ASSISTANT CITY MANAGER APPROVAL: [Signature]
Louis A. Atwell, PW Director/Asst. City Mgr.

CITY MANAGER APPROVAL: [Signature]
Artie Fields, City Manager
ATTACHMENT NO. 1

Invitation to Submit Bid
Invitation to Submit Bids
(Specifications and Conditions Governing Award)

The City of Inglewood invites and will receive bids duly filed as provided herein for the “BID NO. CB-23-01 INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT” as specified in this document.

Each bid shall be submitted and completed in all particulars and must be enclosed in a sealed envelope addressed to the City of Inglewood, The Office of the City Clerk, 1 West Manchester Blvd., First Floor, Inglewood, CA 90301 with the designation of the project “BID NO. CB-23-01 INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT” appearing thereon.

Please visit https://pbsystem.planetbids.com/portal/45619/portal-home to learn about bid opportunities available to consultants, service providers, contractors, Contractors, or suppliers. Bids will be opened in public, on Wednesday, December 7, 2022, at 11:00 a.m. in the Office of the City Clerk and will be announced then and there to all persons present. Specifications and other bid documents for the above service are on file in the Purchasing Division, and may be obtained upon request.

The City Council reserves the right to waive any irregularity in any bid, and to take bids under advisement for a period not to exceed ninety (90) days from and after the “Due Date” of Bid, which specified in this BID.

The following conditions and terms apply:
1) The City reserves the right to reject any or all bids.
2) The detailed scope of work and conditions for bid submission attached.
3) The Contractor must execute a contract within fourteen (14) days after the City mails/sends it to Contractor. If the contract is not executed within fourteen (14) days, the City reserves the unilateral right to cancel it.
4) If any provision of the contract is violated, the City, after suitable notice, may cancel the contract and make arrangements to have the services performed by others. Any extra cost to the City will be paid by the Contractor.
5) Bid Document & Drawings may be obtained from the Inglewood Public Works Department Water Division located on the 3rd Floor of Inglewood City Hall. Please contact Public Works Department at (310) 412-5333.
6) All bids must be for specific amounts. Any attempt to qualify prices with an ‘escalation clause’ or any other method of making a price variable, is unacceptable. Bids shall be valid for ninety (90) calendar days from and after the “Due Date” specified in this Bid.
7) The City reserves the right to add or subtract quantities and/or services based on the unit prices/unit lump sums so indicated as its budgetary needs may require.

Louis A. Atwell, P.E., Assistant City Manager/P.W. Director
City of Inglewood, California 1/29/22

Date
ATTACHMENT NO. 2

CB-23-01 Bid Result
CITY OF INGLEWOOD – Inglewood Well #4 Rehabilitation & North Inglewood Booster Pump

CB 23-01

Date of Bid: December 7, 2022, @ 11:00 a.m.

1. Layne .............................. $870,107.00
Layne

$370,102.45
CITY OF INGLEWOOD
BID NO. CB-23-01
Inglewood Well No. 4 Rehabilitation

PROPOSAL BY: RICKY TRUJILLO
LAYNE CHRISTENSEN COMPANY
1717 W Park Ave.
Redlands, CA 92373
Ph: 909-390-2833
Fax: 909-390-5540
WWW.LAYNE.COM
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## CONTACT INFORMATION

<table>
<thead>
<tr>
<th>Name of Bidder:</th>
<th>Layne Christensen Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entity:</td>
<td>Corporation</td>
</tr>
<tr>
<td>Business Address:</td>
<td>1717 W Park Avenue, Redlands CA 92373</td>
</tr>
<tr>
<td>Phone:</td>
<td>909 390-2833</td>
</tr>
<tr>
<td>Website:</td>
<td><a href="http://www.layne.com">www.layne.com</a></td>
</tr>
<tr>
<td>FTI:</td>
<td>48-0920712</td>
</tr>
<tr>
<td>DIR:</td>
<td>1000004273</td>
</tr>
<tr>
<td>CSLB:</td>
<td>510011 Class: A C57 C61/D09 C10 C61/D21</td>
</tr>
<tr>
<td>Contact:</td>
<td>Ricky Trujillo, Account Manager</td>
</tr>
<tr>
<td>Cell:</td>
<td>909 957-7782</td>
</tr>
<tr>
<td>Fax:</td>
<td>909 390-5540</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:ricky.trujillo@gcinc.com">ricky.trujillo@gcinc.com</a></td>
</tr>
<tr>
<td>Address:</td>
<td>1717 W Park Ave., Redlands CA 92373</td>
</tr>
</tbody>
</table>
SECTION 02: GENERAL COMPANY INFORMATION AND EXPERIENCE

ABOUT LAYNE

Established in 1882, Layne offers a rich history of delivering safe, professional, and reliable water solutions throughout North America.

Layne began as a domestic water-well drilling company in South Dakota. From those humble roots Layne has evolved into a national water and minerals solutions provider serving both public and private sectors. In June 2018, Layne became a wholly owned subsidiary of Granite Construction, Inc. Layne is headquartered in the Woodlands, Texas and has 24 offices from upstate New York to Southern California.

From water-well drilling to related infrastructure services, Layne is an expert at providing solutions to their clients for their water needs, with an enduring commitment to safety. Our specialties include water-well drilling, specialized drilling techniques, pump design and service, well rehabilitation, and water treatment. Layne offers comprehensive solutions for government agencies, commercial and municipal water suppliers, industrial, and agricultural clients. Layne teams identify and develop new water sources and deliver potable water to communities and facilities throughout North America.

Water users look to Layne when they are seeking a trusted partner that will consistently deliver projects safely, on time, on budget, and as promised. Layne’s full circle of water solutions provide clients a single point of accountability for even the most complex projects. With 140 years of experience, Layne has earned a reputation for minimizing risk while maximizing peace of mind through operational excellence and client satisfaction.

The water resources division is the national leader in water wells. Layne has drilled nearly 1,000 wells in the past 5 years alone, with a combined pumping capacity of 1 billion gallons per day. In Layne’s 140 year history, we have successfully completed more than 50,000 water wells. As a trusted partner, our team provides capabilities to optimize our customers assets. Our team is largely comprised of veteran employees providing exceptional service that renders success to each client by increasing production, improving efficiency, and reducing cost.

Layne is uniquely qualified to safely complete the work under this contact per the required specifications and expectations for the City of Inglewood. Layne is a licensed well driller in the State of California. Our license number is 510011.
Granite Construction Incorporated offers a national workforce of 7,200 and a combined revenue of $3.4 billion annually. As an industry leader in the transportation, water resources and mineral exploration markets throughout North America, Granite provides infrastructure solutions for construction, program management, alternative procurement, and is a vertically integrated contractor with aggregate materials reserves throughout the U.S.

RECENT ACCOLADES:
- 2019, Named to World’s Most Ethical Companies List for ten consecutive years
- 2018, Forbes Magazine, one of America’s Best Mid-Size Employers
- 2018, Engineering News Record (ENR) Magazine Top 400 Contractors List - Ranked #24
- 2018, ENR Sourcebook, #1 Highways, #5 Mining, #6 Solar, #7 Bridges, #10 Dams/Reservoirs, #16 Airports, #17 Mass Transit/ Rail, #21 Power

SAFETY BY CHOICE
The protection of our employees, the public and the environment is at the core of everything we do. Safety is more than a business commitment—it’s our moral obligation.

MARKETS
Granite specializes in complex infrastructure projects for transportation, industrial and specialty markets.

SERVICES
General Contracting, Construction Management, Design-Build, CMAR, CM/GC, Pavement Preservation, Disaster & Emergency Response, and Construction Materials Testing

NATIONAL WORKFORCE
7,200 employees

HEADQUARTERS
Established in 1922, Corporate Headquarters located on 585 West Beach St., Watsonville, CA 95076 Phone (831)724-1011

STOCK MARKET/TRADING SYMBOL
New York Stock Exchange (NYSE: GVA) and is part of the S&P MidCap 400 Index, the MSCI KLD 400 Social Index and the Russell 2000 Index.

OFFICE LOCATIONS
Granite and its subsidiaries operate over 75 office locations throughout the United States, Canada, Mexico, and South America.

EQUIPMENT FLEET
Granite’s equipment fleet exceeds $650 Million and includes more than 1,500 pieces of heavy equipment and 3,500 trucks, trailers, and vehicles.

CONSTRUCTION MATERIALS
Granite operates 50 aggregate facilities throughout the west, producing specialty aggregates, sand/gravel, and asphalt concrete.

ANNUAL REVENUE & BONDING CAPACITY
$3.4 billion annual revenue
$5 billion aggregate bonding capacity

LAYNE CORPORATE COMMITMENT TO THE CITY OF INGLEWOOD. Layne’s senior management teams support the effort to secure and complete this project work. Senior management has provided its support in committing company-wide resources to successfully complete this project.
KEY PERSONNEL FOR PROJECT EXECUTION
Layne’s key personnel for the completion of this project have been attached in Section 4.

RELATED PROJECT EXPERIENCE
Our project experience has been detailed and attached in Section 3.

Having successfully completed other similar projects, Layne is confident that we have the proper resources available to complete this project on time.

The foundation of Layne’s project execution is open, honest, and daily communication. Our Operator, Project Manager, and Operations Manager communicate daily. Layne’s field crews are provided with a detailed job letter that explains the entire scope of work, completion schedule, major material items deliveries, and the use of subcontractors required to successfully carry out the timely completion of our work.

Our operator will communicate daily with your field representative the status of the work and discuss critical path items that will need coordination between our two companies. Our project manager and field operations manager will communicate with your office project manager frequently to ensure project objectives are being completed as specified.

Our pre-mobilization activities will consist of the following:

- Project scheduling and material ordering will commence once the written contract for the project is executed.
- Utility locates will be initiated as required.
- Obtain any required work permits.
- Ensure field crews have proper training.
- Ensure all field equipment has been inspected and readyed for field work.
- Project submittals will be provided as required. Provide SDS for all chemical products brought onto the site.
- Layne will develop the field performance plan, site-specific health and safety plan, quality assurance/quality control plan and activity hazard analysis.
- A pre-mobilization conference will be completed in advance of mobilization to confirm and verify project completion parameters.
- Following the pre-mobilization conference, Layne will mobilize our equipment, tooling, personnel, and materials to the job site.
- Once fieldwork begins, Layne will perform the following items:
  - Daily equipment inspections
  - Daily tailgate safety meetings before the beginning of each work shift
  - Daily communication with the on-site field representative
  - Daily “look ahead” of upcoming work and complete pre-planning objectives

There will be occasions when our plans and procedures will have to be modified to meet unanticipated conditions, weather conditions, or other unforeseen external factors. These changes will be documented and discussed with your firm as required.

SAFETY
Layne considers safety as our number one priority on this project.

Layne safety performance standards meet and often exceed compliance with federal, state, and local laws and regulations. As a result of this culture, Layne’s safety record has outpaced industry averages because we know that safer employees, contractors, and work environments result in more effective operations.

Layne believes that all accidents are preventable, so we continue to work towards the goal of 100% safe working hours. Layne’s employee commitment to HSE is as stated below:

- I will take ownership of safety for myself and those around me.
- I will respect the communities I work in and always be a role model for safe behavior.
- I will assess the risks involved in every task before I begin.
- I will properly inspect, maintain, and operate all vehicles, tools, and equipment.
- I will exercise STOP WORK where I perceive a situation to be unsafe or otherwise have concerns about safety.

