PROFESSIONAL SERVICES AGREEMENT

This Professional Services Agreement ("Agreement") is dated June 1, 2022, ("Effective Date") and is between the City of Manhattan Beach, a California municipal corporation ("City") and Ardurra Group Inc., a Florida Corporation ("Consultant"). City and Consultant are sometimes referred to herein as the "Parties", and individually as a "Party."

RECITALS

A. City desires to utilize the services of Consultant as an independent contractor to provide Project Management On-Call services.

B. Consultant represents that it is fully qualified to perform such services by virtue of its experience and the training, education and expertise of its principals and employees.

C. City desires to retain Consultant and Consultant desires to serve City to perform these services in accordance with the terms and conditions of this Agreement.

The Parties therefore agree as follows:

1. Consultant's Services.

A. Scope of Services. Consultant shall perform the services described in the Scope of Services (the "Services") attached as **Exhibit A,** to provide qualified project managers on an on-call basis for project management services for various CIP projects in the City when the workload need arises. City may request, in writing, changes in the Scope of Services to be performed. Any changes mutually agreed upon by the Parties, and any increase or decrease in compensation, shall be incorporated by written amendments to this Agreement.

B. Party Representatives. For the purposes of this Agreement, the City Representative shall be the City Manager, or such other person designated in writing by the City Manager (the "City Representative"). For the purposes of this Agreement, the Consultant Representative shall be Lisa M. Penna, Vice President, Managing Principal (the "Consultant Representative"). The Consultant Representative shall directly manage Consultant's Services under this Agreement. Consultant shall not change the Consultant Representative without City's prior written consent.

C. Time for Performance. Consultant shall commence the Services on the Effective Date and shall perform all Services by the deadline established by the City Representative or, if no deadline is established, with reasonable diligence.

D. Standard of Performance. Consultant shall perform all Services under this Agreement in accordance with the standard of care generally exercised by like professionals under similar circumstances and in a manner reasonably satisfactory to City.

E. Personnel. Consultant has, or will secure at its own expense, all personnel required to perform the Services required under this Agreement. All of the Services required under this Agreement shall be performed by Consultant or under its supervision, and all personnel engaged in the work shall be qualified to perform such Services.

F. Compliance with Laws. Consultant shall comply with all applicable federal, state and local laws, ordinances, codes, regulations and requirements.

G. Permits and Licenses. Consultant shall obtain and maintain during the Agreement term all necessary licenses, permits and certificates required by law for the provision of Services under this Agreement, including a business license.

H. Prevailing Wages. This Agreement calls for services that may, in whole or in part, constitute "public works" as defined in the California Labor Code. Therefore, as to those services that are "public works", Consultant shall comply in all respects with all applicable provisions of the California Labor Code, including those set forth in **Exhibit C** hereto.

2. Term of Agreement. The term of this Agreement shall be from the Effective Date through December 31, 2023, unless sooner terminated as provided in Section 12 of this Agreement or extended.

3. Compensation.

A. Compensation. As full compensation for Services satisfactorily rendered, City shall pay Consultant at the hourly rates set forth in the Approved Fee Schedule attached hereto as **Exhibit B**. In no event shall Consultant be paid more than $49,920.00 (the "Maximum Compensation") for such Services.

B. Expenses. City shall only reimburse Consultant for those actual and necessary expenses expressly set forth in **Exhibit B**. In no event shall reimbursable expenses collectively exceed the total sum of $0.00.

C. Unauthorized Services and Expenses. City will not pay for any services not specified in the Scope of Services, or reimburse for any expenses not set forth in **Exhibit B**, unless the City Council or the City Representative, if applicable, and the Consultant Representative authorize such services or expenses in writing prior to Consultant's performance of those services or incurrence of additional expenses. Any additional services authorized by the City Council, or (where authorized) the City Manager shall be compensated at the rates set forth in **Exhibit B**, or, if not specified, at a rate mutually agreed to by the Parties. Any additional expense authorized by the City Council or (where

authorized) the City Manager shall be reimbursed in the amounts authorized by the City Council or City Manager. City shall make payment for additional services and expenses in accordance with Section 4 of this Agreement.

4. Method of Payment.

A. Invoices. Consultant shall submit to City an invoice, on a monthly basis, for the Services performed pursuant to this Agreement. Invoices must be submitted to Katherine Doherty City Engineer, kdoherty@manhattanbeach.gov, 3621 Bell Ave, Manhattan Beach, CA 90266, Each invoice shall itemize the Services rendered during the billing period, hourly rates charged, if applicable, and the amount due. City shall review each invoice and notify Consultant in writing within ten Business days of receipt of any disputed invoice amounts.

B. Payment. City shall pay all undisputed invoice amounts within 30 calendar days after receipt up to the Maximum Compensation set forth in Section 3 of this Agreement. City does not pay interest on past due amounts. City shall not withholdfederal payroll, state payroll or other taxes, or other similar deductions, from payments made to Consultant. Notwithstanding the preceding sentence, if Consultant is a nonresident of California, City will withhold the amount required by the Franchise Tax Board pursuant to Revenue and Taxation Code Section 18662 and applicable regulations.

C. Audit of Records. Consultant shall make all records, invoices, time cards, cost control sheets and other records maintained by Consultant in connection with this Agreement available during Consultant's regular working hours to City for review and audit by City.

5. Independent Contractor. Consultant is, and shall at all times remain as to City, a wholly independent contractor. Consultant shall have no power to incur any debt, obligation, or liability on behalf of City. Neither City nor any of its agents shall have control over the conduct of Consultant or any of Consultant's employees, except as set forth in this Agreement. Consultant shall not, at any time, or in any manner, represent that it or any of its officers, agents or employees are in any manner employees of City. The Parties acknowledge that the City is a local agency member of PERS, and as such has certain pension reporting and contribution obligations to PERS on behalf of qualifying employees. Consultant agrees that, in providing its employees and any other personnel to the City to perform any work or other Services under this Agreement, Consultant shall assure compliance with the Public Employees' Retirement Law, commencing at Government Code section 20000, the regulations of PERS, and the Public Employees' Pension Reform Act of 2013 ("PERS"), as amended. Without limitation to the foregoing, Consultant shall assure compliance with regard to personnel who have active or inactive membership in PERS and to those who are retired annuitants and in performing this Agreement shall not assign or utilize any of its personnel in a manner that will cause the City to be in violation of the applicable retirement laws and regulations.

6. Information and Documents.

A. Consultant covenants that all data, reports, documents, discussion, or other

information (collectively "Data") developed or received by Consultant or provided for performance of this Agreement are deemed confidential and shall not be disclosed or released by Consultant without prior written authorization by City. City shall grant such authorization if applicable law requires disclosure. Consultant, its officers, employees, agents, or subcontractors shall not without written authorization from theCity Manager or unless requested in writing by the City Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories or other information concerning the work performed under this Agreement or relating toany project or property located within the City. Response to a subpoena or court order shall not be considered "voluntary," provided Consultant gives City notice of such courtorder or subpoena.

B. Consultant shall promptly notify City should Consultant, its officers, employees, agents or subcontractors be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions or other discovery request, court order or subpoena from any party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the City. City may, but has no obligation to, represent Consultant or be present at any deposition, hearing or similar proceeding. Consultant agrees to cooperate fully with City and to provide City with the opportunity to review any response to discovery requests provided by Consultant. However, City's right to review any such response does not imply or mean the right by City to control, direct or rewrite the response.

C. All Data required to be furnished to City in connection with this Agreement shall become City's property, and City may use all or any portion of the Data submitted by Consultant as City deems appropriate. Upon completion of, or in the event of termination or suspension of this Agreement, all original documents, designs, drawings, maps, models, computer files containing data generated for the Services, surveys, notes, and other documents prepared in the course of providing the Services shall become City's sole property and may be used, reused or otherwise disposed of by City without Consultant's permission. Consultant may take and retain copies of the written products as desired, but the written products shall not be the subject of a copyright application by Consultant.

D. Consultant's covenants under this Section shall survive the expiration or termination of this Agreement.

7. Conflicts of Interest. Consultant and its officers, employees, associates and subcontractors, if any, shall comply with all conflict of interest statutes of the State of California applicable to Consultant's Services under this Agreement, including the Political Reform Act (Gov. Code § 81000, *et seq.*) and Government Code Section 1090. During the term of this Agreement, Consultant may perform similar Services for other clients, but Consultant and its officers, employees, associates and subcontractors shall not, without the City Representative's prior written approval, perform work for another person or entity for whom Consultant is not currently performing work that would require Consultant or one of its officers, employees, associates or subcontractors to abstain from a decision under this Agreement pursuant to a conflict of interest statute. Consultant shall

incorporate a clause substantially similar to this Section into any subcontract that Consultant executes in connection with the performance of this Agreement.

8. Indemnification, Hold Harmless, and Duty to Defend.

A. Indemnity for Design Professional Services. To the fullest extent permitted by law, Consultant shall, at its sole cost and expense, protect, indemnify, and hold harmless City and its elected officials, officers, attorneys, agents, employees, designated volunteers, successors, assigns and those City agents serving as independent contractors in the role of City officials (collectively "Indemnitees"), from and against any and all damages, costs, expenses, liabilities, claims, demands, causes of action, proceedings, judgments, penalties, liens, and losses of any nature whatsoever, including fees of accountants, attorneys, or other professionals and all costs associated therewith, and reimbursement of attorney's fees and costs of defense (collectively "Liabilities"), whether actual, alleged or threatened, which arise out of, pertain to, or relate to, in whole or in part, the negligence, recklessness or willful misconduct of Consultant, its officers, agents, servants, employees, subcontractors, material men, consultants or their officers, agents, servants or employees (or any entity or individual that Consultant shall bear the legal liability thereof) in the performance of design professional services under this Agreement by a "design professional," as the term is defined under California Civil Code Section 2782.8(c).

B. Other Indemnities. Other than in the performance of design professional services, to the fullest extent permitted by law, Consultant shall, at its sole cost and expense, defend, hold harmless and indemnify City and its elected officials, officers, attorneys, agents, employees, designated volunteers, successors, assigns and those City agents serving as independent contractors in the role of City officials (collectively "Indemnitees"), from and against any and all damages, costs, expenses, liabilities, claims, demands, causes of action, proceedings, expenses, judgments, penalties, liens, and losses of any nature whatsoever, including fees of accountants, attorneys, or other professionals and all costs associated therewith and the payment of all consequential damages (collectively "Liabilities"), in law or equity, whether actual, alleged or threatened, which arise out of, are claimed to arise out of, pertain to, or relateto the acts or omissions of Consultant, its officers, agents, servants, employees, subcontractors, materialmen, consultants or their officers, agents, servants or employees (or any entity or individual that Consultant shall bear the legal liability thereof) in the performance of this Agreement, including the Indemnitees' active or passive negligence or breach of the provisions of this Agreement, except for Liabilities arising from the sole negligence or willful misconduct of the Indemnitees as determined by court decision or by the agreement of the Parties. Consultant shall defend the Indemnitees in any action or actions filed in connection with any Liabilities with counsel of the Indemnitees' choice, and shall pay all costs and expenses, including all attorneys' fees and experts' costs actually incurred in connection with such defense. Consultant shall reimburse the Indemnitees for any and all legal expenses and costs incurred by Indemnitees in connection therewith.

1) Consultant shall pay all required taxes on amounts paid to Consultant under this Agreement, and indemnify and hold City harmless from any and all taxes, assessments, penalties, and interest asserted against City by reason of the independent contractor relationship created by this Agreement. Consultant shall fully comply with the workers' compensation law regarding Consultant and Consultant's employees. Consultant shall indemnify and hold City harmless from any failure of Consultant to comply with applicable workers' compensation laws. City may offset against the amount of any fees due to Consultant under this Agreement any amount due to City from Consultant as a result of Consultant's failure to promptly pay to City any reimbursement or indemnification arising under this subparagraph A.2).