At Layne, we have the following expectations of each other:
- We expect that every employee is committed to ZERO incident operations and performing work safely or not at all.
- We expect that employees will follow and hold your co-workers accountable for following all of our safety policies and wearing/using all of the required PPE.
- We expect that employees will report all incidents (injury, illness, property damage, environmental or vehicle) so that we can ensure that we do a thorough incident investigation and prevent reoccurrence.
- We expect that employees will not text and drive and use a hands-free device when talking on a cell phone.
- We expect that employees will do a JSA before each task (at a minimum once per shift for each task)
- We expect that employees will operate and maintain all vehicles, tools, and equipment as if it were your own
- We expect that if an employee see something that does not look or feel right, they will say something.

To carry out a safe work environment, Layne will implement the following improvement cycle:

1) Plan: Plan the work so that all crew members are protected and know what needs to be done.
   - Participate and follow the daily Take 5 plan
   - Be active in protecting oneself, others, the public and the environment
   - Participate in safety processes
   - Stop and ask for guidance if you do not understand or have any doubts about how to do something
   - Set a plan in motion and stick to the plan
   - Follow safe work practices
   - Don’t deviate from your supervisors Take 5 without approval and a new plan
   - Assess hazards continuously throughout the shift
   - Maintain good housekeeping and organization
   - Request training or guidance
   - Report Near Misses
   - Set a good example

2) Check: Make sure the plan is the right plan
   - Conduct observations and planned inspections
   - Speak up when an unsafe act or condition is noticed
   - Don’t walk by something that is wrong
   - Evaluate the tasks recorded in the Take 5 and note any confusion or additional direction needed
   - Ask for feedback from the crew

3) Adjust: Use the information you get from checking. Continue the same path or adjust the plan.
   - Employees notify your supervisor of unsafe work conditions that exist OR that you THINK might exist so the plan can be adjusted.
   - Supervisors use your observations and inspections to improve the plan.

If required, Layne’s HSE department can deliver in-house safety training to any team member requiring it that covers all phases of the health and safety field and it is compliant with the most up-to-date OSHA, MSHA, and DOT regulations.

On the job site, all Layne field employees will possess the necessary personal protective equipment and detailed, site-specific safety information that covers issues including confined space entry, environmental health and safety plans, and on-site monitoring. Every Layne field employee has Stop Work Authority because every employee is responsible for safety.

Layne has a comprehensive, industry-leading health and safety program, which can be viewed at www.graniteconstruction.com/company/safety-choice. All Layne field employees have access to this data in the development and implementation of site-specific health and safety plans.

Our safety program is composed of, but not limited to, the following:
- Supervisor’s Accident Prevention Manual
- Hazard Communication Manual
- Fleet Manual
- Emergency Response Plans
- Site Specific Health and Safety Plan Auditing Forms
- Procedures Mentoring Program

All Layne field employees tasked with project execution have OSHA construction site training (forklifts, backhoes, manlifts, and cranes). Most of the Layne field employees have Red Cross First Aid and CPR training. As required, training compliance documentation can be provided prior to project mobilization.

Our standard personal protective equipment for each field employee is as follows: hard hats per ANSI Z89.1-1997, safety glasses with side protection per ANSI Z87.1-1989, steel toed boots per ASTM F2413-11, high visibility vest or shirt per ANSI/ISEA 107-2010, hearing protection and appropriate work gloves. While working in a high dust environment, employees are required to wear dust masks. All company vehicles come equipped with a working-Class A/B/C fire extinguisher, first aid kits, and have current proof of insurance and vehicle registration.

Layne is committed to working diligently and safely on this project. A site-specific health and safety plan will be prepared and administered while on site. Layne will practice a behavioral-based safety program that utilizes a hazard identification risk assessment. Each work shift will begin with a tailgate safety meeting. The crew will review the expected field operations each day and determine what the potential risks are in performing that work. The crew will then review and implement safe work practices to eliminate and/or reduce the risk of a safety incident. All our crews are expected to work in the “green” (safe) zone and to not take any risks with respect to performing their work. All field employees and site visitors can stop work if they feel there is a safety risk associated with performing the work.
QUALITY CONTROL
Layne utilizes a large number of reporting measures to ensure quality assurance and quality control for our drilling and test pumping operations.

These reports would be utilized throughout the project. A typical summary of the items covered in our program would include the following: Non-DOT and DOT travel, rig up operations, review of well design, daily shift reports, daily safety inspections, tailgate meetings per working shift, drilling operations (mud properties, deviation survey, pipe tally, etc.), material inspections prior to installation, well installation (mud thinning operations, casing/screen/tremie tally, annular material installation (actual vs theoretical), etc.), well development (methodology/time spent per foot of screen, material recovered, water quality parameters and test pumping (water quality, sand content, etc.). Copies of our reporting measures are provided to the Owner. Project specifications are reviewed prior to field work and any project specific items that are not covered in our normal QA/QC program are added to meet the needs of the project.

NOISE REDUCTION
Layne has the ability to self-perform the installation of sound walls or subcontract this service out.

A larger number of our drilling operations are completed in urban areas where sound minimization is required. In addition to installing sound walls, Layne uses whisper quiet generators and sound mitigating mufflers on other equipment.
Job References

**Eastern Municipal Water District- 2270 Trumble Rd, Perris CA 92572**
Ongoing Well Maintenance And Repair Services- Pump Removal, Video Log, Wire Brush and Bail, Chemical Injection, Dual Swab Airlift, Furnish Install & Remove Test Pump, Pump Development, Engineer Repair and Install New Turbine Pumps
**Contract Value** $300,000-$600,000 / Year  **Completion Date**: Ongoing
**Contact Information:**
Dave Brown, Director  
Cell (951) 300-7162  
Email brown@emwd.org

Ryan Hallock, Mechanical Service Manager  
Main (951) 928-3777 ext.6269  
Email hallockr@emwd.org

**Los Angeles Department of Water & Power-111 N. Hope St, Los Angeles CA 90012**
Ongoing Well Maintenance And Repair Services- Pump Removal, Video Log, Wire Brush and Bail, Chemical Injection, Dual Swab Airlift, Furnish Install & Remove Test Pump, Pump Development, Installation of New and Repaired Submersible pumps
**Contract Value** $900,000 / Year  **Completion Date**: Ongoing
**Contact Information:**
Ralph Herrera, PE  
Water Operation Division  
Main (213) 367-8614  
Email Rafael.herrera@ladwp.com

**City of Beverly Hills-345 Foothill Road, Beverly Hills CA 90210**
Ongoing Well Maintenance And Repair Services- Pump Removal, Video Log, Wire Brush and Bail, Chemical Injection, Dual Swab Airlift, Furnish Install & Remove Test Pump, Pump Development, Engineer Repair and Install New Turbine Pumps, Booster Pump Removal, Repair & Installation
**Contract Value** $200,000-$600,000 / year  **Completion Date**: Ongoing
**Contact Information:**
John Moreno  
Water System Supervisor  
Main (310) 288-2802  
Cell (805) 340-0684  
Email jmoreno@beverlyhills.org

---

**WATER RESOURCES**
1717 West Park Avenue, Redlands, CA 92373 | Office 909.390.3833 | Fax 909.390.6097 | layne.com
Los Angeles County Department of Public Works- 900 S Fremont Ave, Alhambra CA 91803
West Coast Basin Sea Water Barrier Injection Well Redevelopment Services. Injection Pipe Removal
Video Survey, Well Redevelopment, Repair & Installation of Injection Piping
**Contract Value** $950,000 / Year **Completion Date:** Ongoing
**Contact Information:**
- Adam Lee
- Storm Water Engineering Division Ass. Civil Engineer
- Main (626) 458-6185
- Email alee@dpw.lacounty.gov

Virgin Valley Water District
Well No. 31 Pump Rehabilitation
**Contract Value** $192,987 **Date Completed:** 7/2022
**Contact Information:**
- Aaron Bunker
- (702) 346-5731

San Bernardino County - Special District Dept.
CSA 70J Well 2 Repair
**Contract Value** $189,618 **Date Completed:** 7/2022
**Contact Information:**
- Chris Bishop
- Phone (760) 962-1510
- Cell (909) 269-1094
- Email chris.bishop@sdd.sbcounty.gov

City of Victorville - 14343 Civic Drive, Victorville CA 92392
Well 109 and 120 Rehabilitation Project
**Contract Value** $263,096 **Date Completed:** 6/2022
**Contact Information:**
- Arnold Villareal, Water Manager
- Main (760) 955-2993
- Cell (760) 508-9001
- Fax (760) 269-0088
- Email avillareal@g.victorvilleca.gov
Victorville Water Department -
Well 116 Rehab – Pre-rehab video. Brush and bail mechanical cleaning. Post brush video. Set up to perform the mixture and injection of the chemistry. Total injection will consist of 660 gallons (12 drums) of Innova, 5500 gallons of water to make a 10% solution. This will total 3 batches with approx. 300 gallons per 10’ zone of perforations. During the injection phase, swab the chemicals simultaneously to distribute the chemicals throughout the well. Contact time should be no less than 8 hours and no more than 24 hours. Remove the chemistry via dual swab airlifting. All fluids being removed will need to be neutralized using the neutralizing trailer, routed to a single settling tank and then discharged on site. The discharge point will need to be confirmed with the client on site. At the completion of the rehab, perform a post video log. Installed new pump that produced 1000 gpm @ 400 ft TDH. Before rehab the well produced 995 gpm @ 259 ft TDH post rehab the well produces 1000+ GPM at 400 ft TDH.

Contract Value $445,900 Date Completed: 3/2022

Contact Information:
Arnold Villereal, Water Manager
Phone: 760-955-2993
Cell (760) 508-9001
Fax (760) 269-0088
Email: avillereal@victorvilleca.gov

Lake Arrowhead Community Services District - 27307 State Hwy 138 Blue Jay, CA 92307
Well 2 Rehab - Removed Pump. Pre-cleaning video log. Mechanically scrub the interior of the well with brush for 10 minutes per 10 foot of screen. Performa a post clean video. Contractor shall chemically treat the well with a solution of 8% phosphoric acid combined with 2% dispersion polymer, such as Johnson Screen’s NW-310 biospersiont, tremied into screen zones. The quantity of chemical treatment solution added to the well should be equal to the amount of water in the screen plus an additional 25 to 50%. Aggressively swab, or surge into, the multiple screened zones for approximately 10 hours. Monitor pH during swabbing or surging and maintain pH of 3 or less. After mechanical agitation, and swabbing or surging, leave solution in well to react with the incrusting materials until pH is between 6.5 to 7 or normal background levels. Once the pH has returned to normal background levels, purge well until the visual turbidity is absent, and specific conductance has returned to a normal, pre-treatment range. The purging operations are expected to require approximately 16 hours. Perform well disinfection utililizing a pH adjusted chlorination at a 300-ppm chlorine level with a targeted pH range of 6.5 to 7.0 with chlorine enhancing chemistry such as Johnson’s NW-410 chlorine enhancer for pH control. Perform a post cleaning video. No flow before well rehab, well flows as 500 gpm after rehab.

Contract Value $109,943.43 Date Completed: May 2021

Contact Information:
Scott Schroder, Engineering Manager
Main (909) 336-7136
Email sschroder@lakearrowheadcsd.com

WATER RESOURCES
1717 West Park Avenue, Redlands, CA 92373 | Office: 909.360.2833 | Fax: 909.390.8097 | layne.com
San Bernardino County - Special Districts Dept  
Maintenance Contract CON-MULTI-PW 062221 Well & Pump Maintenance  
**Contract Value:** $2,800,000.00  
**Start Date:** 07/2021  
**End Date:** 06/2026  
**Contact Information:**  
Chris Bishop  
Phone (760) 962-1510  
Cell (909) 269-1094  
Email chris.bishop@sdd.sbcounty.gov

City of San Jacinto - 166 East Main Street Suite 2, San Jacinto CA 92583  
Bath Well-removed pump, pre-clean video, performed a CITM survey, then brush and bail well. Load up 36 drums of Innova, dual swab ~1040’ of 4” and mobilize 2 man crew with chemical trailer to site.  
(9) 2,000 gallon batches of chemistry with (4) drums of Innova per batch. Once first batch is made, inject ~308 gallons of blended chemistry into each 10’ zone and swab each zone into place for 10 minutes.  
Continue on through the zones skipping over the blank areas until you reach the bottom zone and all chemistry has been injected. Perform a Dual-swab airlift 10 foot zones for 15min each zone or until PH from well is between 6 and 7.5 ph. Perform post rehab video inspection. Install test pump capable of 1600 gpm @ 720 ft TDH. Flow rate pre and post cleaning are unknown.  
**Contract Value** $ 255,000  
**Date Completed:** 2/28/2020  
**Contact Information:**  
Art Mullen, Water Utilities Superintendent  
Main (951) 487-7381

Email amullen@sanjacintoca.gov

City of Riverside-3750 University Ave, Riverside CA  
**Contract Value** $550,000.00  
**Completion Date:** 5/31/2020  
**Contact Information:**  
Eric Escobar, PE  
Public Utilities, Water Engineering  
Main (951) 826-5482  
Direct (951) 826-5821  
Cell (951) 288-7139  
Email EEscobar@riversideca.gov

WATER RESOURCES  
1717 West Park Avenue, Redlands, CA 92373 | Office: 909.390.2833 | Fax 909.390.6097 | layne.com
San Bernardino County - Special Districts Dept
Maintenance Contract 16-370- Well & Pump Maintenance
Contract Value $ 1,500,000  Completion Date: June 30, 2019
Contact Information:
Rich Allen
Main (760) 962-1508
Email rallen@sdd.sbccounty.gov

City of Victorville - 14343 Civic Drive, Victorville CA 92392
Well 136 Full Rehab & Test Pump - Pump equipment was removed due to lost in production. The well was video logged, wire brushed, roto scrubbed, injection of Innovia solution, dual swabbed airlifted, and test pumped. Removal and installation of 382' of 8" x 2.5"x 1.5" Oil lubricated pump assembly. 1500 gpm @ 500 TDH with a pump setting of 460'. 1000 HP test engine was used for the test pumping at this site.
Contract Value $197,000  Date Completed: 4/2018
Contact Information:
Arnold Villareal
Main (760) 955-2993
Cell (760) 508-9001
Fax (760) 269-0088
Email avillareal@victorville.ca.gov
KEY PERSONNEL AND RESUMES

PROJECT ORGANIZATION CHART - LAYNE CHRISTENSEN

LAYNE CHRISTENSEN CO.
1717 W PARK AVE.
REDLANDS CA 92373
PH: (909) 390-2833
FX: (909) 390-5540

TOOD HOWARD
GENERAL MANAGER
REDLANDS, CA OFFICE

MARK HOWARD
BUSINESS DEVELOPMENT MANAGER
REDLANDS, CA OFFICE

RICKY TRUJILLO
ACCOUNT MANAGER
REDLANDS, CA OFFICE

DAVID BRASHEAR
PROJECT MANAGER
REDLANDS, CA OFFICE

RIGOBERTO PEREIDA
R & I SUPERVISOR
REDLANDS, CA OFFICE

RON WEBER
FIELD SUPERVISOR
REDLANDS, CA OFFICE
Summary of Qualifications

Mr. Howard has been in the water well industry since 1983, specializing in water well rehabilitation, pump engineering and application. Mr. Howard manages the Western Regions Operations for pump repair, well rehabilitation, electrical and construction services. He is also the current Chair of Layne’s National Rehabilitation Committee. Mr. Howard developed and implemented the Roto Scrub well rehabilitation technology as well as Layne’s proprietary NSF certified well chemistry in use today throughout the Western United States.

Relevant Project Experience

**BOR: Bureau of Reclamation, Sacramento, CA**

*General Manager* – Drought relief, construction of (44) design build wells were completed with borehole depths from 220’ to 1,020’ deep and successfully tested at an average of 1500 GPM @ depths from 400’ to 600’.

Contact: Brenda Davis (916) 978-5143

Contract Amount: $15,959,262.16

**SDF: Sweetwater Authority, San Diego, CA**

*General Manager* – The Sweetwater Authority is expanding the facilities to achieve the full 8,800 acre feet per year capacity with the construction of (5) new municipal brackish groundwater wells. The wells were drilled and constructed with borehole depths of 880’ to 1,020 deep and successfully tested at an average of 2,115 GPM @ 200’.

Contact: Tom Henderson P.G. (619) 697-0120

Contract Amount: $7,033,913.73

**TID: Tranquility Irrigation District, Fresno, CA**

*Operations Manager* – Fourteen (14) new wells were drilled and constructed with borehole depths from 840’ to 920’ deep and successfully tested at an average of 2,006 GPM @ 500’.

Contact: Mr. Danny Wade (559) 698-7225

Contract Amount: 4,876,034.66
MARK HOWARD  

Business Development Manager  
Water Resources Division

Summary of Qualifications

Mr. Howard has been in the water well industry since 1978, specializing in water well rehabilitation, pump engineering, and application. Mr. Howard manages the Western Region in Business Development and oversees the Account Management team.

- Business Development Manager, Layne Christensen Co. (2014-Present)
- Account Manager, Layne Christensen Co. (2012-2014)
- Pump Division Sales Manager, Best Drilling & Pump (2010-2012)
- Marketing Manager, Layne Christensen Co. (2008-2009)
- Owner, Secretary/Treasurer, Laveen Pump Co. (2006-2008)
- Branch Manager, La Habra Branch, Layne Christensen Co. (2004-2006)
- Pump Division Manager, Beylik Drilling (2002-2004)
- Secretary/Treasurer, Pump Manager, Howard Pump, Inc. (1988-2006)

Relevant Project Experience

- **San Diego Formation Water Wells; Sweetwater Authority, Chula Vista, CA, 7** well water well drilling project. $7,035,000.00

- **Maintenance Service Agreement; Los Angeles Department of Water and Power, Los Angeles area well and pump maintenance $5,500,000.00 5 year contract**

- **Multi Well Project; Corcoran Irrigation District, Corcoran, CA 3** well water well drilling project. $1,800,000.00

Continued Education

Goulds/ITT, Design & Engineering  
Goulds/ITT, Turbine Pump  
Goulds/ITT, VFD Drive & Training  
Peerless Pump, Design & Application  
Berkley Centrifugal Engineering & Application  
Dale Carnegie, Management Training  
Karrass, Effective Negotiating Training  
Arc Flash & NFPA/OSHA
## RICKY TRUJILLO  
### Account Manager  
### Water Resources Division

### Professional Affiliations:  
Hi Desert Mountain Water Assoc.

### Total Years Experience:  
21

### Joined Layne WRD:  
1999

### References:  
- **Zack Reid**  
  City of Corona  
  951 739-4914  
- **Gonzalo Reyes**  
  LADWP  
  Engineer  
  213 367-8419  
- **David Brown**  
  EMWD  
  Mechanical Service Manager  
  951 928-3777  
- **John Moreno**  
  City of Beverly Hills  
  Water System Supervisor  
  310 288-2802  
- **Eric Escobar, PE**  
  City of Riverside  
  Public Utilities, Water Engineering  
  951 826-5482

### Summary of Qualifications

Mr. Trujillo has 21 years of experience in all aspects of water supply services. He specializes in municipal and industrial water supply design, construction services, well rehabilitation, pump repair and troubleshooting, as well as investigative and remedial services. Mr. Trujillo manages projects through completion, to ensure timely and successful delivery of every project, with monthly/quarterly reports as may be required for each project.

### Relevant Project Experience

**Well Rehab Project 2019-2020, City of Riverside, CA**  
**Account Manager** – Pump Removal, Video Log, Wire Brush and Bail, Chemical Injection, Dual Swab Airlift, Furnish Install & Remove Test Pump, Pump Development Repair and Install New Turbine Pumps.  
Contact: Eric Escobar, PE (951) 826-5482  
Contract Amount: $578,678.57

**3 Rixes Wells: City of San Bernardino, SB, CA**  
**Account Manager** – Rehabilitation of wells. Sonar-Jet remediation, video inspection, wire brush and bail wells, well testing and redevelopment.  
Contact: Kevin Stewart (909) 454-5651  
Contract Amount: $259,945.00

**Well 33: EMWD, Perris, CA**  
**Account Manager** – Rehabilitation and Re-develop well. Install, inject with RotoScrub and remove, Boreblast install, remove airlift, furnish and install test pump, well development disinfect well through dual swab, post rehab video log.  
Contact: David Brown 951 928-3777  
Contract Amount: $261,097.99

**Well 15: Palmdale Water District, Hemet, CA**  
**Account Manager** – Well rehabilitation, single shot sonar jet, brushing and bailing. Post video log, brush and bail, installation of new pump equipment complete with startup.  
Contact: Kelly Jeeters (661) 456-1083  
Contract Amount: $134,285.76

### Continued Education

Layne, Sales Orientation & Hydrology School
DAVID BRASHEAR
Senior Project Manager
Water Resources Division

Professional Certificates:
Brithinee Electric, AC
Induction Motors
Layne, Pump Engineering and Design

Total Years’ Experience:
10

Joined Layne WRD:
2011

References:
Danny Campos,
Account Manager
Custom Pipe and Coupling
10560 Fern
PO Box 978
Stanton, CA 90680
714.761.8801

Chris Bishop
Water and Sanitation Supervisor
San Bernardino County Special Districts Department
12402 Industrial Blvd., D6
Victorville, CA 92393
760-862-1510

Arnold Villarreal
City of Victorville Water Supply Supervisor
14343 Civic Drive
Victorville, CA 92392
760-955-2993

Summary of Qualifications
Mr. Brashear has been in the water supply services since 2011. Currently, he is responsible for water-well and pump design services, repairs and project management for Layne Christensen Company. Responsibilities include project design, estimating and management. He oversees project staff as required involved in municipal, agricultural and industrial water supply design and construction services, as well as investigative and remedial services.