2) Consultant shall obtain executed indemnity agreements with provisions identical to those in this Section from each and every subcontractor or any other person or entity involved by, for, with or on behalf of Consultant in the performance of this Agreement. If Consultant fails to obtain such indemnity obligations, Consultant shall be fully responsible and indemnify, hold harmless and defend the Indemnitees from and against any and all Liabilities at law or in equity, whether actual, alleged or threatened, which arise out of, are claimed to arise out of, pertain to, or relateto the acts or omissions of Consultant's subcontractor, its officers, agents, servants, employees, subcontractors, materialmen, consultants or their officers, agents, servants or employees (or any entity or individual that Consultant's subcontractor shall bear the legal liability thereof) in the performance of this Agreement, including the Indemnitees' active or passive negligence, except for Liabilities arising from the sole negligence or willful misconduct of the Indemnitees as determined by court decision or by the agreement of the Parties.

C. Workers' Compensation Acts not Limiting. Consultant's indemnifications and obligations under this Section, or any other provision of this Agreement, shall not be limited by the provisions of any workers' compensation act or similar act. Consultant expressly waives its statutory immunity under such statutes or laws as to City, its officers, agents, employees and volunteers.

D. Insurance Requirements not Limiting. City does not, and shall not, waive any rights that it may possess against Consultant because of the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement. The indemnities in this Section shall apply regardless of whether or not any insurance policies are determined to be applicable to the Liabilities, tax, assessment, penalty or interest asserted against City.

E. Survival of Terms. Consultant's indemnifications and obligations under this Section shall survive the expiration or termination of this Agreement.

9. Insurance.

A. Minimum Scope and Limits of Insurance. Consultant shall procure and at all times during the term of this Agreement carry, maintain, and keep in full force and effect, insurance as follows:

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1) Commercial General Liability Insurance with a minimum limit of $2,000,000.00 per occurrence for bodily injury, personal injury and property damage and a general aggregate limit of $2,000,000.00 per project or location. If Consultant is a limited liability company, the commercial general liability coverage shall be amended so that Consultant and its managers, affiliates, employees, agents and other persons necessary or incidental to its operation are insureds.

2) Automobile Liability Insurance for any owned, non-owned or hired vehicle used in connection with the performance of this Agreement with a combined single limit of $2,000,000.00 per accident for bodily injury and property damage. If Consultant does not use any owned, non-owned or hired vehicles in the performance of Services under this Agreement, Consultant shall obtain a non-owned auto endorsementto the Commercial General Liability policy required under subparagraph A.1) of this Section.

3) Workers' Compensation Insurance as required by the State of California and Employer's Liability Insurance with a minimum limit of $1,000,000.00 per accident for bodily injury or disease. If Consultant has no employees while performing Services under this Agreement, workers' compensation policy is not required, but Consultant shall execute a declaration that it has no employees.

4) Professional Liability/Errors and Omissions Insurance with minimum limits of $2,000,000.00 per claim and in aggregate.

B. Acceptability of Insurers. The insurance policies required under this Section shall be issued by an insurer admitted to write insurance in the State ofCalifornia with a rating of A: VII or better in the latest edition of the A.M. Best Insurance Rating Guide. Self- insurance shall not be considered to comply with the insurance requirements under this Section.

C. Additional Insured. The commercial general and automobile liability policies shall contain an endorsement naming City and its elected and appointed officials, officers, employees, agents and volunteers as additional insureds. This provision shall also apply to any excess/umbrella liability policies.

D. Primary and Non-Contributing. The insurance policies required under this Section shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance available to City. Any insurance or self-insurance maintained by City, its elected and appointed officials, officers, employees, agents or volunteers, shall be in excess of Consultant's insurance and shall not contribute with it.

E. Consultant's Waiver of Subrogation. The insurance policies required under this Section shall not prohibit Consultant and Consultant's employees, agents or subcontractors from waiving the right of subrogation prior to a loss. Consultant hereby waives all rights of subrogation against City.

F. Deductibles and Self-Insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by City. At City's option, Consultant shall either reduce or eliminate the deductibles or self-insured retentions with respect to City,

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or Consultant shall procure a bond guaranteeing payment of losses and expenses.

G. Cancellations or Modifications to Coverage. Consultant shall not cancel, reduce or otherwise modify the insurance policies required by this Section during the term of this Agreement. The commercial general and automobile liability policiesrequired under this Agreement shall be endorsed to state that should the issuing insurercancel the policy before the expiration date, the issuing insurer will endeavor to mail 30 days' prior written notice to City. If any insurance policy required under this Section is canceled or reduced in coverage or limits, Consultant shall, within two Business Days ofnotice from the insurer, phone, fax or notify City via certified mail, return receipt requested, of the cancellation of or changes to the policy.

H. City Remedy for Noncompliance. If Consultant does not maintain the policies of insurance required under this Section in full force and effect during the term of this Agreement, or in the event any of Consultant's policies do not comply with the requirements under this Section, City may either immediately terminate this Agreement or, if insurance is available at a reasonable cost, City may, but has no duty to, take out the necessary insurance and pay, at Consultant's expense, the premium thereon. Consultant shall promptly reimburse City for any premium paid by City or City may withhold amounts sufficient to pay the premiums from payments due to Consultant.

I. Evidence of Insurance. Prior to the performance of Services under this Agreement, Consultant shall furnish City's Risk Manager with a certificate or certificates of insurance and all original endorsements evidencing and effecting the coverages required under this Section. The endorsements are subject to City's approval. Consultant may provide complete, certified copies of all required insurance policies to City. Consultant shall maintain current endorsements on file with City's Risk Manager. Consultant shall provide proof to City's Risk Manager that insurance policies expiring during the term of this Agreement have been renewed or replaced with other policies providing at least the same coverage. Consultant shall furnish such proof at least two weeks prior to the expiration of the coverages.

J. Indemnity Requirements not Limiting. Procurement of insurance by Consultant shall not be construed as a limitation of Consultant's liability or as full performance of Consultant's duty to indemnify City under Section 8 of this Agreement.

K. Broader Coverage/Higher Limits. If Consultant maintains broadercoverage and/or higher limits than the minimums required above, City requires and shallbe entitled to the broader coverage and/or the higher limits maintained by Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to City.

L. Subcontractor Insurance Requirements. Consultant shall require each of its subcontractors that perform Services under this Agreement to maintain insurance coverage that meets all of the requirements of this Section.

10. Mutual Cooperation.

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A. City's Cooperation. City shall provide Consultant with all pertinent Data, documents and other requested information as is reasonably available for Consultant's proper performance of the Services required under this Agreement.

B. Consultant's Cooperation. In the event any claim or action is brought against City relating to Consultant's performance of Services rendered under this Agreement, Consultant shall render any reasonable assistance that City requires.

11. Records and Inspections. Consultant shall maintain complete and accurate records with respect to time, costs, expenses, receipts, correspondence, and other such information required by City that relate to the performance of the Services. All such records shall be maintained in accordance with generally accepted accounting principles and shall be clearly identified and readily accessible. Consultant shall providefree access to City, its designees and representatives at reasonable times, and shall allow City to examine and audit the books and records, to make transcripts therefrom asnecessary, and to inspect all work, data, documents, proceedings and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of three years after receipt of final payment.

12. Termination of Agreement.

A. Right to Terminate. City may terminate this Agreement at any time, at will, for any reason or no reason, after giving written notice to Consultant at least five calendar days before the termination is to be effective. Consultant may terminate this Agreement at any time, at will, for any reason or no reason, after giving written notice to City at least 60 calendar days before the termination is to be effective.

B. Obligations upon Termination. Consultant shall cease all work under this Agreement on or before the effective date of termination specified in the notice of termination. In the event of City's termination of this Agreement due to no fault or failure of performance by Consultant, City shall pay Consultant based on the percentage of work satisfactorily performed up to the effective date of termination. In no event shall Consultant be entitled to receive more than the amount that would be paid to Consultant for the full performance of the Services required by this Agreement. Consultant shall have no other claim against City by reason of such termination, including any claim for compensation.

13. Force Majeure. Consultant shall not be liable for any failure to perform its obligations under this Agreement if Consultant presents acceptable evidence, in City's sole judgment, that such failure was due to acts of God, embargoes, inability to obtain labor or materials or reasonable substitutes for labor or materials, governmental restrictions, governmental regulations, governmental controls, judicial orders, enemy or hostile governmental action, civil commotion, fire or other casualty, or other causes beyond Consultant's reasonable control and not due to any act by Consultant.

14. Default.

A. Consultant's failure to comply with the provisions of this Agreement shall

constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, City shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default.

B. In addition to the right to terminate pursuant to Section 12, if the City Manager determines that Consultant is in default in the performance of any of the terms or conditions of this Agreement, City shall serve Consultant with written notice of the default. Consultant shall have ten calendar days after service upon it of the notice in which to cure the default by rendering a satisfactory performance. In the event that Consultant fails to cure its default within such period of time, City may, notwithstanding any other provision of this Agreement, terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

15. Notices. Any notice, consent, request, demand, bill, invoice, report or other communication required or permitted under this Agreement shall be in writing and conclusively deemed effective: (a) on personal delivery, (b) on confirmed delivery by courier service during Consultant's and City's regular business hours, or (c) three Business Days after deposit in the United States mail, by first class mail, postage prepaid, and addressed to the Party to be notified as set forth below:

TO CITY:

City of Manhattan Beach
Attn: Katherine Doherty
Public Works Department
3621 Bell Avenue
Manhattan Beach, California 90266

TO CONSULTANT:

Ardurra Group, Inc.
Attn: Lisa M. Penna
1960 East Grand Avenue, Suite: 300
El Segundo, California 90245

COPY TO CITY ATTORNEY:

City of Manhattan Beach
Attn: City Attorney
1400 Highland Avenue
Manhattan Beach, CA 90266

16. Non-Discrimination and Equal Employment Opportunity. In the performance of this Agreement, Consultant shall not discriminate against any employee, subcontractor or applicant for employment because of race, color, religious creed, sex, gender, gender identity, gender expression, marital status, national origin, ancestry, age, physical disability, mental disability, medical condition, genetic information, sexual orientation or other basis prohibited by law. Consultant will take affirmative action to ensure that subcontractors and applicants are employed, and that employees are treated during employment, without regard to their race, color, religious creed, sex, gender, gender identity, gender expression, marital status, national origin, ancestry,age, physical disability, mental disability, medical condition, genetic information or sexual orientation.

17. Prohibition of Assignment and Delegation. Consultant shall not assign any of

its rights or delegate any of its duties under this Agreement, either in whole or in part, without City's prior written consent. City's consent to an assignment of rights under this Agreement shall not release Consultant from any of its obligations or alter any of its primary obligations to be performed under this Agreement. Any attempted assignment or delegation in violation of this Section shall be void and of no effect and shall entitle City to terminate this Agreement. As used in this Section, "assignment" and "delegation" means any sale, gift, pledge, hypothecation, encumbrance or other transferof all or any portion of the rights, obligations, or liabilities in or arising from this Agreement to any person or entity, whether by operation of law or otherwise, and regardless of the legal form of the transaction in which the attempted transfer occurs.

18. No Third Party Beneficiaries Intended. This Agreement is made solely for the benefit of the Parties to this Agreement and their respective successors and assigns, and no other person or entity may have or acquire a right by virtue of this Agreement.

19. Waiver. No delay or omission to exercise any right, power or remedy accruing to City under this Agreement shall impair any right, power or remedy of City, nor shall it be construed as a waiver of, or consent to, any breach or default. No waiver of any breach, any failure of a condition, or any right or remedy under this Agreement shall be (1) effective unless it is in writing and signed by the Party making the waiver, (2) deemed to be a waiver of, or consent to, any other breach, failure of a condition, or right or remedy, or (3) deemed to constitute a continuing waiver unless the writing expressly so states.

20. Final Payment Acceptance Constitutes Release. The acceptance by Consultant of the final payment made under this Agreement shall operate as and be a release of City from all claims and liabilities for compensation to Consultant for anything done, furnished or relating to Consultant's work or services. Acceptance of payment shall be any negotiation of City's check or the failure to make a written extra compensation claim within ten calendar days of the receipt of that check. However, approval or payment by City shall not constitute, nor be deemed, a release of the responsibility and liability of Consultant, its employees, subcontractors and agents forthe accuracy and competency of the information provided and/or work performed; nor shall such approval or payment be deemed to be an assumption of such responsibilityor liability by City for any defect or error in the work prepared by Consultant, itsemployees, subcontractors and agents.

21. Corrections. In addition to the above indemnification obligations, Consultant shall correct, at its expense, all errors in the work which may be disclosed during City's review of Consultant's report or plans. Should Consultant fail to make such correction in a reasonably timely manner, such correction may be made by City, and the cost thereof shall be charged to Consultant. In addition to all other available remedies, City may deduct the cost of such correction from any retention amount held by City or may withhold payment otherwise owed Consultant under this Agreement up to the amount ofthe cost of correction.

22. Non-Appropriation of Funds. Payments to be made to Consultant by City for services performed within the current fiscal year are within the current fiscal budget and within an available, unexhausted fund. In the event that City does not appropriate

sufficient funds for payment of Consultant's services beyond the current fiscal year, this Agreement shall cover payment for Consultant's services only to the conclusion of the last fiscal year in which City appropriates sufficient funds and shall automatically terminate at the conclusion of such fiscal year.

23. Exhibits. Exhibits A, B and **C** constitute a part of this Agreement and are incorporated into this Agreement by this reference. If any inconsistency exists or arises between a provision of this Agreement and a provision of any exhibit, or between a provision of this Agreement and a provision of Consultant's proposal, the provisions of this Agreement shall control.

24. Entire Agreement and Modification of Agreement. This Agreement and all exhibits referred to in this Agreement constitute the final, complete and exclusive statement of the terms of the agreement between the Parties pertaining to the subject matter of this Agreement and supersede all other prior or contemporaneous oral or written understandings and agreements of the Parties. No Party has been induced to enter into this Agreement by, nor is any Party relying on, any representation or warrantyexcept those expressly set forth in this Agreement. This Agreement may not beamended, nor any provision or breach hereof waived, except in a writing signed by both Parties.

25. Headings. The headings in this Agreement are included solely for convenience of reference and shall not affect the interpretation of any provision of this Agreement or any of the rights or obligations of the Parties to this Agreement.

26. Word Usage. Unless the context clearly requires otherwise, (a) the words"shall," "will" and "agrees" are mandatory and "may" is permissive; (b) "or" is notexclusive; and (c) "includes" or "including" are not limiting.

27. Time of the Essence. Time is of the essence in respect to all provisions of this Agreement that specify a time for performance; provided, however, that the foregoing shall not be construed to limit or deprive a Party of the benefits of any grace or use period allowed in this Agreement.

28. Business Days. "Business days" means days Manhattan Beach City Hall is open for business.

29. Governing Law and Choice of Forum. This Agreement, and any dispute arising from the relationship between the Parties to this Agreement, shall be governed by and construed in accordance with the laws of the State of California, except that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not be applied in interpreting this Agreement. Any dispute that arises under or relates to this Agreement (whether contract, tort or both) shall be resolved in a superior court with geographic jurisdiction over the City of Manhattan Beach.

30. Attorneys' Fees. In any litigation or other proceeding by which a Party seeks to enforce its rights under this Agreement (whether in contract, tort or both) or seeks a declaration of any rights or obligations under this Agreement, the prevailing Party shall be entitled to recover all attorneys' fees, experts' fees, and other costs actually incurred

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in connection with such litigation or other proceeding, in addition to all other relief to which that Party may be entitled.

31. Severability. If a court of competent jurisdiction holds any provision of this Agreement to be illegal, invalid or unenforceable for any reason, the validity of and enforceability of the remaining provisions of this Agreement shall not be affected and continue in full force and effect.

32. Counterparts. This Agreement may be executed in multiple counterparts, all of which shall be deemed an original, and all of which will constitute one and the same instrument.

33. Corporate Authority. Each person executing this Agreement on behalf of his or her Party warrants that he or she is duly authorized to execute this Agreement on behalf of that Party and that by such execution, that Party is formally bound to the provisions of this Agreement.

[*SIGNATURE PAGE FOLLOWS*]

The Parties, through their duly authorized representatives are signing this Agreement on the date stated in the introductory clause.

City:

City of Manhattan Beach,
a California municipal corporation

By: DocuSigned by: Bruce Moe D1A13C56864A441... 7/7/2022
Name: Bruce Moe
Title: City Manager

ATTEST:

By: DocuSigned by: Liza Tamura 419D03531A324A7... 7/7/2022
Name: Liza Tamura
Title: City Clerk

APPROVED AS TO FORM:

By: DocuSigned by: Quinn Barrow D5C0B889ECB8445... 7/6/2022
Name: Quinn M. Barrow
Title: City Attorney

APPROVED AS TO FISCAL IMPACT:

By: DocuSigned by: Julie Bondarchuk, Acting Finance Director 598E5D8DBC0D459... 6/28/2022
Name: ~~Steve S. Charelian~~ - Julie Bondarchuk
Title: ~~Finance Director~~ - Acting Finance Director

APPROVED AS TO CONTENT:

By: DocuSigned by: Erick Lee 8E40284E19E44E9... 6/14/2022
Name: Erick Lee
Title: Public Works Director

Consultant:

Ardurra Group, Inc., a
Florida Corporation

By: DocuSigned by: Lisa M. Penna CA9610FB9C6D4B3... 5/23/2022
Name: Lisa M. Penna
Title: Vice President

By: DocuSigned by: 76ED9702D42C459... 5/24/2022
Name: Cathy Cahill
Title: Chief Financial Officer

PROOF OF AUTHORITY TO BIND CONTRACTING PARTY REQUIRED

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EXHIBIT A
SCOPE OF SERVICES

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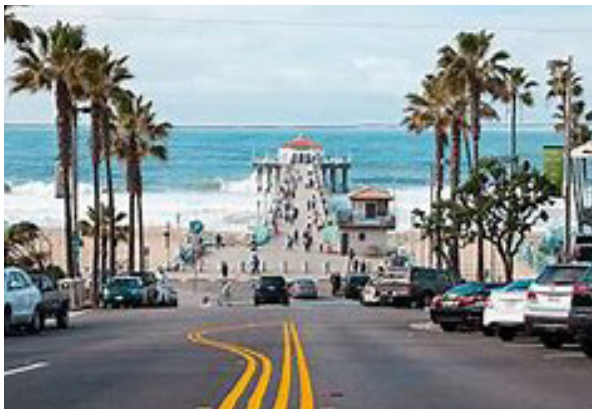
PROPOSAL TO PROVIDE

PROJECT MANAGEMENT ON-CALL SERVICES FOR VARIOUS CAPITAL IMPROVEMENT PLAN (CIP) PROJECTS, RFP NO. E1264-21S

SEPTEMBER 15, 2021

ARDURRA



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September 15, 2021

Prem Kumar, PE
City Engineer/Project Manager
City of Manhattan Beach
Public Works Facility
3621 Bell Avenue
Manhattan Beach, CA 90266

Subject: Proposal to Provide Professional Project Management On-Call Services for Various Capital Improvement Plan (CIP) Projects, RFP No. E1264-21S

Dear Mr. Kumar,

Ardurra Group, Inc. (Ardurra) is pleased to submit our proposal in response to your request for **on-call project management services for various CIP projects for the City of Manhattan Beach (City).** With our key involvement in the recent completion of the Pier and Roundhouse Beautification Project, the Ardurra team is excited to assist the City with the delivery of future significant projects. **Dino D'Emilia is proposed as our Principal-in-Charge** for this contract. Dino has helped the City deliver a variety of projects over the years including the Roundhouse Aquarium project. Ardurra has the necessary experience to assist the City with the delivery of many types of projects, having managed many high-profile projects throughout Southern California and in particular along the coast.

With 600+employees in 38 offices across the country, **Ardurra is ranked 23 in Engineering News-Record's (ENR's) Top 500.** Elite firms are selected by ENR based on their track record of successfully delivering quality professional services. We focus on seven key service areas including: **public works and transportation, water, environmental, land development, emergency management, structural engineering, and survey.**

Ardurra's Southern California offices represent the Public Works and Water/Wastewater Practices in the West, serving local and regional agencies and specializing in design, program, project and construction management, construction inspection, and staff augmentation. Our offices in the region are full-time service locations and will be for the entire duration of the contract. **Our location in El Segundo makes us ideally suited to serve the City and ensures availability for City meetings at City facilities, as requested within a reasonable timeframe during normal business hours.**

Ardurra has a proven track record with public agencies throughout Southern California. We have **established and maintain effective working relationships with numerous jurisdictions in Los Angeles County.** These include but are not limited to Redondo Beach, Signal Hill, El Segundo, Torrance, Long Beach, Santa Monica, and Bellflower as well as Manhattan Beach. **Ardurra also provides ongoing project management services for the City of Long Beach and the County of Orange.** We also have in-depth knowledge and experience in numerous municipalities within Los Angeles and Orange Counties.

For decades, cities within Los Angeles County have adeptly navigated two perennial challenges: meeting the public infrastructure needs of a growing population and maximizing limited financial resources. This year, however, the impacts of a global pandemic have laid budgetary and service dilemmas at the feet of many cities. It is hard to imagine a time with a greater need for seasoned, resourceful CIP project managers who have successfully partnered with local agencies to meet CIP delivery goals.

About the Firm

Legal Company Name
Ardurra Group, Inc.

Corporate Office
4921 Memorial Highway, #300
Tampa, FL 33634

Year Founded: 1950

Type of Organization
C, Florida Corporation

Date of Incorporation
December 19, 1977

Local Office
1960 E. Grand Street, Suite 300
El Segundo, CA 90245

Contractual responsibility
Lisa M. Penna, PE, F.ASCE
Managing Principal
3737 Birch Street, Suite 250
Newport Beach, CA 92660
(949) 428-1500 ext. 7102
lpenna@ardurra.com

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In response to these times, Ardurra proposes an **accomplished senior CIP project management team** with lengthy track records of successfully managed capital improvement projects including **street, water, sewer, storm drain and building and park facilities.** Our team includes former public officials and senior project managers who have overseen some of Southern California's most demanding capital improvements of the last 25 years. Among them include:

Program Manager Stephen G. Badum, PE: With more than 35 years of experience in public CIP management and public works engineering, Steve is Ardurra's Municipal Services Manager. Prior to joining our firm, Steve served as the Assistant City Manager/Public Works Director and City Engineer for the City of Newport Beach, working with all City departments to maximize and streamline City services. Among numerous major endeavors, Steve oversaw the landmark $140-million Civic Center, library, and park improvements project.

Project Manager Amy Czajkowski, PE, CCM, QSD: For 20 years, Amy has served as the lead PM/CM trainer for CMAA and is very well versed in project management for a variety of public works projects including pump stations, storage tanks, pipelines and building facilities.

Project Manager Mark Lewis, PE, TE: For 13 years, Mark Lewis served as Director of Public Works/City Engineer for the City of Fountain Valley. Among Mark's many achievements at the City were introducing a citywide Geographic Information System (GIS) and securing millions of dollars in Measure M, State, and federal funding for transportation projects.

Project Manager Brad Fowler, PE: Senior Ardurra Project Manager Brad Fowler, PE, has more than 30 years of experience managing capital improvement projects for the County of Orange, the Cities of Yorba Linda, Dana Point and Westminster, as well as the U.S. Navy. Brad has served as Director of Public Works and Engineering Services for three public works departments.