Relevant Project Experience

SDF Wells: Sweetwater Authority, San Diego CA
Project Manager – R&R Portion. Geophysical logs, depth specific sampling, decontamination process, air lifting. Installation of test pump, develop well by pumping and surging. Water analysis of groundwater samples during isolated aquifer zone testing.
Contact: Michael Garrod 619 409-6752
Contract Amount: $7,035,000.00

Contract 691: LADWP, Los Angeles, CA –
Project Manager – Services to remove and install groundwater well submersible and vertical turbine line shaft pump units, and to maintain, repair or destroy wells on an intermittent basis.
Contact: Gonzalo Reyes 213 367-8419
Contract Amount: $1,290,000.00

Station 277-01: California Water Services, Torrance, CA
Project Manager – Chemical rehabilitation, well development, test pumping and outfitting the well with new equipment.
Contact: Catherine Lou 310 257-1494
Contract Amount: $138,089.00

Continued Education
Layne Christensen, Pumpology 101 to 104
Roscoe Moss, Well Drilling and Designing
Lakos Sand Solutions Plumbing Products
Project Management Workshop
HSE Leadership Academy
RIGOBERTO PEREIDA
R & I SUPERVISOR
WATER RESOURCES DIVISION

Education:
OSHA 40 Hour Training Programs
OSHA 8 Hour Annual Training

Professional Certifications:
American Red Cross First Aid/CPR
MSHA Certified
Forklift Certified
Backhoe Certified
NCCCO Certified TSS & TLL

Total Years Experience:
20

Joined Layne WRD:
2000

References:
Scott Larson
Northrop Grumman
Facilities Engineering
scott.larson@ngc.com
661 272-8589

Gonzalo Reyes, P.E
LADWP
R&C Engineering
Gonzalo.Reyes@ladwp.com
213 367-8419

Sean Wright
Phelan Pinon Hills CSD
760 868-1212

Summary of Qualifications

Mr. Pereida has in-depth knowledge and experience in the following operations: Deep Well Pumps and Booster, Water Well Rehabilitation, Well Destruction, and Pump Installation. He has successfully completed rehabilitations and aqua freed process system. Mr. Pereida has supervised major projects by selecting, assigning, and scheduling employees. Communicated job expectations and managed subcontractors performance, stayed within budget by monitoring expenditures, identifying variances and calculating required resources. Ensured all local regulations were met and codes enforced, avoiding fines and delays. He is a certified crane operator on swing cab and fixed cab cranes large and small. He holds a Class A with endorsements for hazmat, tanker, doubles and triples. Pump rig operator for 13 years on Smeal, Tayler, Simco and Old General “A” frame rigs and cranes.

Relevant Project Experience

Sites 4 East & 8 North: Northrop Grumman Corp- Palmdale, CA
R&I Supervisor – Point of contact for client. Mobilize/schedule rig and crew to job site and perform the following rehab tasks: Pull customers pump equipment. Inject and swab acid. Set up chemical mixing trailer and injecting equipment. Install injecting tool w/contromie to upper perforations 482’. Perform well disinfection, video log.
Contact: Scott Larson (661) 272-8589
Contract Amount: $80,456.60

Contract 691: LADWP- Los Angeles CA
R&I Supervisor – Schedule/ mobilize crew to job site. Oversee all aspects of the project, coordinated vendors and/or resources for execution of project. Project consisted of services to remove, and install groundwater well submersible and vertical turbine line shaft pump units and to maintain repair or destroy wells on an intermittent basis.
Contact: Gonzalo Reyes (213) 367-8419
Contract Amount: $1,258,903.96

ANC: MMG Agribusiness, Wasco, CA
R&I Supervisor – Schedule/ mobilize crew to job site, supply, installation and removal of a temporary vertical turbine test pump equipment. Perform test pump development, 24 hour pump and surge, 12 hour step test, & 12 hour constant rate tests.
Contact: Steve Gilfenbain (310) 651-2591
Contract Amount: $354,387.85

Continued Education
Rehabilitation Process
Aqua Freed Process
RONALD WEBER
Field Supervisor
Water Resources Division

Summary of Qualifications

Mr. Weber has been in the Water Industry since 1979. He is knowledgeable of turbine, submersible and booster pump installation. As well as mud rotary, reverse and auger rig drilling. He will determine the safe production rate of each water well; and take accurate measurements of flow, pumping level, specific capacity and sand production. Knowledgeable in the use and safe handling of Cl₂, Muriatic Acid, sodium Thiosulfate, Soda Ash and Caustic Soda. Areas of specialized competence are water well development; pump efficiency testing, injection and production well rehabilitation, water pump installation, and water well drilling.

Relevant Project Experience

**Well 31: City of Corona, Corona, CA – Well Developer/Supervisor:** Well redevelopment to identify/mitigate the sand production during operation. Video survey performed followed by brushing and bailing of the well. Dual Swab Pumping throughout the screened section of the well to identify any specific areas that may be producing sand. Test pump installed and well was pumped at various flow rates to establish a flow where the sand production is at a minimum. A dynamic video was performed while the well was being test pumped to help identify any specific areas that might be the cause of the sand intrusion.

Contact: Zack Reid 951 739-4914
Contract Amount: $73,000.00

**Barrier Wells: LADPW, Alhambra, CA – Well Developer/Supervisor** – Services to remove and install groundwater well submersible and vertical turbine line shaft pump units and to maintain, repair, or destroy wells on an intermittent basis.

Contact: Cody Snider 626 458-6197
Contract Amount: NTE $915,966.00

Continued Education

Waste Water I
Water Math and Hydraulics
Licenses

CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

510011 = CORP
LAYNE CHRISTENSEN COMPANY

A C57 C61/D09 C10 C61/D21

05/31/2023 www.cslb.ca.gov
Contractor Information

Legal Entity Name
LAYNE CHRISTENSEN COMPANY

Legal Entity Type
Corporation

Status
Active

Registration Number
1000004273

Registration effective date
07/01/20

Registration expiration date
06/30/23

Mailing Address
1717 W PARK AVE REDLANDS 92373 CA United Sta...

Physical Address
1717 W PARK AVE REDLANDS 92373 CA United Sta...

Email Address
monique.lewinski@gcinc.com

Trade Name/DBA
LAYNE CHRISTENSEN COMPANY

License Number(s)
CSLB:510011

CSLB:510011

Registration History

Effective Date Expired Date
05/21/18 06/30/19
05/01/17 06/30/18
05/03/16 06/30/17
06/22/15 06/30/16
12/23/14 06/30/15
07/01/19 06/30/20
07/01/20 06/30/23

Legal Entity Information

Corporation Entity Number: 247-53949
Federal Employment Identification Number: 480920712
President Name: Michael G. Tatusko
Vice President Name: Kent M. Wartick
Treasurer Name: Kenneth B. Olson
Secretary Name: Aaron Storm
CEO Name:

Agency for Service:
Agent of Service Name: CT CORPORATION SYSTEM
Agent of Service Mailing Address: 818 WEST 7TH STREET LOS ANGELES 9C

Worker's Compensation

Do you lease employees through Professional Employer Organization (PEO)? No
Please provide your current worker's compensation insurance information below:

PEO PEO PEO
PEO Information Name Phone Email
Insured by Carrier: LAYNE CH
Policy Holder Name: Valley For
Insurance Carrier: WC 2749
Policy Number: 10/01/21
Inception date: 10/01/22
Expiration Date:
OUTSIDE CITY BUSINESS TAX

The person, firm or corporation named below is granted this certificate as evidence that the business has paid the required taxes to conduct business in City of Inglewood. This certificate is not a business license and it shall not be construed as authorizing the right to conduct or continue any business. This certificate is issued without verification that the taxpayer is subject to or exempt from licensing by the State of California.

Name: LAYNE CHRISTENSEN COMPANY
Location: 1717 W PARK AVE
Owner Name: ANDREW B SCHMITT

OUTSIDE CITY BUSINESS TAX
Number: S-038087
Description: Contractor/B
Issued Date: January 01, 2022
Expiration Date: December 31, 2022

LAYNE CHRISTENSEN COMPANY
1717 W PARK AVE
REDLANDS, CA 92373

TO BE POSTED IN A CONSPICUOUS PLACE

NOT TRANSFERABLE
Evidence of Insurance
CERTIFICATE OF LIABILITY INSURANCE

PRODUCER: Alliant Insurance Services, Inc.
Address: 560 Mission Street, 6th Floor
City: San Francisco, State: CA
Zip: 94105
Phone: 1-415-403-1491
Fax: 415-403-1491
Email: kleikam@alliant.com

INSURED: Layne Christensen Company
Address: 585 West Beach Street
City: Watsonville, State: CA
Zip: 95076

INSURER A: TRANSPORTATION INS CO
INSCR#: 20494

INSCR#: 20508

INSCR#: 20443

INSCR#: 20443

INSURER F:

CERTIFICATE NUMBER: 66586111

REVISION NUMBER:

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

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DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance

GL Per ISO Form CO 0001 10/01; AL Per ISO Form CA 0001 10/13

CERTIFICATE HOLDER

FOR INFORMATION ONLY

585 West Beach Street
City: Watsonville, State: CA
Zip: 95076

USA

CANCELLATION

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

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.
The named insured reserves its rights to provide any additional coverages under the policies above to only those expressly negotiated for by contract.
CERTIFICATE OF LIABILITY INSURANCE

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

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

PRODUCER LIC #OCR58661 1-415-403-1491
Alliant Insurance Services, Inc.
560 Mission Street, 6th Floor
San Francisco, CA 94105

INSURED
Layne Christensen Company
585 West Beach Street
Watsonville, CA 95076

CONTACT NAME: Kimberly Leikam
PHONE: 415-603-1491
FAX: 415-874-4818
EMAIL: kleikam@alliant.com
INSURER AFFORDING COVERAGE: STEADFAST INS CO
NAIC #: 26387

COVERAGE
COVERAGE NUMBER: 66683991
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

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<td></td>
<td>GEN. AGGREGATE LIMIT APPLIES: PER:</td>
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<td></td>
<td>POLICY</td>
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<td>LOC</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>AUTOMOBILE LIABILITY</td>
<td>ANY AUTO</td>
<td>OWNED</td>
<td>SCHEDULED</td>
<td>AUTOS</td>
<td>NON-OWNED</td>
<td>AUTOS</td>
</tr>
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</tr>
<tr>
<td></td>
<td>WORKERS' COMPENSATION AND EMPLOYERS' LIABILITY</td>
<td>ANY PROPRIETOR</td>
<td>PARTNER</td>
<td>EXECUTIVE OFFICER</td>
<td>EXCLUDED (Mandatory in NH)</td>
<td>Y/N</td>
<td>SCHEDULED</td>
</tr>
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</tbody>
</table>

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

EVIDENCE OF INSURANCE FOR BIDDING, PRE-QUALIFICATION AND COMPLIANCE PURPOSES

CERTIFICATE HOLDER
FOR INFORMATION ONLY
585 West Beach Street
Watsonville, CA 95076
USA

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

AUTHORIZED REPRESENTATIVE

©1988-2015 ACORD CORPORATION. All rights reserved.
The named insured reserves its rights to provide any additional coverages under the policies above to only those expressly negotiated for by contract.
Proof of Signing Authority
LAYNE CHRISTENSEN COMPANY
CERTIFICATE OF SECRETARY

I, Aaron Storm, Secretary of LAYNE CHRISTENSEN COMPANY, a Delaware corporation (the “Company”), do hereby certify that the following is a true and correct copy of resolutions duly adopted on September 20, 2022; that the Board of Directors acting was duly and regularly elected; and that the resolutions adopted have not been repealed and are still in full force and effect:

AUTHORIZATION TO EXECUTE DOCUMENTS AND AGREEMENTS

RESOLVED, that the following officers are authorized to execute and deliver on behalf of the Company all documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael G. Tatusko</td>
<td>President &amp; Group Manager</td>
</tr>
<tr>
<td>Kent M. Wartick</td>
<td>Vice President, Water Resources Division</td>
</tr>
<tr>
<td>Gernot E. Penzhorn</td>
<td>Vice President, Mineral Services Division</td>
</tr>
<tr>
<td>Elizabeth L. Curtis</td>
<td>Chief Financial Officer</td>
</tr>
<tr>
<td>Kenneth B. Olson</td>
<td>Treasurer &amp; Assistant Secretary</td>
</tr>
<tr>
<td>Aaron Storm</td>
<td>Secretary</td>
</tr>
<tr>
<td>Terry Jebavy</td>
<td>Group Controller &amp; Assistant Secretary</td>
</tr>
<tr>
<td>Brian M. Snelten</td>
<td>Assistant Secretary</td>
</tr>
<tr>
<td>Nicholas B. Blackburn</td>
<td>Assistant Secretary</td>
</tr>
</tbody>
</table>

RESOLVED FURTHER, that the authority provided for herein shall be in accordance with applicable policies, procedures, and delegations of authority previously approved and the Granite Construction Incorporated Delegation of Authority Policy then in effect.