These and other members of Ardurra's project management team excel in critical aspects of public CIP delivery, such as:

- Comprehensive project scope definition
- Project site and/or improvements history, as-built document research
- Balancing project opportunities and constraints
- Funding applications, administration, compliance documentation and reports
- Public relations
- Facilitating and documenting consensus among project stakeholders
- Establishing and maintaining master project budgets and schedules
- QA/QC for design, studies, reports, and construction
- Coordinating NEPA and CEQA requirements, documentation, and processes
- Coordination with local, regional, and federal agencies

This letter has been signed by an officer of Ardurra authorized to bind the firm to this contract and our chief financial officer on behalf of the corporation. *We understand Ardurra is expected to maintain our availability of service, as set forth in your RFP, for the term of the contract, and we attest that all information submitted is true and correct.*

Please feel free to contact me at lpenna@ardurra.com or (949) 922-2800 should you have any questions or require additional information. We look forward to being invited to discuss our team's qualifications and to work with the City of Manhattan Beach on the successful delivery of your important capital improvement projects.

Respectfully submitted,
Ardurra Group, Inc.

Lisa M. Penna, PE, F.ASCE, QSD
Vice President

Dino P. D'Emilia, PE, F.ASCE, QSD
Project and Construction Management Group Leader

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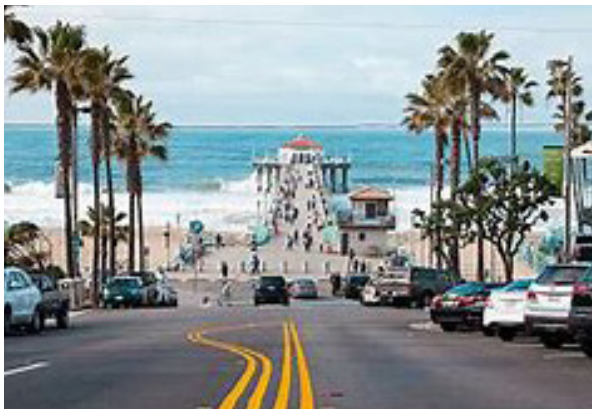
PART 1



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Part 1

A – Understanding the Scope of Services

Project Management Team

Ardurra selects our project management staff based on the client's needs and the specific client CIP. The City's CIP requires a diverse set of skills and therefore, our team was hand selected by **Principal-in - Charge, Dino D'Emilia, PE, F.ASCE, QSD,** Ardurra's Public Works Practice. Dino brings broad experience in public works engineering, project, and construction management. Dino has served in key technical and management roles in CIP projects throughout her career involving public facilities, parks, flood control, transportation, water, wastewater and environmental. His experience includes planning, design, construction, inspection, and the development of short- and long-term capital improvement programs.

Dino has reviewed the City's CIP Program and project management goals and assembled the following team.

This team was assembled to complete the assumed amount of work as shown in our Scope of Services section. Brief **resumes** for our proposed personnel have been included in the **Appendix** of this proposal, and full resumes will be furnished upon request.

Project Manager/ Education/Registration	Exceptional Qualifications Managing all Phases of Public Works Projects
Brad Fowler, PE MS/Financial Management/Naval Postgraduate School, Monterey, CA BS/Civil Engineering/University of Southern California PE/Civil Engineering/CA #29168	Brad, a senior civil engineer, program, and project manager with a successful career leading public works programs for cities and the military. Brad has managed operations, maintenance, and **capital improvement programs**. As an owner's representative, Brad has managed large-scale construction and design projects valued at up to $150 million. He has reviewed development projects and specific plans from concept and environmental through project completion. Brad also brings in-depth expertise in **"complete streets" and water quality**.
Mark Lewis, PE, TE BS/1986/Civil Engineering/CA State University, Long Beach PE/Civil Engineering /CA # C49335 TE/Traffic Engineering/CA # TR1637 PE/Traffic Operations Engineer/ CA # 661	Mark has extensive familiarity, knowledge and progressive management expertise in strategic planning, operational efficiency, financial planning, and human resources management. He applies an innovative approach in these key areas in addition to communication, funding procurement, asset management, capital improvement program development and implementation, project management and intergovernmental relations to deliver cost-saving solutions to all his projects. As Director of PW for the City of Fountain Valley, Mark secured more than $60 million of local, federal, and state grants to fund a capital program that resulted in the City being known for its **high-quality streets, world class sports park and recreational center**. Also, the City provides a fiscally sustainable utility enterprise to provide high quality and reliable **water, sewer, and drainage infrastructure.**
Stephen Badum, PE MPA/1997/Public Administration, CA State University, Long Beach BS/1980/Civil Engineering/ University of MA, Amherst PE/Civil Engineering/CA #C36106	Stephen brings more than 40 years of experience in the field of municipal management and engineering. His project types have included: **public works administration/management;** engineering planning and design; general maintenance and operations; water and sewer maintenance and operations; **construction administration,** inspection, and resident engineer; land

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Project Manager/ Education/Registration	Exceptional Qualifications Managing all Phases of Public Works Projects
	development design, plan check, subdivision, and environmental processing; and consultant procurement and management.
Lisette Bice, PE, QSD, ENV SP BS/2004/Civil Engineering/ CA State University, Long Beach 2014/PE/Civil Engineering/CA #83157 Qualified SWPPP Developer (QSD) #83157	Lisette is a dedicated civil engineer highly skilled in all phases of public works engineering projects. Lisette's expertise includes planning and design of **streets, right-of-way engineering, pedestrian paths (trails) and cyclist safety improvements, grading, sewer, water, and storm drains, identifying seismic and geometric deficiencies, preparing erosion control plans, SWPPP and permitting.** As project manager, she has been responsible for the preparation of PS&Es for a wide range of projects including street rehabilitation plans and drainage improvements for numerous cities throughout Los Angeles County. Lisette successfully completes projects within budget and on schedule.
Earl Schwartz, PE, QSD BS/1993/Civil Engineering/CA State University, Northridge PE/CA #C64411 Qualified SWPPP Developer, QSD #64411	With more than 26 years of experience, Earl Schwartz, PE, QSD has delivered critical projects for many southern California cities and municipalities. Earl approaches all projects with a strong strategic focus and an emphasis on team building while always maintaining a clear path towards achieving project goals. Earl has performed professional engineering work in the design and construction of **street, building, traffic signal, pocket park and storm drain capital improvement** projects.
Omar Alameddine, EIT BS/2009/Civil Engineering/CA State Polytechnic University, Pomona EIT/CA #151070	Omar brings an extensive background of 15 years in construction management and inspection on **public works** and Caltrans projects. Omar has delivered projects to renew **city streets** and freeways, applying his firm grasp of Caltrans and Greenbook standards. He has also managed and inspected construction of recreational facilities such as **soccer fields, public parks and a dog park, public facilities, domestic water, sewer, and drainage improvements**. Clients appreciate Omar's penchant for precision and thorough documentation.
Amy Czajkowski, PE, CCM, QSD BS/1992/Civil Engineering/Virginia Polytechnic Institute and State University PE/CA #C59082 CMCI Certified Construction Manager, #A1762 Qualified SWPPP Developer, QSD #24758	In her 28 years of serving water districts, municipalities, and purveyors, Amy has gained recognition for system planning, design engineering, and construction management of public **water and wastewater infrastructure** projects. Acting as an extension of their staff, Amy has applied her expertise to municipal utility departments and water districts through As-Needed Service Agreements. Working on behalf of the department or district, she conducted studies and designs, prepared improvement projects, managed consultant projects, coordinated maintenance activities, and inspected, checked, and reviewed plans and designs. Studies she has conducted include siting of pipeline and facilities, and energy pumping analysis.

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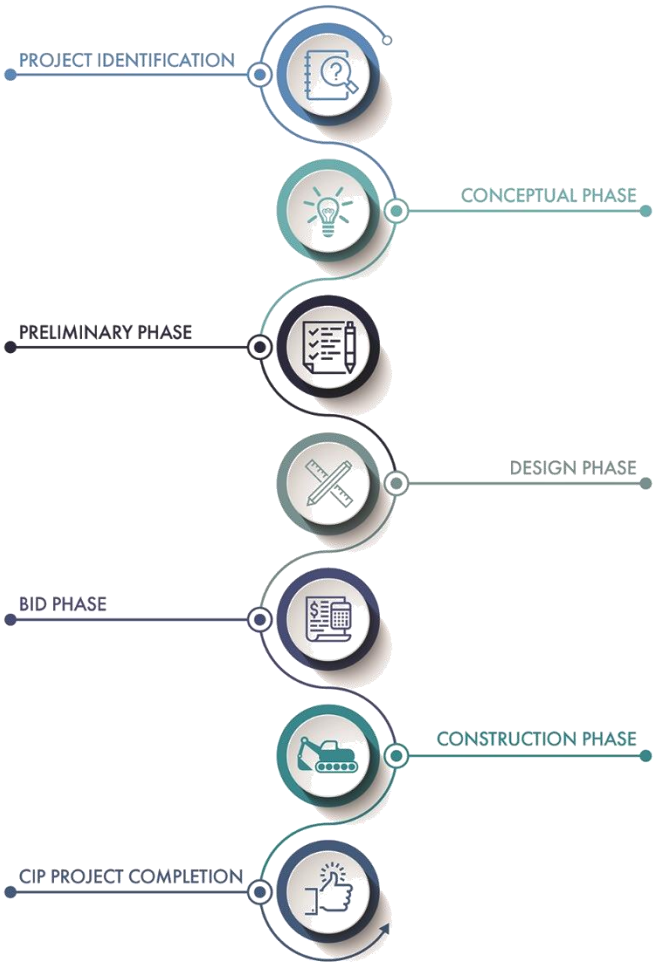
Understanding

Ardurra understands the goal of the City is to retain a consultant(s) that can provide qualified project managers on an on-call basis for project management services for various CIP projects in the City when the workload need arises. We understand the Professional Services Agreement will be for up to three years and may be extended annually for another two years subject to satisfactory performance.

We have fully researched the City's robust Five-Year CIP Project Budget that is close to $150,000,000. Ardurra understands the CIP Budget and has researched all project listings and the active project schedule on the City's website.

Ardurra will provide project managers as needed to deliver the services requested in the RFP. The project manager will work under the general direction of the City, shall be responsible for overseeing all aspects of a series of CIP projects from conception to close- or any intermediate phase of the project. The project manager may be assigned to work on some combination of street, water, sewer, storm drain and facilities (building/parks) improvement projects. The project manager will be responsible for reviewing designs and providing construction management oversight.



We understand the Engineering Division of the Public Works Department works on the 4-10 schedule (Monday - Thursday) essentially from 7:00am 6:00pm with a 1-hour lunch. The project manager will respond to active construction issues, if necessary, at the site including on Fridays. The project manager must be able to return phone calls and attend to any required field construction issues at the site within 45-60 minutes of being notified (30 minutes is preferred). Due to the City's current Covid pandemic work environment, field visits during construction or field review of design plans typically average at about 2 - 3 hours per day and the rest is telecommuting work. The project manager will not be provided an office cubicle therefore being able to telecommute for most of the time and will be available to respond to field issues. The project manager will furnish his/her own tools such as a safety vest, tape measure, smart level, laptop computer and vehicle.

We understand priority selection will be given to an experienced project manager able to work the full 40 hours per week and will have to obtain the necessary clearance through the California DOJ Live Scan application process.

Statement of Commitment
We understand Ardurra is expected to maintain our availability and ability to provide the service as set forth in our proposal for the term of the contract, and we issue our statement of commitment

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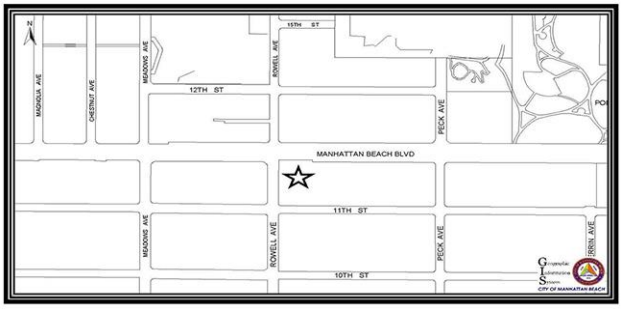
Scope of Services

Ardurra understands the nature of on-call contracts with the City, as well as the depth of resources required to properly service those contracts. While no specific project or task is identified in the Request for Proposals, we have reviewed the current Five-Year Capital Improvement Program Budget and have developed our staffing approach to provide the City with our highly qualified management team dedicated to supporting a wide variety of project support services. Once a task order is received, Dino D'Emilia and our team of project managers will review the scope and provide the City with resumes of staff with the best mix of experience and expertise for the task assigned. Ardurra has a vast pool of resources, and we are committed to providing appropriate staffing for each task order assigned through this contract. Moreover, we can bring on additional staff from other offices throughout the company to meet critical deadlines and deliver our services on an accelerated schedule.

Ardurra has a history (both past and present) of providing engineering services to the City, as well as several other agencies within the region. Because of this experience, Ardurra has a strong understanding of how to effectively address project issues and the needs of public agencies. This experience allows us to provide responsive teams led by experienced Project Managers to solve the needs of our clients in a timely manner.

With a large contingent of local resources to draw from, the Ardurra project team can respond to whatever needs may arise. By effectively managing a balanced client workload among our staff, Ardurra can respond within a day to meet with the City. This helps keep the project momentum moving forward so that the Ardurra Team is in place and ready to work within days of receiving a Notice to Proceed. Consistent with our proven long-term approach to large municipal on-call contracts, Ardurra has the technical expertise and experience to provide project support for road, bikeway, flood control, and miscellaneous engineering projects and programs as requested in the RFP.

Similar Project



CIP - Fire Station No. 2 Design Development

Ardurra's Fire Station No. 5 construction management and contract administration, City of Anaheim.

Approach

Ardurra accepts the Project Management Services as outlined in the RFP for all phases of CIP projects including the Design Phase; Advertising, Bidding and Construction Contract Phase; and the Construction and Project Close-out Phase.

Ardurra's keys to success on this on-call contract includes our responsiveness, understanding of the City's needs, capability and availability of qualified staff, and our historically successful comprehensive project management approach for on-call, multiple-task, multiple-year contracts.

Ardurra will commit sufficient resources to adequately handle varying workloads that may result from multiple task orders progressing simultaneously, but technical strengths and resources are only of value if those resources can be well managed. Our approach to effective project management starts with scope, schedule, and budget development, signed contracts, and kick-off meetings. The project management concepts for the duration of each task and the overall contract are then organized

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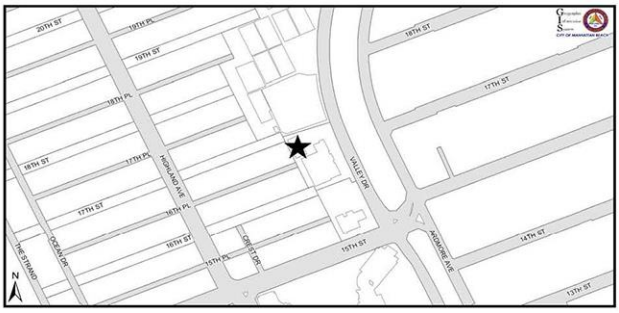
around a core framework of communication, coordination, thorough documentation, and quality control for each submittal on each task. This effort does not end until the record drawings are completed and filed.

Similar Project



CIP Senior and Scout House develop, design and construct.

Ardurra's Girl Scouts of Orange County Leadership Center, Newport Beach.

The Ardurra Team understands the importance of meeting deadlines in a timely manner. We commit to providing adequate staffing (both as to number of personnel and their qualifications) for every task. Our approach is flexible and adaptive to each task, and we can also commit to making use of personnel from other offices throughout the company and bringing on additional staff. Ardurra is the best fit firm for this contract able to scale up or down as needed with a focus on our unmatched responsiveness.

Using his knowledge and previous experience, our Principal-in-Charge, Dino D'Emilia, is prepared to respond to a variety of requests from the City to prepare and execute each task order to meet your diverse needs.

Through our current on-call contracts, we have developed a task order process that proven successful. It is an organized and streamlined approach for requesting, developing, and completing task order assignments. The purpose of this process is to be able to provide the City with teams available for multiple tasks off the on-call contract and a formal approach to respond to each task. Below is a summary of our proposed approach for completing the task orders.

Step 1 – Initial Meeting with City Project Manager and Ardurra Project Manager

To be effective in responding to requests for quotes and developing an accurate scope and budget, the project objectives must be clearly defined. As a first order of work, a meeting between the City's Project Manager and the Ardurra project manager to be assigned to the work will be setup. The City will typically make a request for a scope and budget prepared for a project. This request can come verbally and/or through a written request for a quote. We will discuss the request with the City's Project Manager and discuss the appropriate key persons from our team to be assigned, services needed, schedule, approximate budget available, and assumptions for completing the work order.

Step 2 – Develop Scope of Work and Team

Ardurra will then coordinate with the appropriate key persons from our team, which may include a multi-discipline team, to prepare and submit a proposal for completing the work. In preparing their scope, individual team members will be asked to clarify their items of work with the Project Manager from the City, as required. Some task orders will be completed without further meetings, depending on the complexity of the work. Each team member will submit his or her scope to Ardurra's project manager. Our project manager will then combine the individual scope into an overall scope and proposal for review by City. This procedure has worked well on our current on-call contracts.

Ardurra takes great pride in our responsiveness and project management expertise, and assures that we will provide the following services, as required:

- Develop project scope, schedule, and cost estimate for each project

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- Review project documentation and provide research as required
- Assist City staff in the procurement of funding opportunities
- Develop project management workflows and processes as required
- Coordinate with City staff to determine project delivery including Construction Manager at Risk, Design-Bid-Build, Design-Build, Program Manager at Risk, Public Private Partnerships, Job Order Contracting, etc. and oversee the desired delivery method
- Negotiate Alternative Delivery Contracts (Design-Build, Construction Manager at Risk, etc.)
- Oversee and/or provide consultation on project delivery processes for federal funded projects
- Facilitate grant compliance, reporting, and management
- Facilitate communications and manage project stakeholders (City staff, State staff, Federal, State, utility agencies, project consultants, property owners, environmental regulatory agencies etc.)
- Manage CEQA and Regulatory Permit consultants facilitate negotiations with Regulatory Agencies
- Develop cooperative/3rd party agreements
- Conduct project conflict analysis
- Oversee the preparation of pre and post project renderings
- Prepare constructability reviews
- Attend/lead project meetings with City staff, A-E consultant staff, City staff, regulators, and other stakeholders

Similar Project

CIP Downtown Signal Upgrade – replacement of existing traffic signal poles and mast arms in the downtown area.

CIP Randall Avenue Widening Street Improvements, City of Rialto

- Develop project initiation and monitoring documents (i.e., project charter, scope of work, registers, project management plan, etc.)
- Develop and implement strategic communications plans
- Coordinate/conduct kickoff meetings, public events, and public outreach
- Collaboration with project delivery team to secure right of way, regulatory permits and CEQA/NEPA
- Analyze project quality and prepare risk matrix
- Monitor and control project budgets and expenditures based on earned value analysis
- Prioritize and rank capital projects through cost-benefit analysis
- Conduct Independent Engineering Peer reviews
- Conduct alternative analysis/value engineering studies
- Prepare project Water Quality Management Plan (WQMP)
- Prepare project phasing/sequencing analysis
- Serve as the technical liaison to executive management
- Manage projects utilizing City Project Information Management System

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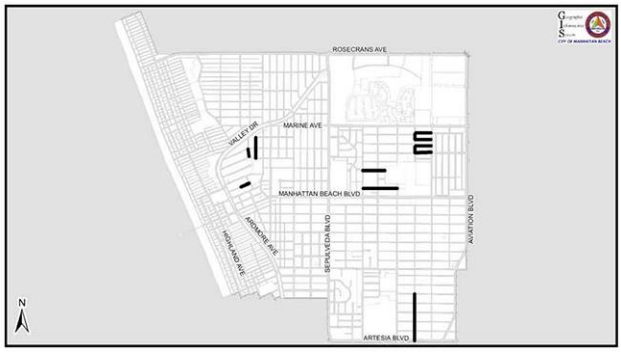
- Assist in development of Department standards, manuals, procedures, and boilerplate documents
- Prepare Agenda Staff Report (ASR) for Board approval
- Collaboration with project delivery team to secure right of way, regulatory permits and CEQA/NEPA
- Provide public outreach services and coordination on public event
- Provide independent cost estimate for horizontal project (Road, bridges, flood, and bikeway)
- Provide labor compliance services for federally funded project
- Provide Quality Assurance (QA) services for CIP construction documents
- Provide WQMP and ESCP support services
- Provide Value Engineering (VE) services
- Provide construction support as required
- Assist the City Project Manager to set DBE goals and coordinate reviews with the State
- Provide other project management or CIP support duties as assigned.

Partnering with the City

Ardurra's goal is to be a true partner with the City and to ensure the City's project manager is always up to date on the status of each task so there are no surprises.

Similar Project



CIP Annual Pipe Replacement Program – the Water Masterplan lays out the areas for replacement/ installation.

Ardurra's multiple water pipe replacement projects.

Step 3 – Notice to Proceed

Once the task order is reviewed, negotiated, and executed, a notice to proceed will be given to Ardurra to begin work.

Step 4 – Coordination/Progress Meetings

Meetings will be held as desired by the City Project Manager, to keep City staff apprised of the progress of the work and to coordinate with staff from different divisions involved in the task order. Schedules will be developed to identify allowable work windows for completing required work which may consist of the various work tasks as shown in Step 2 above.

Keys for Project Management Success

Ardurra's project management approach is derived from many years of experience and proven success and includes very specific strategies: **coordination, communication, and documentation.**

Coordination – We coordinate with our internal team and our subconsultants weekly. We do this as a standing meeting which everyone protects. During this meeting we discuss our action item list, what resources the team members need to complete their work, and any unanticipated challenges. If needed, we have ad hoc meetings to discuss these challenges and brainstorm options to keep your projects moving.

Adding to the coordination is keeping you and stakeholders informed. We do this with a weekly "check-in" call where we quickly run down the project status, what we need from you,

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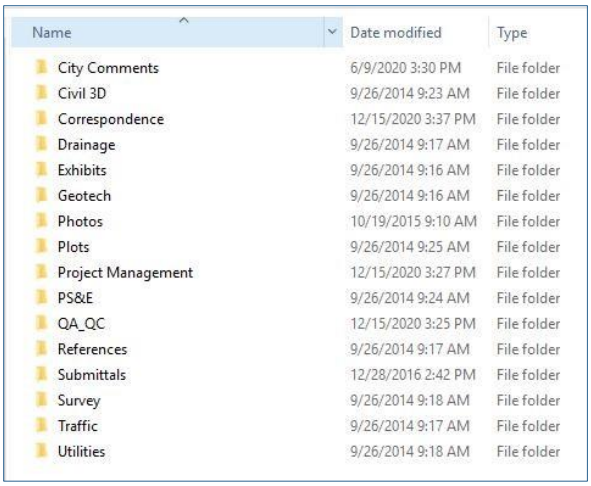
and what you need from us. Anissa feeds this information into the weekly team meeting to keep you in loop and address your concerns in real time.

Communication – Ardurra has a formal, proactive communication plan to share critical project information as soon as possible and to make sure there are no surprises. We continuously report progress, identify problems, assign priorities, receive feedback, and document progress. From project start-up through project close-out, we will prioritize our communication to make sure all required actions are documented and addressed in a timely manner. The City can be assured that both the City and all Team members will always be aware of the status. This level of coordination, coupled with the project progress meetings, helps avoid project issues and delays, and ensures that the project is on schedule and within budget. Ardurra has used this management approach with great success on all types and sizes of projects.