AUTHORIZATION TO ATTEST DOCUMENTS AND AGREEMENTS

RESOLVED, that the following officers are authorized to attest documents, agreements and undertakings required in connection with construction contract formation and operations of the Company:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael G. Tatusko</td>
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<td>Gernot E. Penzhorn</td>
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<td>Aaron Storm</td>
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<td>Brian M. Snelten</td>
<td>Assistant Secretary</td>
</tr>
<tr>
<td>Nicholas B. Blackburn</td>
<td>Assistant Secretary</td>
</tr>
</tbody>
</table>

AUTHORIZATION OF APPROVED BORROWERS

RESOLVED, that the below listed individuals are authorized borrowers on behalf of the Company:

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kyle T. Larkin</td>
<td>President &amp; Chief Executive Officer</td>
</tr>
<tr>
<td>Elizabeth L. Curtis</td>
<td>Executive Vice President, Chief Financial Officer</td>
</tr>
</tbody>
</table>
Kenneth B. Olson  
Vice President, Treasurer & Assistant Financial Officer

RESOLVED FURTHER, that the authority provided herein is subject to limits of authority previously approved and the Granite Incorporated Delegation of Authority and Policy then in effect.

AUTHORIZATION OF APPROVED CHECK SIGNERS

RESOLVED, that the below listed individuals are authorized to sign checks and drafts drawn on the Company’s accounts:

Kyle T. Larkin  
President & Chief Executive Officer
Elizabeth L. Curtis  
Executive Vice President, Chief Financial Officer
Kenneth B. Olson  
Vice President, Treasurer & Assistant Financial Officer
Nicholas B. Blackburn  
Senior Director of Corporate Taxation

RESOLVED FURTHER, that the authority provided herein is subject to limits of authority previously approved and the Granite Incorporated Delegation of Authority and Policy then in effect.

Dated: September 20, 2022

[Signature]

Aaron Storm

Layne Christensen Company 
EST. 1887

[Seal]
This Temporary Authorization is made pursuant to, and in accordance with, GMS FOA-SP-001 Limits of Authority Procedure ("Procedure"). The undersigned authorizes and appoints Todd A. Howard, General Manager, to bid projects, provide proposals, execute contract documents including change orders and purchase orders, and other necessary functions to advance projects and opportunities within their authority as dictated by the Limits of Authority Matrix Exhibit C for the period from July 1, 2022 through and including December 31, 2022.

This authority is subject to the terms and conditions of the Policy, the limits of authority granted to the undersigned pursuant to such Policy, the FOA-GD-001 Limits of Authority Matrix (Exhibits A & B & C) and all other applicable GMS policies.

Comments: Temporary Authorization expires December 31, 2022

Dated: June 28, 2022

Authorizing Individual: __________________________
Print Name: Kent M. Wartick, Vice President and Division Manager (WRD)

Instructions:
Form to be retained by authorizing individual and designee.

This form may be used to delegate signature authority for a bid, including an electronic bid. The comments section may be used to further identify the specific project. Please upload an executed copy to the opportunity in Granite’s bidding system (CAM360).
Proposal Bid Forms
Bid Proposal

"INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT"

To the Mayor and City Council
City of Inglewood
Inglewood, CA 90301

The undersigned declares that he/she has carefully examined the location of the proposed work and has otherwise satisfied himself/herself as to the nature and location of the work, and is fully informed as to all conditions and matters which can in any way affect the work or cost thereof, that he/she has examined the Specifications and Plans, and has read the accompanying "INSTRUCTIONS TO BIDDERS" and hereby agrees to provide the following:

To furnish all labor, materials, equipment, transportation, and services and to do all the work required for the "INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT" and in strict conformity with the specifications and at the following total lump sum prices, to Wit:

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Bid Item Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization and Demobilization including Business License &amp; Liability Insurance.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$ 58,710.00</td>
<td>$ 58,710.00</td>
</tr>
<tr>
<td>2</td>
<td>Traffic Control &amp; Devices and Site Security (temporary fence, etc.)</td>
<td>1</td>
<td>Lump Sum</td>
<td>$ 12,825.00</td>
<td>$ 12,825.00</td>
</tr>
</tbody>
</table>
| 3       | Well No. 4 Rehabilitation

   Implementation of NPDES (Baker’s tanks), BMPs, and SCAQMD Rule 403 in accordance with the latest State regulations |
<p>| 4       | Using crane &amp; manpower to remove entire existing pump/motor assembly, and discharge Manifold. | 1        | Lump Sum  | $ 36,300.00 | $ 36,300.00 |
| 5       | Video the well condition before and after thorough cleaning (DVD/MP4 &amp; report).      | 3        | Each      | $ 2,315.00  | $ 6,945.00 |
| 6       | Wire-brush Well Casing.                                                              | 16       | Hours     | $ 550.00    | $ 8,800.00 |
| 7       | Bailing the well, plus disposal of removed materials.                                | 32       | Hours     | $ 550.00    | $ 17,600.00 |
| 8       | Clean well via Bore Blast/Air Burst. (OPTIONAL)                                     | 16       | Hours     | $ 760.00    | $ 12,160.00 |
| 9       | Airlifting, plus disposal of removed materials.                                      | 32       | Hours     | $ 850.00    | $ 27,200.00 |
| 10      | Perform Chemical Treatment to well using Innovia chemicals per Innovia chemicals attachment - upon City approval. | 1        | Lump Sum  | $ 129,425.00 | $ 129,425.00 |</p>
<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Lump Sum</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Installation and removal of Test Pump.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$77,220.00</td>
<td>$77,220.00</td>
</tr>
<tr>
<td>12</td>
<td>Sample and Test Effluent Discharge.</td>
<td>3</td>
<td>Each</td>
<td>$1,675.00</td>
<td>$5,025.00</td>
</tr>
<tr>
<td>13</td>
<td>Redevelopment by Pumping.</td>
<td>48</td>
<td>Hours</td>
<td>$455.00</td>
<td>$21,840.00</td>
</tr>
<tr>
<td>14</td>
<td>Yield and Drawdown Tests.</td>
<td>48</td>
<td>Hours</td>
<td>$455.00</td>
<td>$21,840.00</td>
</tr>
<tr>
<td>15</td>
<td>Furnish and Install New C.I. Well Discharge Head Assemblies (including reducer, stuff box, etc.) and connection to raw water pipe downstream.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$5,360.00</td>
<td>$5,360.00</td>
</tr>
<tr>
<td>16</td>
<td>Furnish and Install new submersible pump/motor assembly with design: 300 gallon per minute @ 575-feet TDH &amp; 100-HP motor.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$54,600.00</td>
<td>$54,600.00</td>
</tr>
<tr>
<td>17</td>
<td>Furnish and Install new 6-inch Column Pipe Assembly to fit new submersible pump/motor assembly and new discharge head.</td>
<td>500</td>
<td>LF</td>
<td>$70.00</td>
<td>$35,000.00</td>
</tr>
<tr>
<td>18</td>
<td>Furnish and Install air line with direct read gauge for water level monitoring.</td>
<td>1</td>
<td>SET</td>
<td>$1,935.00</td>
<td>$1,935.00</td>
</tr>
<tr>
<td>19</td>
<td>Furnish and install electronic submersible transducer (titanium) with a 2-inch x 500-feet PVC pipe for level &amp; pressure (length=500 feet): 4-20mA output; 8-36 VDC. – upon City approval.</td>
<td>1</td>
<td>SET</td>
<td>$6,375.00</td>
<td>$6,375.00</td>
</tr>
<tr>
<td>20</td>
<td>Inspect, Evaluate, and Recommend Existing Electrical System &amp; Wiring for downsizing from 2300 voltage service to 460 or 230 voltage by a licensed electrician.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$3,525.00</td>
<td>$3,525.00</td>
</tr>
<tr>
<td>21</td>
<td>Furnish &amp; Install new electrical system parts &amp; components/units for downsizing from 2300 voltage service to 460 voltage or 230 voltage by a licensed electrician.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$143,650.00</td>
<td>$143,650.00</td>
</tr>
<tr>
<td>22</td>
<td>Miscellaneous &amp; all other Works such check motor rotation, pump adjustment, perform start-up, test, and disinfection plus Final Report.</td>
<td>1</td>
<td>Lump Sum</td>
<td>$47,270.00</td>
<td>$47,270.00</td>
</tr>
<tr>
<td>23</td>
<td><strong>Removal of existing Programmable Logic Controller (PLC) system and cleanup.</strong></td>
<td>1</td>
<td>Lump Sum</td>
<td>$4,487.00</td>
<td>$4,487.00</td>
</tr>
<tr>
<td>24</td>
<td><strong>Furnish and Install ControlWave Micro PLC System, including a mount, I/O Cards, and retro-fit kit.</strong></td>
<td>1</td>
<td>Lump Sum</td>
<td>$57,115.00</td>
<td>$57,115.00</td>
</tr>
<tr>
<td></td>
<td>Furnish and Install a new power supply and battery, and backup battery unit for new PLC system. Explosion/Leak Free Battery Required.</td>
<td></td>
<td>Lump Sum</td>
<td>$3,525.00</td>
<td>$3,525.00</td>
</tr>
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</tr>
<tr>
<td>26</td>
<td>Provide PLC software programming and communication setup service.</td>
<td></td>
<td>Lump Sum</td>
<td>$25,000.00</td>
<td>$25,000.00</td>
</tr>
<tr>
<td>27</td>
<td>Miscellaneous, incidentals &amp; all other Works such as pump adjustment, other during the startup, etc.; provide Final Report including as-built drawing, as indicated on the contract documents.</td>
<td></td>
<td>Lump Sum</td>
<td>Deleted</td>
<td>Deleted</td>
</tr>
</tbody>
</table>

**TOTAL BID WRITTEN IN WORDS**

EIGHT HUNDRED SEVENTY THOUSAND, ONE HUNDRED SEVEN DOLLARS & ZERO CENTS

**TOTAL BID IN FIGURES**

$870,107.00

IN CASE OF DISCREPANCY BETWEEN THE WORDS AND FIGURES, THE WORDS SHALL PREVAIL. The undersigned understands that the City of Inglewood reserves the right to accept or reject any or all bids submitted, to re-advertise at its discretion.

This bid is based upon completing the work within one hundred eighty (180) working days from the date of the Notice to Proceed. Before signing the contract, the lowest responsible bidder shall furnish all necessary bonds within ten (10) days after receiving the Contract notification.

Each bid must be accompanied by a deposit in the form of cash, a cashier’s or certified check made payable to the City of Inglewood, or a bid bond, for an amount of not less than ten percent (10%) of the aggregate amount of the bid, as a guarantee that the successful bidder will, within the time specified, enter into an agreement as provided in the Bid Document and furnish bonds when required in the Special Provisions: one for Faithful Performance in the amount of the Contract Sum, and one for Contractor’s Labor and Materials in the amount of the Contract Sum.

Attention is directed to the provisions of Public Contract Code Section 10164 concerning Contractor’s licensing laws. This contract requires at least a valid California Contractor License Class “A” License or Class “C57” Water Well Drilling Contractor License at the time of bid. In addition, a City of Inglewood business license will also be required.

Lowest monetary bidder will be determined by the total lump sum bid amount indicated above. The City, however, reserves the right to add or subtract quantities or work based on the unit prices/unit lump sums so indicated as its budgetary needs may require. Notwithstanding Section 3, paragraph 3-2.1 of the Standard Specification for Public Works Construction, the City may change the Plans, Specifications, character of the work, or quantity of work provided even when the total arithmetic dollar value of such changes, both additive and deductive, are in excess of twenty-five percent (25%) of the Total Contract price. No adjustment for the Unit Prices/Unit Lump Sum will be made for the adjusted quantities or work.

If subcontracted works involved, per California Public Contract Code (PCC) 4105 of the PCC Division 2 Part 1 Chapter 4, the primary contractor is required to complete at least 50% of the amount of project works. Otherwise, the primary contractor violates the contract of the project, and City shall void this contract and stop all works at City’s discretion for the best interest of the City. For this reason, if the contract becomes

**BID NO. CB-23-01**

**ADDENDUM NO. 1 & NO. 2**

**8 OF 120**

**Inglewood Well 4 Rehab & NIBP-#3**

**Pump-Replacement Project**

35
void, City shall terminate the contract without paying any fee/other fees or additional costs to the Contractor/Subcontractors except the works completed at the time of the termination/work stopped.

Pursuant to Federal law, Disadvantaged Business Enterprise (DBE) requirements shall include all DBEs, as described in the Specifications. This project is subject to state contract nondiscrimination and compliance requirements pursuant to Government Code Section 12990, and in any contract entered into pursuant to this advertisement, DBEs will be afforded full opportunity to submit bids in response to this invitation.

Attention is directed to the provisions of Labor Code § 1725.5: No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations (with limited expectations for this requirement for bid purposes only under Labor Code Section 1771.1a). No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations. All contractors and subcontractors must furnish electronic certified payroll records to the Labor Commissioner for all new projects awarded on or after April 1, 2015. The Labor Commissioner may excuse contractors and subcontractors on a project that is under the jurisdiction of one of the four legacy DIR-approved labor compliance programs (Caltrans, City of Los Angeles, Los Angeles Unified School District and County of Sacramento) or that is covered by a qualified project labor agreement. The project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Attention is directed to the provisions of Sections 1777.5 and 1777.6 of the Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under them. The Contractor or any subcontractor shall comply with the requirements of said sections in the employment of apprentices. Information relative to apprenticeship standards and administration of the apprenticeship program may be obtained from the Director of Industrial Relations, San Francisco, CA, or the Division of Apprenticeship Standards and its branch offices.

Also, Amendments to Assembly Bill 219 became effective on July 1, 2016. The amendments made the following changes to Labor Code section 1720.9: a company hauling or delivering ready-mix concrete for a public works contract shall perform the following: (1) Register as a public works contractor; (2) Submit a certified copy of the payroll records required by subdivision (a) of Section 1776 to the party that engaged the company and to the general contractor within five working days after the employee has been paid, accompanied by a written time record that shall be certified by each driver for the performance of job duties; and (3) Ready-mix concrete companies' requirement to submit payroll online to DIR using its electronic certified payroll reporting system is temporarily on hold.

Notice is hereby given that the City Council has ascertained the prevailing rates of per diem wages in the locality in which the work is to be done for each craft or type of workman or mechanic needed to execute the Contract in accordance with the provisions of Section 1770, etc. seq. of the Labor Code; said prevailing rates are on file in the Office of the City Clerk and are incorporated herein by reference. Copies shall be made available to any interested party on request.

PREVAILING WAGE REQUIREMENTS: Pursuant to California Labor Code Sections 1770, 1773, 1773.1, 1773.6, and 1773.7, as amended, the applicable prevailing wages for this project have been determined. It shall be mandatory upon the contractor to whom the contract is awarded and upon any subcontractor under him to pay not less than the higher of the Federal and the State prevailing wage rates to all workers employed by them in the execution of the contract. The applicable Federal prevailing wage rates are those that are in effect ten (10) calendar days prior to bid opening; they are set forth on the U.S. General Services Department website: https://beta.sam.gov/help/wage-determinations but are not printed in the Specifications. Lower State wage rates for work classifications not specifically listed in the Federal wage decision are not acceptable. The applicable State prevailing wage rates are set forth on the California Department of Industrial Relations website: http://www.dir.ca.gov/DLSR/PWD but are not printed in the Specifications;
these rates are subject to predetermined increases.

The U.S. Department of Transportation (DOT) provides a toll-free hotline service to report bid rigging, bidder collusion, or other fraudulent activities. The hotline is available Mondays through Fridays between 8:00 a.m. and 5:00 p.m. eastern time, at (800) 424-9071. The hotline is part of the DOT's continuing effort to identify and investigate highway construction contract fraud and abuse and is operated under the direction of the DOT Inspector General. All information will be treated confidentially, and caller anonymity will be respected.

Conflict of Interest: in the procurement of supplies, equipment, construction, and services by sub-recipients, the conflict of interest provisions in 24 CFR 85.36, OMB Circular A-110, and 24 CFR 570.611 shall apply. No employee, officer, or agent of the sub-recipient shall participate in the selection, award, or administration of a contract supported by federal funds if a conflict of interest, real or apparent, would be involved. This project is subject to the "Buy America" provisions of the Surface Transportation Assistance Act of 1982 as amended by the Intermodal Surface Transportation Efficiency Act of 1991.

NOTICE: The City of Inglewood will retain ownership of all building materials (i.e., plywood boards and beams) and security devices (i.e., security window grates and security doors) used for security on the buildings that constitute the properties identified in this bid package. All companies bidding on this project shall take that fact into consideration when preparing and submitting a bid. At its discretion, the City of Inglewood maintenance crews shall select and remove the plywood building materials and security devices from the buildings prior to the buildings being abated of asbestos/lead paint and demolished. The City of Inglewood maintenance crews will be solely responsible for removing the plywood building materials and security devices from the buildings. The general contractor for the project shall not assess a fee or cost to the City of Inglewood for removing its plywood building materials and security devices from its buildings.*

Layne Christensen Company

Company's Legal Name

1717 W Park Ave.  Redlands,  CA  92373  (909) 390-2833
Street Address of Company  City  State  Zip code  Phone number

Authorized Signature  General Manager  12/6/2022

Todd A. Howard

Type or Print Authorized Person's Name

A C57 C61/D09 C10 C61/D21  CA  510011 Ecp; 5/31/2023
Contractor License Type  State  Number & Expiration

BID NO. CB-23-01
ADDITIONAL NO. 1 & NO. 2
10 OF 120
Inglewood Well 4 Rehab & NHP#3
Pump Replacement Project
Bid Bond
Project Name: Inglewood Well No.4 Rehabilitation Project

KNOW ALL MEN BY THESE PRESENTS: THAT we, Layne Christensen Company as Principal, and Travelers Casualty and Surety Company of America as Surety, are held and firmly bound unto the City of Inglewood, hereinafter called the City, in the penal sum of Ten Percent (10%) TEN PERCENT (10%) OF THE TOTAL AGGREGATE AMOUNT OF THE BID of the Principal submitted to the said City for the work described below for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying bid dated December 7, 2022 for the City of Inglewood procurement commonly referred to as:

Inglewood Well No.4 Rehabilitation Project CB-23-01

NOW, THEREFORE, if the Principal shall not withdraw said bid within the period specified therein after the opening of the same, or, if no period be specified, within sixty (60) days after said opening; and, if the Principal be awarded the Contract, and shall within the period specified therefore, or, if no period be specified, within five (5) days after the prescribed forms are presented to him/her/it for signature, enter into a written Contract, as applicable, with the City, in accordance with the Bid accepted and give bonds with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such contract and for the payment for labor and materials used for the performance of the contract(s), or in the event of the withdrawal of said Bid within the period specified or the failure to enter into such Contract and give such bonds within the time specified, if the Principal shall pay the City the difference between the amount specified in said Bid and the amount for which the City may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the City in again calling for Bids, then the above obligation shall be void and of no effect, otherwise to remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract on the call for Bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in anywise affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said contract or the call for Bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the City and judgment is recovered, the Surety shall pay all litigation expenses incurred by the City in such suit, including reasonable attorneys’ fees, court costs, expert witness fees and investigation expenses.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this 22nd day of November, 2022, the name and corporate seal of each corporate party being heretofore affixed and these presents duly assigned by its undersigned representative, pursuant to authority of its governing body.

Principal: Layne Christensen Company
By: [Signature]
Title: Todd A. Howard, General Manager

SURETY: Travelers Casualty and Surety Company of America
By: [Signature]
Attorney-in-Fact
Isabel Barron, Attorney-In-Fact

BID NO. CB-23-01
ADDENDUM NO. 1 & NO. 2
11 OF 120
Inglewood Well 4 Rehab & MBP #3 Pump Replacement Project

38
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT  
CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of San Bernardino  
Redlands

On 12/6/2022 before me, Herminia Gilbon, Notary Public, 

Date Here Insert Name and Title of the Officer

personally appeared Todd A. Howard

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  
Signature of Notary Public

Herminia Gilbon

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Bid Bond  
Document Date: 11/22/2022

Number of Pages: 4  
Signer(s) Other Than Named Above: Isabel Barron, AIF for Surety

Capacity(ies) Claimed by Signer(s)

Signer’s Name:  

☐ Corporate Officer — Title(s):  
☐ Partner — Limited  
☐ General  
☐ Individual  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other:  

Signer Is Representing:  

Signer’s Name:  

☐ Corporate Officer — Title(s):  
☐ Partner — Limited  
☐ General  
☐ Individual  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other:  

Signer Is Representing:  

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-875-6827)  
Item #5907
ACKNOWLEDGMENT

State of California
County of Santa Cruz

On November 22, 2022 before me, Maria Gomez, Notary Public

(insert name and title of the officer)

personally appeared Isabel Barron, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Maria Gomez, Notary Public

(Seal)
POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Isabel Barron of Watsonville, California, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be heretofore affixed, this 21st day of April, 2021.

State of Connecticut

City of Hartford ss.

By: ________________________________
    Robert L. Raney, Senior Vice President

On this the 21st day of April, 2021, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2026

Anna P. Novik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

FURTHER RESOLVED, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary, and it is

FURTHER RESOLVED, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

FURTHER RESOLVED, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries and Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and are each power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the Power of Attorney is true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this November 22, 2022

Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.
Please refer to the above-named Attorney(ies)-in-Fact and the details of the bond to which this Power of Attorney is attached.
List of Subcontractor

As of March 1, 2015, Contractors (and subcontractors) wishing to bid on public works contracts shall be registered with the State Department of Industrial Relations and certified to bid on Public Works contracts.