Name	Date modified	Type
City Comments	6/9/2020 3:30 PM	File folder
Civil 3D	9/26/2014 9:23 AM	File folder
Correspondence	12/15/2020 3:37 PM	File folder
Drainage	9/26/2014 9:17 AM	File folder
Exhibits	9/26/2014 9:16 AM	File folder
Geotech	9/26/2014 9:16 AM	File folder
Photos	10/19/2015 9:10 AM	File folder
Plots	9/26/2014 9:25 AM	File folder
Project Management	12/15/2020 3:27 PM	File folder
PS&E	9/26/2014 9:24 AM	File folder
QA_QC	12/15/2020 3:25 PM	File folder
References	9/26/2014 9:17 AM	File folder
Submittals	12/28/2016 2:42 PM	File folder
Survey	9/26/2014 9:18 AM	File folder
Traffic	9/26/2014 9:17 AM	File folder
Utilities	9/26/2014 9:18 AM	File folder

Documentation – Proper documentation is critical for all projects. We have a thorough understanding of the document control procedures required for the projects that have a variety of funding sources. Ardurra's document control management policies are prepared to comply with the City's requirements. Our typical monthly project progress reports include the status of deliverables, utility and outside-agency efforts, cost and schedule snapshot and analysis, issues discussion and recommended resolution actions. Monthly progress reports will be tailored to the needs of the City for each project. In combination, Ardurra's tools and efficiency in coordination, communications, and documentation will provide the City with a transparent process for the duration of the contract.

Quality Assurance and Quality Control – Our team review includes more than checklists and calculation verification. With our team of construction managers and previous city engineers and public works directors, we review each deliverable as if we were sitting in your shoes. We include items such as constructability, change order avoidance, compatibility with the community, potential perception issues, political considerations, and minimizing public inconvenience and disruptions in the comments we provide to the design team. We combine these context-focused reviews with technical items to increase the quality of our product and provide the local community more value.

Our standard technical reviews will continue throughout the projects. This technical review includes a project specific QA/QC Plan, quality assurance, and project specific checklists which our quality managers compile and distribute to the team prior to starting design. The quality control managers for the project ensure that the team managers address all checklist items. Besides the quality control by the project manager, a quality control committee composed of at least two registered engineers that are not involved in the project will review the project documents. The review committee will do a technical evaluation of the calculations, plans, cost estimate, and the project specifications. The quality managers send the team managers review comments to implement in the design. The results of our in-house QA/QC Plan for the entire Ardurra Team are available for review by the City.

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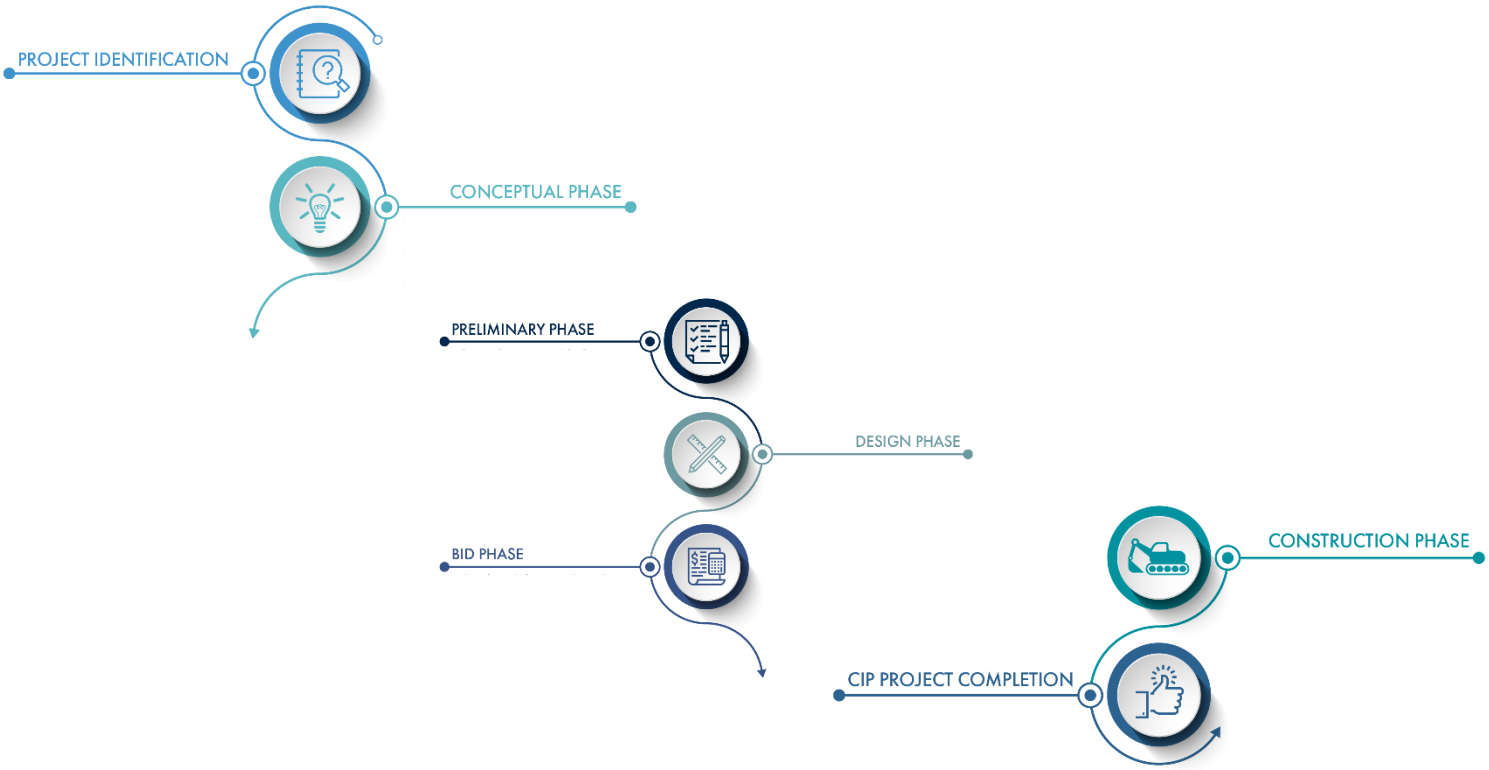
Schedule – Our project managers will prepare and maintain a Microsoft Project schedule. The schedule, task lists, and progress reports will be used to list each task in the project to enable our project manager to hold members accountable for delivery. We will provide a summary report regularly that shows tasks completed, items that may have changed, and schedule updates.

Ardurra provides several layers of quality control, assuring that all project needs are met.

Why Ardurra? We have proposed project managers who have extensive experience on similar projects who have diligently and thoroughly reviewed each project to develop thoughtful scopes of work that will deliver the projects for the City in a cost effective, time efficient manner. We also have proposed a team of professionals for QA/QC that includes former Directors of Public Works/City Engineers that have sat in your seat and understand how to view these types of projects from not only the technical side but also from the standpoint of community impact and political sensitivity. In short, we have proposed a team of the highest quality that we believe stands up to and exceeds the City's expectations.

All that said, we believe that there is an additional, most important reason we know that the selection of Ardurra for all 12 projects would prove to be a great decision for the City. Simply, we have viewed all 12 projects and the interrelations to one another. We have found innovative ways to use services provided on one project to serve another with no duplicate services and hence cost. We have developed strategies for several intersection projects that we could implement with a simple plan and low-cost field implementation, producing significant savings and expedited delivery. We have developed a master schedule to ensure that construction of improvements on one project (such as median improvements) correlates intuitively with a follow up project (like paving). Not only does this save on cost and improve project delivery, but it also builds trust with the community as they can see the results of a thoughtful approach by the City and its design team, Ardurra.



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Non-Collusion Form

As requested in the RFP, we have included our signed non-Collusion form in the Scope of Work section of our proposal, and it can be found on the following page.

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Appendix B
Non-Collusion Affidavit

The undersigned declares states and certifies that:

1. This Proposal is not made in the interest of, or on behalf of any undisclosed person, partnership, company, association, organization or corporation.

2. This Proposal is genuine and not collusive or sham.

3. I have not directly or indirectly induced or solicited any other Proposer to put in a false or sham proposal and I have not directly or indirectly colluded, conspired, connived, or agreed with any other Proposer or anyone else to put in sham proposal or to refrain from submitting to this RFP.

4. I have not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the proposal price or to fix any overhead, profit or cost element of the proposal price or to secure any advantage against the City of Manhattan Beach or of anyone interested in the proposed contract.

5. All statements contained in the Proposal and related documents are true.

6. I have not directly or indirectly submitted the proposal price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay any fee to any person, corporation, partnership, company, association, organization, RFP depository, or to any member or agent thereof to effectuate a collusive or sham proposal.

7. I have not entered into any arrangement or agreement with any City of Manhattan Beach public officer in connection with this proposal.

8. I understand collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards.

Signature of Authorized Representative

Lisa M. Penna, PE, F.ASCE, QSD
Name of Authorized Representative

Vice President, Managing Principal
Title of Authorized Representative

This executed form must be submitted with Scope of Work proposal.

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B – Fee Schedule and Rate Sheet

Ardurra Group, Inc.

Effective February 1, 2021 Standard Billing Rate Schedule for the City of Manhattan Beach

Engineering Services

Staff	Hourly Rate
Principal	$230
QA/QC Manager	$205
Project Manager IV	$210
Project Manager III	$200
Project Manager II	$185
Project Manager I	$175
Project Engineer IV	$185
Project Engineer III	$160
Project Engineer II	$150
Project Engineer I	$140
Project Designer III*	$135
Project Designer II*	$120
Project Designer I*	$110
CADD Drafter III*	$125
CADD Drafter II*	$115
CADD Drafter I*	$105
Public Works Technician I*	$105
Administrative Assistant	$100

Municipal Services

Staff	Hourly Rate
Principal	$230
Project Exec./Management Consultant	$205
Senior Program Manager	$210
Program Manager	$195
Project Manager III	$195
Project Manager II	$185
Project Manager I	$175
Plan Check Engineer IV	$190
Plan Check Engineer III	$180
Plan Check Engineer II	$165
Plan Check Engineer I	$150
Project Controls Engineer	$135
Public Works Technician III*	$120
Public Works Technician II*	$110
Public Works Technician I*	$100
Senior Code Enforcement Officer/Mgr*	$100
Code Enforcement Officer II*	$85
Code Enforcement Officer I*	$75

* Positions noted with an asterisk are subject to overtime rates billed at 1.5 times regular rates for all time over 8 hours in a single day or work performed on Saturday; and double time rates for work performed on Sundays and Holidays.

Other Direct Costs: Reimbursement of identifiable non-salary costs that are directly attributable to the project such as oversized and/or color reproduction costs, overnight postage or couriers, etc., are billed at actual cost plus five percent (5%) to cover overhead and administration. Mileage required for travel are billed at the allowable IRS mileage reimbursement rate.

Fees for subconsultant services: Billed at actual cost plus 5 percent (5%) to cover overhead and administration.

Exclusions to Scope and Fee: The following items are specifically excluded:

· Legal advice
· Specialized software (other than MS Office Suite and MS Project)
· Expert witness services

C – Consultant Expenses

Ardurra will submit any unanticipated expenses to the City for approval prior to invoicing said expense.