In accordance with Title 49, Section 26.11 of the Code of Federal Regulations and Section 4104 of the California Public Contract Code, the following information is required for each subcontractor that will perform work amounting to more than one-half of one percent (0.5%) of the Total Base Bid or $10,000, whichever is greater. Photocopy this form for additional firms.

<table>
<thead>
<tr>
<th>Subcontractor Name and Location</th>
<th>Line Item &amp; Description</th>
<th>Subcontract Amount</th>
<th>% of Bid Item Subcontracted</th>
<th>Contractor License Number and DIR Reg. Number</th>
<th>DBE (Y/N)*</th>
<th>DBE Cert Number*</th>
<th>Annual Gross Receipts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Littlejohn-Reuland Corporation</td>
<td>20,21,23,24, 25, &amp; 26</td>
<td>$237,250.00</td>
<td>100% of line items listed</td>
<td>4418</td>
<td>N</td>
<td>1000005408</td>
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* DBE information not required for locally-funded, state-funded, and U.S. Housing and Urban Development / Community Development Block Grant (CDBG)-funded projects.
References - please provide Reference(s) on similar type of work:

1. **Virgin Valley Water District**  
   Contact Person: Aaron Bunker  
   Phone: (702) 346-5731  
   Organization/Agency:  
   **Type of work performed**  
   Well No. 31 Pump Rehabilitation  
   (See Section 3 of proposal for more details)  
   **$192,987**  
   Contract amount  
   Date completed: **7/2022**

2. **San Bernardino County - Special District Dept.**  
   Contact Person: Chris Bishop  
   Phone: (760) 962-1510  
   Organization/Agency:  
   **Type of work performed**  
   CSA 70J Well 2 Repair  
   (See Section 3 of proposal for more details)  
   **$189,618**  
   Contract amount  
   Date completed: **7/2022**

3. **City of Victorville**  
   Contact Person: Arnold Villareal, Water Manager  
   Phone: (760) 955-2993  
   Organization/Agency:  
   **Type of work performed**  
   Well 109 and 120 Rehabilitation Project  
   (See Section 3 of proposal for more details)  
   **$263,096**  
   Contract amount  
   Date completed: **6/2022**

4. **Victorville Water Department**  
   Contact Person: Arnold Villareal, Water Manager  
   Phone: (760) 955-2993  
   Organization/Agency:  
   **Type of work performed**  
   Well 116 Rehab  
   (See Section 3 of proposal for more details)  
   **$445,900**  
   Contract amount  
   Date completed: **3/2022**
Question Concerning Bid
All questions and issues related to the bid requirement or the expected information must be made in writing through the City Planet Bids Portal.

Please visit https://pbsystem.planetbids.com/portal 45619/portal-home to learn about bid opportunities available to Contractors, or suppliers.

The City will only communicate with one person per bid. It is the responsibility of the Contractor to ensure that the City has the correct name and address of the contact person, phone number, and e-mail address. All changes to the instructions in this BID will be made through a written addendum and the addendum will be posted on the City Planet bid portal for bidders to obtain.

Mandatory Pre-Bid Job Walk will be on 10:00 a.m. on Wednesday, October 26, 2022 at 2401 West 101st Street, Inglewood, CA 90303, near the intersection of West 101 Street & West Century Boulevard South-Local Street.

No Questions will be received or responded to after 12:00 p.m. on Tuesday, November 15, 2022

Each bid to be considered must be delivered to and received no later than 11:00 a.m. on Wednesday, December 7, 2022 at the City of Inglewood City Clerk’s Office.

Submission of Bids
Written responses to the BID NO. CB-23-01 must be prepared as specified above as to form, content, and sequence. Respondents should follow the checklist to ensure that all requirements are met. No changes to responses may be made after the submittal deadline.

- Bid Proposal/Fee shall be in a sealed envelope with the name and address of the respondent in the upper left-hand corner and marked “BID NO. CB-23-01 INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT”.
- One original Bid for “BID NO. CB-23-01 INGLEWOOD WELL NO. 4 REHABILITATION & NORTH INGLEWOOD BOOSTER PUMP #3 REPLACEMENT PROJECT” shall deliver to City of Inglewood City Clerk’s Office, received on or before, but no later than 11:00 a.m. on Wednesday, December 7, 2022. Any responses received after this time will not be considered by the City.
- The response shall be signed by an officer, or officers, authorized to execute legal documents on behalf of the respondent and submitted to:

  City of Inglewood - Office of the City Clerk
  1 West Manchester Blvd, First Floor, Inglewood, CA 90301

The City reserves the right to waive informalities in any bid, to reject any or all bids, to reject one part of a bid and accept the other, except to the extent that bids are qualified by specific limitations, and to make awards to the Contractor whose bid is most beneficial to the needs of the City.

Each firm is responsible for the timely delivery of any response. Additionally, the City will not be responsible for the delivery of any bid to the wrong address or City Department. Each firm assumes all risks and/or consequences of an incorrect delivery or an untimely delivery of a bid.

Waiver and Rights of the City
There is no guarantee that the City will decide to move forward with any Contractor based on the Bid submittals.

The City reserves the right to reject any or all submittals and bids. The Contractor waives all rights to seek compensation and/or legal remedies regarding any aspects of the Bid and the City’s selection process,
upon the submittal of a response to the Bid.

The City reserves the right, at its discretion, to pursue any or all of the following actions related to this Bid.

a. Issue addenda to the Bid. Addendum or addenda will be posted on www.planetbids.com to the prospective Contractor(s).

b. Request additional information and/or clarification of the bid.

The balance of this page is intentionally left blank.
Declaration for the Contractor
I declare that I am an authorized agent or officer of the entity submitting this bid and in such capacity I am empowered to submit this bid on behalf of (entity):

Layne Christensen Company

I also verify that all information submitted and contained herein is true and correct to the best of my knowledge and belief.

BY: ____________________________
Signature: ______________________

Printed Name: Todd A. Howard
Position/Title: General Manager
Date of Execution: 12/6/2022
Extension of Contract to Other Public Agencies
The prices, terms and conditions of this bid may be extended to other governmental agencies at the mutual agreement of both the City and the Contractor. All requirements of the specifications, purchase orders, invoices, and payments with other agencies would be directly with the successful Contractor. The City of Inglewood does not warrant any additional use of the contract by such agencies. The Contractor's response as requested below will no way affect the City of Inglewood's consideration of this quote.

Please indicate if this quote will be extended to other public agencies, and the length of time it will remain in effect from the opening date of this quote.

Yes ☐ No ☒

Length of Time: __________________________ (Days/Months)
Noncollusion Declaration to be Executed by Bidder and submitted with Bid
(Title 23 United States Code Section 112 and Public Contract Code Section 7106)

To the CITY / COUNTY of Inglewood
DEPARTMENT OF PUBLIC WORKS.

In conformance with Title 23 United States Code Section 112 and Public Contract Code 7106, the undersigned declares:
I am the General Manager of Layne Christensen Company, the party making the foregoing bid. The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on 12/6/2022 [date], at Redlands [city], California [state]."

Note: The above Noncollusion Affidavit is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Noncollusion Affidavit. Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

[Signature]
Todd A. Howard
General Manager

Signature of Officer or Authorized Agent
### EXHIBIT 15-G CONSTRUCTION CONTRACT DBE COMMITMENT

1. **Local Agency:** City of Inglewood  
2. **Contract DBE Goal:** 1%
3. **Project Description:** Inglewood Well No. 4 Rehabilitation Project
4. **Project Location:** 3630 West 118th Place, Inglewood, CA 90303
5. **Bidder's Name:** Layne Christensen Company
6. **Prime Certified DBE:** ☐
7. **Bid Amount:**
8. **Total Dollar Amount for ALL Subcontractors:**
9. **Total Number of ALL Subcontractors:**

<table>
<thead>
<tr>
<th>10. <strong>Bid Item Number</strong></th>
<th>11. <strong>Description of Work, Service, or Materials Supplied</strong></th>
<th>12. <strong>DBE Certification Number</strong></th>
<th>13. <strong>DBE Contact Information</strong> (Must be certified on the date bids are opened)</th>
<th>14. <strong>DBE Dollar Amount</strong></th>
</tr>
</thead>
</table>
| All                     | Equipment Rentals                                         | 44841                           | Trinity Equipment Rentals  
2650 S La Cadena Dr,  
Colton, CA 92324 | est. $9,000 |

**Local Agency to Complete this Section**

21. **Local Agency Contract Number:**
22. **Federal-Aid Project Number:**
23. **Bid Opening Date:**
24. **Contract Award Date:**

Local Agency certifies that all DBE certifications are valid and information on this form is complete and accurate.

25. **Local Agency Representative's Signature**  
26. **Date**  
27. **Local Agency Representative’s Name**  
28. **Phone**  
29. **Local Agency Representative’s Title**

15. **TOTAL CLAIMED DBE PARTICIPATION**

$9,000  
1 %

**IMPORTANT:** Identify all DBE firms being claimed for credit, regardless of tier. Names of the First Tier DBE Subcontractors and their respective item(s) of work listed above must be consistent, where applicable with the names and items of the work in the "Subcontractor List" submitted with your bid. Written confirmation of each listed DBE is required.

16. **Preparer’s Signature**  
17. **Date**  
18. **Preparer’s Name**  
19. **Phone**  
20. **Preparer’s Title**

**General Manager**

**Todd A. Howard**  
(909) 390-2833

**DISTRIBUTION:** 1. Original – Local Agency  
2. Copy – Caltrans District Local Assistance Engineer (DLAE). Failure to submit to DLAE within 30 days of contract execution may result in de-obligation of federal funds on contract. Include additional copy with award package.

**ADA Notice:** For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3950 or write Records and Forms Management, 1120 N Street, MS-89 Sacramento, CA 95814

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**F-30**  
January 2019  
49
Clarifications Letter
City of Inglewood

Bid No. CB-23-01

Inglewood Well No. 4 Rehabilitation Clarifications

Layne assumes the time of completion is 180 working days and not the 200 working days stated on the Federal contract portion of the specifications provided.

Layne assumes that the time of completion will be adjusted due to current material procurement lead times, upwards of 30 weeks.

Layne has excluded any portion of the bid in reference to Booster pump #3.

Layne assumes that the final pump design will be based on information collected from testing the well and that the equipment provided as part of the bid is for bid purposes only.

Layne assumes that any LD's implemented will be at the rate of $400 (four hundred dollars) per day in lieu of the stated $8,300 (eight thousand, three hundred dollars) as stated in the Federal Contract portion of the bid specifications provided.

Bid Item 10 – Layne has calculated the volume of chemistry to be used based on the well's original bore hole volume to aid in fully cleaning all three layers of casing.

Bid Item 10, Section 3.3 – Chemical treatment does not include removal of the chemistry in the well. Layne assumes bid item 9, Airlifting, will be performed to remove the chemistry, and billed at the hourly rate.

Bid Item 15 – Layne is taking exception to Furnish and supply new CI discharge head or the use of the existing head due to possible limitations for the use of submersible pump cable. Layne will furnish a new fabricated steel submersible pump surface plate (discharge head). The surface plate will accommodate the existing pipeline height and fitment.

Section 3.4 - Layne takes exception to providing a test pump capable of producing 1500gpm or 3000gpm. Layne will furnish, install and remove a test pump capable of producing 500gpm with a tdis of 540', set to a depth of 500'.

Section 3.6 – Layne assumes that samples can be collected by competent Layne crew member and tested by a certified laboratory and excludes having a lab tech collect samples at the site.

Section 3.8 – Disinfection of the well be performed utilizing the test pump prior to removal. This is due to the permanent pumping equipment to be designed with a check valve and will not allow surging whereas the test pump will not be equipped with a check valve and will allow surging.

Section 3.8 – Layne will perform a second round of disinfection treatment if the results from the initial disinfection are not satisfactory. If additional disinfection is required beyond a second round, Layne will issue a change order to perform additional disinfection methods.

Section 3.9 – Layne takes exception to the specification pertaining to rewinding motors. The motor being provided is new and of the submersible type.

Electrical scope of work:
• Supply and install a conduit run from the existing MV switchgear switch to a new 150 kva transformer 4160 v. – 480 v.
• Supply and install conduit apparatus, conduit supports & strapping for a new feeder to the transformer
• Supply and install a new 150kva transformer outside of the pump building on a serviced pad
• Supply and install appropriately sized medium voltage cabling from the main distribution to the new transformer
• Supply and install medium voltage termination kits
• Test cable and termination kits installed
• Makeup terminations on the primary side of the transformer and the main distribution
• Supply and install conduit between the secondary side of the new transformer and the motor starter unit
• Supply and install conduit apparatus, conduit supports & strapping for a conduit between the transformer and starter unit
• Supply and install (1) 100 HP 480v starter unit location to be determined
• Supply and install appropriately sized cables the between secondary side of transformer and the new motor starter unit
• Test cables
• Makeup terminations on the secondary side of the transformer and the new starter unit
• Supply and install a conduit run from the new starter unit to the pump motor
• Supply and install conduit apparatus, conduit supports & strapping for a conduit between the starter unit and the pump motor
• Supply and install appropriately sized cables between the starter unit and the pump motor
• Test cables
• Makeup terminations on the starter unit and the pump motor

Removal of existing Programmable Logic Controller (PLC) system and cleanup. The existing Bristol 3330 unit will be removed and replaced with the new Control Wave Micro PLC mounted on a panel designed to fit in place of the legacy PLC. Other components and wiring in the enclosure will remain in place.

Furnish and Install Control Wave Micro PLC System, including a mount, I/O Cards, and retro-fit kit. provide a Control Wave Micro PLC assembly that is designed to fit into the wall mounted control panel that is currently housing the existing Bristol 3330 at the Well 4 Pump Station facility. The Control Wave Micro will contain the appropriate complement of I/O cards to maintain its current function, communicate with the Data Concentrator via radio, and communicate to Wells

• **The new Control Wave Micro PLC System will include**
  • 1. Control Wave Micro Chassis 8-Slot
  • 2. Control Wave Micro 150 MHz CPU
  • 3. Control Wave Micro PSU 24V
  • 4. Control Wave Micro 20-Button Keypad
  • 5. Control Wave Micro Communication Card, 2 Serial, 1 Ethernet
  • 6. Control Wave Micro I/O Card - 16 DO
  • 8. A1
  • 9. Control Wave Micro I/O Card - 4 AO, QTY x2
• 10. Radio Cable, 3-6 Feet, for Micro to a MDS Transnet 900 Radio
• 11. Radio Cable, 3-6 Feet, for CWMicro to a MDS 9810 Radio

• Furnish and install a new power supply and backup battery unit for new PLC system

• Programming PLC software and communication setup service. The existing Bristol ACCOL load/program will be converted to Control Wave Designer using the Bristol ACCOL Translator Tool. The results will be reviewed and modified as needed and configured to accommodate the ACCOL names. Replacement and termination of the replacement sub-panel, on-site startup assistance, troubleshooting, and debugging is included in this scope of work.

• Supply and install conduit and wiring for controls from the starter unit back to the new scada system

Note: Approximately Lead time schedule at this time to procure equipment
Scada Panel ..................................180 days
Starter unit ..................................120 Days
Transformer .................................15-30 weeks

Pricing does not include permit and plan check fees.
Addendum(s)
ADDITIONAL NO. 1

Inglewood Well No. 4 Rehabilitation & North Inglewood Booster Pump #3 Replacement Project CB-23-01

TO: PROSPECTIVE BIDDERS

SUBJECT: MODIFICATION OF PLAN AND BID SPECIFICATIONS

The following modifications have been made to the Project Plan and Bid Specifications:

1. Per City Manager's office in regard to ARPA funding, the project is now changed to “Inglewood Well No. 4 Rehabilitation Project” from “Inglewood Well No. 4 Rehabilitation & North Inglewood Booster Pump #3 Replacement Project” for removing bid items for North Inglewood Booster Pump #3 Replacement. On Page 7, 8, 99, and 100, Bid Item #23, #24, #25, and #26 will be changed and Item #27 will be deleted. Prospective bidders were/are notified.

2. On Page 97, for Bid Item #15, a new paragraph is added as “Contractor can use the existing discharge modified and reconditioned/repainted. The newly modified discharge head must fit the new pump/motor, pump column, and downstream raw water pipe.” Please see the attached updated Page 97. Prospective bidders are asked to bid based on this.

3. On Page 7, 97, and 98, for Bid Item #16, city is asking for new submersible pump/motor assembly with 100-HP motor, flow of 300 gallon per minute, and 575-feet total dynamic head (TDH). Please see the attached updated Page 7, 97, and 98. Prospective bidders are asked to bid based on this.

4. On Page 99, for Bid Item #21, a new sentence is added to bid explanation as “It shall include replacement of wirings, interrupters, and fuses plus new step-down electrical transformer.” Please see the attached updated Page 99. Prospective bidders are asked to bid based on this.

5. On Page 7 and Page 99, for Bid Item #23, city is asking to change to “Removal of existing Programmable Logic Controller (PLC) system and cleanup” from “Using crane to Remove & Re-Install Motor, Column Tube Shaft, Discharge Manifold, & Pump assembly; plus storage & protection” of deleted NIBP#3 pump. The bid explanation will change accordingly per updated Page 99. Prospective bidders are asked to bid based on this. Please see the attached updated Page 7 and 99.

6. On Page 7 and 99, for Bid item #24, city is asking to change to “Furnish and Install ControlWave Micro PLC System, including a mount, I/O Cards, and retro-fit kit.” from “Furnish and install new water-lube pump assembly (2600-gpm at 125-feet TDH) upon City
Engineer approval” of deleted NIBP#3 pump. The bid explanation will change accordingly per updated Page 99. Prospective bidders are asked to bid based on this. Please see the attached updated Page 7 and 99. Please see the attached updated Page 7 and 99.

7. On Page 8, 99 and 100, for Bid item #25, city is asking to change to “Furnish and Install a new power supply and battery, and backup battery unit for new PLC system. Explosion/Leak Free Battery Required” from “Furnish and install 12-inch Stainless Steel Column Pipe Assembly (including SS416 shaft)’ of deleted NIBP#3 pump. The bid explanation will change accordingly per updated Page 99 and 100. Prospective bidders are asked to bid based on this. Please see the attached updated Page 8, 99, and 100.

8. On Page 8 and 100, for Bid Item #26, city is asking to change to “Provide PLC software programming and communication setup service.” from “Repair & Replace Wiring Onsite for NIBP #3 pump assembly” of deleted NIBP#3 pump. The bid explanation will change accordingly on updated Page 100. Prospective bidders are asked to bid based on this. Please see the attached updated Page 8 and 100.

9. On Page 8 and 100, for Bid Item #27, this bid item is deleted. Prospective bidders are asked to bid based on this. Please see the attached updated Page 8 and 100.

10. Per new bid item #23, #24, #25, and #26 stated above, a 60-page document of new PLC system from City’s consultant shall be added.

Please acknowledge receipt of Addendum No. 1. If you have any questions, please contact Thomas C. Lee @ tlee@cityofinglewood.org.

Sincerely,

[Signature]

Louis A. Atwell, P.E.
Public Works Director

[Signature]

Todd A. Howard, General Manager
Layne Christensen Company
ADDENDUM NO. 2

Inglewood Well No. 4 Rehabilitation Project
CB-23-01

TO: PROSPECTIVE BIDDERS

SUBJECT: MODIFICATION OF PLAN AND BID SPECIFICATIONS

The following modifications have been made to the Project Plan and Bid Specifications:

1. On Exhibit 15-G Construction Contract DBE Commitment form, project name shall be changed to “Inglewood Well No. 4 Rehabilitation project” from “Centinela Avenue Medians & Traffic Signal Improvements”. Project location shall be changed to “3630 West 118th Place, Inglewood, CA 90303” from “Centinela Avenue from La Cienega Blvd. to La Brea Avenue.” Due the limited contractor and specialty, the DBE goals shall be changed to “1%” from “27%”. Prospective bidders are asked to bid based on this.

2. On Exhibit 15-H Proposer Contractor Good Faith Efforts form, Federal-aid Project No(s) shall be changed to “N/A” from “HSIPL-51643(033)”. The DBE goal shall be changed to “1%” from “27%”. Prospective bidders are asked to bid based on this.

Please acknowledge receipt of Addendum No. 2. If you have any questions, please contact Thomas C. Lee @tleec@cityofinglewood.org .

Sincerely,

Louis A. Atwell, P.E.
Public Works Director

Todd A. Howard, General Manager
Layne Christensen Company
Attachment No. 3
RESOLUTION NO. ______

A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF INGLEWOOD, CALIFORNIA, REJECTING
ALL BIDS SUBMITTED FOR BID CB-23-01 WELL
NUMBER 4 REHABILITATION PROJECT AND
AUTHORIZING STAFF TO REVISE AND REBID THE
PROJECT.

WHEREAS, on October 3, 2022, Public Works staff prepared and completed project
specification and bid document for the Inglewood Well No. 4 Rehabilitation Project (Bid No.
CB-23-01); and

WHEREAS, on October 13, 2022, the City Clerk's Office sent out advertisement for an
invitation to submit bids on Inglewood local newspaper. Public Works department posted an
invitation to submit proposals in the PlanetBids.com bid services portal. Public Works staff also
notified two prospective contractors by email about a new bid; and

WHEREAS, on October 26, 2022, Public Works staff conducted a mandatory job walk
meeting at 3630 West 18th Place, Inglewood, California, 90303. Twelve (12) attendees from
ten (10) prospective companies attended the pre-bid meeting; and

WHEREAS, on December 7, 2022, the City Clerk's office received and opened one (1)
bid; and

WHEREAS, Public Works staff reviewed the bid proposal and determined that the bid
amount was substantially higher than the Engineer's estimate of $500,000; and

WHEREAS, staff is now requesting the City Council to reject the bid and authorized staff
to rebid the project; and

WHEREAS, upon rebidding approval, staff will modify the bid documents and re-
advertise the project. Rebidding the project will provide the City the opportunity to receive
more bids after the bid documents are updated.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Inglewood,
California as follows:
SECTION 1.
1. The recitals were considered by this Council in making its determination and found them to be true and correct and are incorporated herein by this reference.
2. The City reserved for itself, in the bid documents, the right to reject all bids.
3. The City Council rejects all bids submitted relating to Bid Number CB-23-01, Well Number 4, Rehabilitation Project and authorizes staff to revise and rebid the project.

BE IT FURTHER RESOLVED that the City Clerk shall certify to the adoption of this resolution and the same shall be in full force and effect immediately upon adoption.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the City Council of the City of Inglewood, California, this ________ day of _________ 2023.

________________________________________
James T. Butts, Jr.,
Mayor

ATTEST:

______________________________
Aisha L. Thompson,
City Clerk