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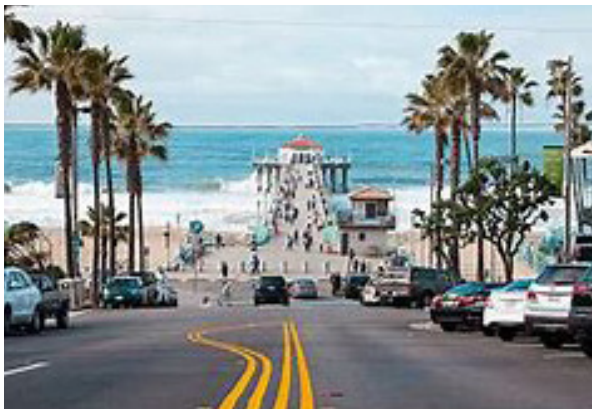
PART 2



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Part 2

A – Statement of Qualifications

Local Experts with National Strength

Our team has been providing services to Los Angeles and Orange County local public agencies since the 1980s. Our team of local experts have been part of the fabric of this community as Rancho Palos Verdes, Torrance, Long Beach, Signal Hill, Fountain Valley, Seal Beach, and others grew from suburban unincorporated areas into thriving cities. In 2018, we joined forces with Ardurra Group, Inc., and now boast a rock-solid team of over 604 employees in 38 offices across the country. Together, you get unmatched local knowledge with the power and depth of an ENR Top 500 firm staffed with experts on public works, water, environmental, land development, emergency management, structural engineering, and survey.

This new team has not forgotten its roots as a practical, responsive, and cost-effective local firm focused on delivering the best planning and design of **street, water, sewer, storm drain and building/parks facilities improvements.** We even help deliver projects as an extension of staff to Long Beach, Signal Hill, Lake Forest, and Huntington Beach. In fact, we have a Public Works Division office in El Segundo, just 2.4 miles from the City of Manhattan Beach. We will also draw on resources in our Newport Beach, Long Beach, and San Diego offices to deliver your projects.

Local Experiences Means "Just Right" Solutions

While our 38-year history in the area has created a tried-and-true system to delivering on-call projects to cities like you. We tailor our management approach and communication process to your needs. We carefully monitor program effectiveness and closely track work quality and cost. You deserve a dedicated and flexible team to deliver multiple on-call projects under aggressive schedules. This means you need careful management, administration, and oversight of project development teams from inception to completion. That is why we continue to hire and train staff to own all aspects of project delivery and match your local needs with our local staff and capabilities weekly. These custom solutions provide you confidence to know we will make your deadlines and deliver thoughtful, equitable, and "just right" solutions on every assignment.

COVID Preparedness

Our staff, and their safety and availability, are critical to successfully supporting the City. We currently abide by local mandates and work with our clients to follow their procedures to keep everyone safe. We are flexible and have been successful at modifying our procedures to match local, state, and national safety standards. We will continue to adjust our approach to best protect the livelihood of your team, your community, and our staff.

This Makes Your Life Easier

As a multi-disciplined firm, Ardurra can offer numerous additional services that provide solutions tailored to the specific needs of our clients. One such service is management consulting for municipalities.

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Management Consulting Services

The review and improvement of service delivery methods is an excellent way to save money and efficiently provide public services. **We are ready to help!**

We can assist with strategic planning to align resources, improve internal and external communications, and shape vital public services that meet the needs of your community. The Ardurra team can analyze your municipal processes and policies to streamline processes, eliminate redundancy, increase efficiency, and provide excellent service to customers and the community. Our analytical process will use best practices and input from employees, managers, and the community to create "buy in" of improved processes and policies.

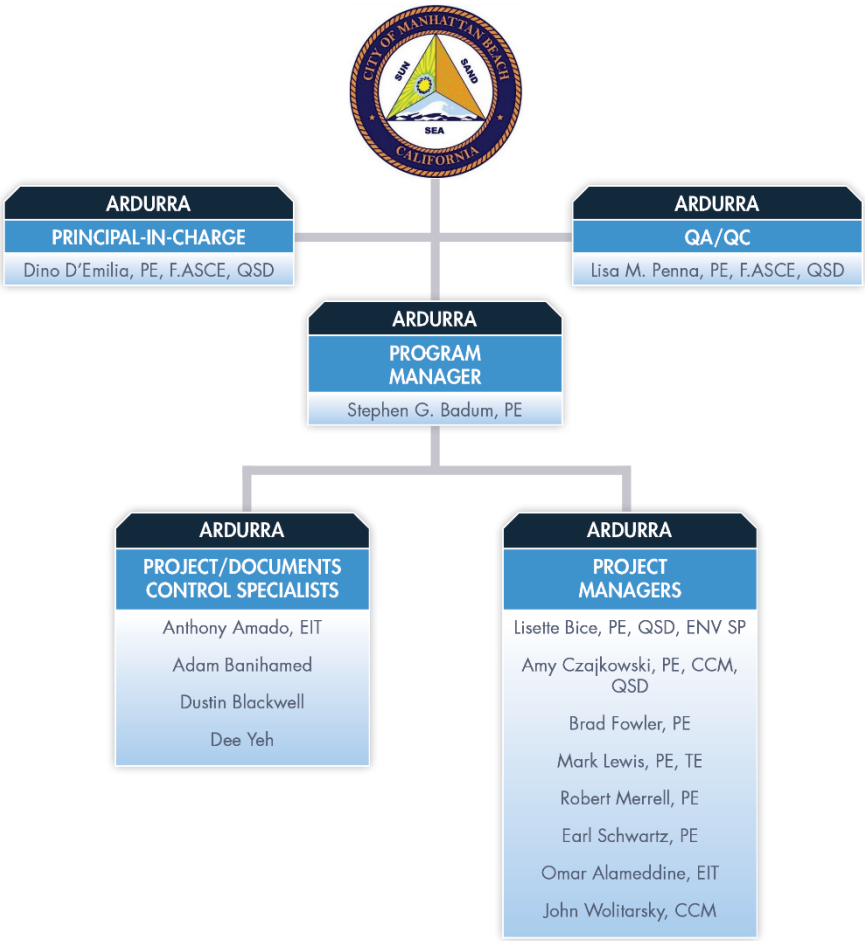
Your team members are your best resources. Many organizations have new or newly promoted employees, retired employees with a specific knowledge base, or new processes and programs to be implemented. Organization's strengths change over time and community needs also change. A careful analysis of community goals and needs with respect to your team's organization, talents, and resources can help achieve the best balance of resources so that you can efficiently deliver services to your community.

Our dedicated team can work with you to develop tailored solutions that can greatly benefit the City's efforts in providing quality public services.

Team Organization Chart

We believe that people and the quality of the services they provide are paramount to the success of the City's project and our firm.

Resumes can be found in the Appendix of this proposal.



Meeting the City's Goals

The Ardurra team experience and proven dedication on similar CIP project types will enable us to manage and surpass the City's goals effectively and efficiently.

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Relevant Project Experience

The projects included below demonstrate Ardurra's experience and expertise. Please contact our clients, they will attest to the quality of our work.

Roundhouse Marine Studies Lab and Aquarium, City of Manhattan Beach, CA

Relevance: Project Management, City Project

City of Manhattan Beach 1400 Highland Ave. Manhattan Beach, CA 90266 Stephanie Katsouleas, PM (310) 802-5321 skatsouleas@citymb.info	**Services:** Project Management **Start:** 09/2016 **Complete:** 6/2018 **Construction Cost:** $5.3 million	Dino D'Emilia, PE, F.ASCE, QSD – PIC, Project Manager Dustin Blackwell – Project Controls Officer

Visitors get a first glimpse of the renovated aquarium at a grand opening

As project manager, Ardurra oversaw the complex renovation of a cherished city landmark, the Roundhouse Aquarium on the Manhattan Beach Pier. After years of exposure to the elements, the structure had begun to fall into disrepair. Space constraints stood in the way of offering a relevant, difference-making learning experience. While the building's size was relatively small, the constraints and conflicting priorities to be coordinated were mammoth. Ardurra facilitated the resolution of each challenge through collaboration with key stakeholders and leveraging the skills of specialty subcontractors, an environmental consultant, and an aquarium architect. A grand opening celebration in November 2018 drew enthusiastic project stakeholders and local dignitaries. **The project received an American Council of Engineering Companies (ACEC) 2019 Merit Award; an American Public Works Association 2019 BEST Project of the Year Award, Southern California Chapter; and a 2020 CMAA Southern California Chapter Project of the Year Award.**

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Citywide Capital Improvement Projects, City of Long Beach, CA
Relevance: Roadways, Traffic, Bicycle Lanes

City of Long Beach 333 West Ocean Blvd. Long Beach, CA 90802 Keith Hoey, (562)570-6586 keith.hoey@longbeach.gov	**Services:** **Project Management** **Start:** 2019 **Complete:** Ongoing	Stephen Badum, PE – Municipal Services Manager Lisette Bice, PE, QSD, ENV SP – Project Manager

Ardurra is providing project management services for capital improvements throughout the City. Representative projects include the following:

Delta Bike Boulevard Project. The $3 million project includes **Class II and III bike lanes** and shared lane markings, traffic circles, a roundabout, pavement repairs, a new traffic signal and wayfinding signage from Harbor Avenue from 10th Street to 20th Street, and Delta Avenue from 20th Street to Wardlow Road (approximately a three-mile corridor). The project is funded through ATP grant and local match.

8 to 80 Project. The City received ATP funding more than $6 million dollars to create facilities aimed at improving safety and removing barriers to walking /cycling for residents, workers, students, schoolchildren, and visitors to the City of Long Beach. The 8-80 project will provide bike boulevards along two corridors located within the City (four miles), as well as a road diet (one mile) with buffered biked lanes. Improvements include traffic circles, roundabouts, new traffic signals, bulb-outs, bridge ADA upgrade, signing, striping, pavement repairs and wayfinding signage. Ardurra is responsible for managing the project and grant funding in collaboration with City staff and design consultant.

On-call City Engineering Services, City of Signal Hill, CA
Relevance: Project Management, Program Management, Roadway, Watersheds, Parks, Trails

City of Signal Hill Hannah Shin-Heydorn, City Manager (562) 989-7300 Hshiheydorn@cityofsignalhill.org	**Services:** **Project Management, Program Management, City Engineering, Plan Check** **Start:** 02/2017 **Complete:** ongoing	Stephen Badum, PE – Contract City Engineer

Ardurra has managed a variety of Signal Hill capital improvement projects, including a new dog park.

Ardurra provides city engineering and project management services for various public works Capital Improvement Projects, including management of the design and construction of the City's first dog park. Ardurra is also managing the design of View Park that includes the design of the City's reclaimed water system, which will connect with the City of Long Beach. Ardurra performs city engineering, plan check, and a multitude of project management services including CIP management and administration for design through construction; preliminary engineering and analysis for project development and feasibility studies; CIP planning, budgeting, and scheduling; permit/grants administration; coordination with adjacent, state, regional and federal agencies as well as utilities.

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Alamitos Beach Concession Building, City of Long Beach, CA
Relevance: Project Management

City of Long Beach Public Works Department 333 West Ocean Blvd. Long Beach, CA 90802 Tony Resendez, Project Manager (562) 570-6258 Tony.Resendez@longbeach.gov	**Services:** **Project Management and Construction Management** **Start:** 2019 **Complete:** 10/2020 **Construction Value:** $6.5 million	Dino D'Emilia, PE, F.ASCE, QSD – PM/CM Group Leader Dustin Blackwell – Assistant CM / Project Controls Adam Banihamed – Assistant CM / Project Controls

Ardurra was engaged to take over the provision of CM services for the construction of a two-story beach restaurant, a public beach restroom, beach rental facility and dune themed beach playground.

Ground up improvements included structural, architectural, mechanical/electrical and plumbing civil/site, landscaping/irrigation, and custom graphic artwork and signage elements.

Shortly after construction began, the project experienced complex and substantial issues that impacted the budget and schedule. To expeditiously address the problems, the City engaged the Ardurra PM/CM team to replace the original CM team and assist the project team to keep the project on track and minimize the impacts to the project.

Ardurra assisted the City to resolve the following complex construction challenges on the project including:

- A substantial foundation re-design, cost and time change order negotiations and processing
- Contractor delays resulting from subcontracting difficulties
- Contractor posturing with RFIs and potential claim correspondences
- Additional coordination meetings to address Contractor issues
- Burdensome RFI and submittal process due to Contractor posturing and staff lacking industry competence
- Site coordination around the Grand Prix Event due to project delays
- Coronavirus (COVID-19) Pandemic / Stay at Home Orders related matters

Ardurra also provided project control services to maintain tight and efficient documentation, and to coordinate quality assurance special and deputy testing for the project. Ardurra worked collaboratively with the project design team, the City's full-time inspector and City's project management and construction services departments to deliver the project. Subconsultants HLCM Construction Management (HLCM) and Arcadis were utilized to compile a peer estimate for changes to the foundation design, and a delay and schedule analysis, respectively to assist with potential claim resolution.

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Girl Scouts of Orange County Leadership Center, Newport Beach, CA

Girl Scouts of Orange County 9500 Toledo Way, Suite 100 Irvine, CA, 92618 Tom Olivas, Director of Facility Operations; (949) 461-8815 tolivas@girlscoutsoc.org	**Services:** **Project/Construction Management** **Start:** 2015 **Complete: 8/**2017 **Construction Cost:** *$2,717,995* **Fee:** $328,651	Lisa M. Penna, PE, QSD - Project Director Dino D'Emilia, PE, QSD - Project Manager Donna Sanabria – Documents Control

Ardurra provided project management, construction management and public outreach for the Girl Scout Leadership Center project. The 4,100-square-foot facility with a 2,000-square-foot patio was built in the City of Newport Beach's Marina Park on oceanfront land at 200 18th Street. Ardurra oversaw construction of the new building and site utilities and other improvements, including hardscape, landscape, and irrigation. The project was designed and constructed in compliance with the U.S. Green Building Council's (USGBC) LEED Silver certification standards.

During construction, Ardurra provided recommendations and coordinated with the design team to develop solutions to discrepancies between the plans and actual site conditions. Ardurra also managed community relations and assisted the Girl Scout chapter with public outreach activities, such as monthly resident notification flyers to keep the public informed of the project status, schedule, and any construction-related impacts.

Fire Station No. 5, City of Anaheim, CA

City of Anaheim 200 S. Anaheim Boulevard Anaheim, CA 92807 Bill Grigsby, PE, QSD, Principal Civil Engineer (714) 765-4922; WGrigsby@anaheim.net	**Services:** **Construction Management, Contract Administration** **Start:** 03/2017 **Complete:** 08/2018 **Construction Value:** $5.4 million **Fee:** $149,135 (only if required)	Dino D'Emilia, PE, F.ASCE, QSD – PIC Scott Neumann, CCM, QSP – Construction Manager/Contract Administrator

Ardurra provided contract administration and construction management for the $5.4-million design-build construction of a 9,400-square-foot fire station on one acre. The new station serves Anaheim neighborhoods around the 57/91 freeway interchange and responds to freeway incidents. The new station houses eight active-duty fire fighters per shift and up to three crews. The structure includes office space, a training room, kitchen, gym, dual gender locker rooms and restroom facilities, work room, eight dorm rooms, parking, driveways, sidewalks, walls, fences, landscaping, and the installation of transmission lines for water, sewer, gas, telephone/cable, and electrical utilities and the Westnet alerting system. The station's three-bay apparatus area is designed to accommodate six vehicles, as well as a de-ionized washing system with an on-site 72-inch Contech underground water capture and treatment system. This project was the City's first new fire station in over a decade. **Winner of 2018 BEST Award from the Southern California chapter of the American Public Works Association.**

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Randall Avenue Widening Street Improvements, CIP #140809, City of Rialto, CA — Ardurra

City of Rialto Public Works Department 335 W. Rialto Avenue Rialto, CA 92376 Michael Tahan, PE Interim Public Works Director (909) 262-4770 mtahan@rialtoca.gov	**Services:** Engineering Design - Site Evaluation, Report, Design of Corridor Traffic and ADA Improvements and Design of Roadway widening **Start:** 6/24/2020 **Complete:** Ongoing **Construction Complete:** 9/2021 **Project Value:** $3 million **Est. Fee:** $350,000 (only if required)	Anissa Voyiatzes, PE, QSD, ENV SP – Eng./Muni. Services Group Leader Mark Lewis, PE, TE – PM Steve Badum, PE – QA/QC Jose Hernandez, PE, QSD – Design Lead Eli Farah, PE – Design Engineer CL Surveying (sub) - Survey

Ardurra is providing civil and traffic engineering design services for the development of detailed plan documents to address ADA deficiencies on Randall between Cactus and Riverside as well as improve circulation and accessibility at the intersection of Randall Avenue/Bloomington Avenue and Lilac Avenue. The phases of this project include: 1) Evaluation and Report Preparation; 2) Design of Traffic and ADA Improvement; 3) Design of Roadway Widening of Drainage Channel Widening to Improve Traffic and Eliminate Roadway Hazard. The plan documents design for ADA improvements including but not limited to sidewalks, curb ramps, pedestrian push button locations, improvements to crosswalks for better alignment. The design also includes striping, channelization, signing, traffic signal alignment, and minor civil construction to address vehicular mobility. The work includes design for the striping transition at the existing drainage channel on Randall Avenue and the intersection with Bloomington Avenue and Lilac Avenue.

Laguna Canyon Channel Improvements, City of Laguna Beach, CA
Relevance: Flood Control, Watersheds

City of Laguna Beach Public Works Mark Trestik, City Engineer (949) 497-0300 mtrestik@lagunabeachcity.net	**Services:** **Project Management** **Start:** 2015 **Complete:** Ongoing **Construction Cost:** $15 million	Lisa Penna, PE, F.ASCE, QSD – Managing Principal Robert Merrell, PE – Quality Control

Ardurra is providing project management services for the planning, design and construction of the Laguna Canyon Channel Improvements project, which is just upstream from Beach Street to the ocean outlet (approx. 1,000 linear feet). The project involves reconstruction of some portions of the channel for capacity enhancements, replacement of deteriorated portions of the 87-year-old structure and rehabilitation of other portions of the channel along this reach to repair spalling and exposed reinforcing.

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Public Works Capital Improvement Projects, City of Long Beach, CA
Relevance: Project Management, Traffic, Flood Control, Roadways, Parks

City of Long Beach Alvin Papa, PE, City Engineer 333 West Ocean Blvd. Long Beach, CA 90802 (562) 570-6386 Alvin.Papa@longbeach.gov	**Services:** **Project Management, Program Management** **Start:** 2014 **Complete:** Ongoing	Steve Badum, PE – Senior Project Manager Dennis Jue, PE, TE – Project Manager Lisette Bice, PE, QSD – Project Manager

The City of Long Beach has contracted with Ardurra to provide on-call project management services on a multitude of current and upcoming Tidelands and Public Works capital improvement projects, such as:

Plans included:
- **Entitlement Review**
- **Hydrology and Hydraulics**
- **Dry Utilities**
- **Grading**
- **Water and Sewer**
- **Traffic Studies**
- **Sheeting and Shoring**
- **Storm Drain**

245 W. Broadway – This project relocated an existing 84-inch, reinforced-concrete, LACFCD storm drain from private property easements into public streets and adjacent to an LA Metro rail line. Plan check submittal needed to be handled incrementally to accommodate shoring and traffic designs to catch up. have permit-ready plans for post-rainy season construction was facilitated and achieved.

635 E. Ocean Boulevard – The Shoreline Gateway project involved underground parking in areas of **subsurface street vacations,** undergrounding electrical services, **on-site stormwater retention,** ADA improvements, and **public street/alley improvements.**

Capital Improvement Projects, Orange County Public Works, Orange County, CA
Relevance: Project Management, Bikeways, Trails

Orange County Public Works 601 N. Ross Street Santa Ana, CA 92701 Tim Nguyen, Senior Civil Engineer (714) 245-4517 tim.nguyen@ocpw.ocgov.com	**Services:** **Project Management** **Start:** 10/2018 **Complete:** Ongoing	Stephen Badum, PE – Contract Manager Brad Fowler, PE – Senior Project Manager

Under an on-call project management contract with OC Public Works, Ardurra is providing project management services for a variety of capital improvements, such as the **El Cajon Bikeway** and **Carbon Canyon Channel Bikeway** projects.

For the **El Cajon Bikeway,** Ardurra's Brad Fowler, PE, has been overseeing this project to close a gap in the OC bicycle Loop. The project will connect the El Cajon Trail Class I bikeway, from the intersection of Farilynn Boulevard and Oakvale Drive, to the Santa Ana River Trail at Yorba Regional Park. The project is approximately 1.2 miles long and includes a combination of Class I, II, III and IV bikeways and a multi-use trail section. Beginning in September 2020, Ardurra is also scheduled to begin providing construction labor compliance services for this project.

Future projects under this contract may include bikeway, bridge, storm drain and sidewalk improvements, and other assignments under the jurisdiction of OC Public Works.

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On-Call Municipal Engineering Services, City of Lake Forest, CA

Relevance: Program Management, Project Management, Traffic Engineering, Flood Control, Roadways, Parks

City of Lake Forest 100 Civic Center Drive, Lake Forest, CA 92630 Tom Wheeler, PE, Director of PW/City Engineer (949) 461-3480; twheeler@lakeforestca.gov	**Services:** **Municipal Engineering** **Start:** 06/2011 **Complete:** 06/2021 **Project Value**: $3,585,000 (04/2011 to 04/2016) $9,830,000 (04/2016 to 06/2021)

Principal-in-Charge – Lisa Penna, PE, F.ASCE, QSD

Project Management – Dennis Jue, PE, TE – Program Manager; Steve Badum, PE – Project Manager; Mark Lewis, PE, TE (Traffic/Transportation Engineering)

Plan Check/Entitlement Review – Teresa Kelley, PE – Plan Check Manager; Joe Buckner, PE, PLS, QSD; Miquel Hurtado, PE; Anthony Amado, EIT; Jim Garvin, PLS; Don Wilson, (Cornerstone) landscape/irrigation

Public Works Inspection – Omar Alameddine, EIT – Inspections Manager; **Subdivision Improvements/Grading:** Keith Forbes, QSP; John Dela Cruz, QSP; Chip Vanderbeek, QSP; Paul West, QSP; **Landscape/irrigation:** *Pending*

Ardurra has a multi-year contract with the City Public Works Department to provide municipal engineering services. Tasks include reviewing land use applications, plan checking development plans and maps, inspecting approved land development construction, inspecting approved work in the public right-of-way, public works encroachment permit inspection, water quality program management and to provide additional staff on an as-needed basis.

Primary services have involved engineering implementation of the City's **Opportunity Studies Area (OSA)** that comprises five developments totaling over 4,000 housing units; design of the Los Alisos Boulevard resurfacing project; conducting the annual sidewalk survey; and inspection of the catch basin insert project. The OSA projects involve plan check and inspection of all facets of development including map approval; rough grading; precise grading; street and storm drain improvements; park development; and median and parkway improvements. Other land development projects have been approved other than the five OSA projects, including The Meadows, Parkside, Encanto, and residential housing in the Auto Center.

There are **currently four major residential development projects** within the city. During the next three years **(2021-2024),** it is expected that all four projects will be completed. Once completed, approximately 5,000 new residential units would have been constructed.

Under this multi-year contract, Ardurra has performed **plan checking and reviews** for the following: entitlement review; subdivision maps; hydrology and hydraulics reports; street improvement plans; grading plans; water quality management plans and encroachment permits.

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Engineering Services for the Program/Project Management of Capital Improvement Plan

IEC-Ardurra

Long Beach Water Department (LBWD) 1800 E Wardlow Road Long Beach, CA 90807 Wendy Chen, PE - Manager of Engineering	**Services: Program/Project Management** **Start:** 10/2021 **Complete:** 09/31/2022 **Project Value:** $40 million	Amy Czajkowski, PE, CCM – Program Manager

Ardurra has been selected to provide engineering services for the program and project management of the Capital Improvement Plan (CIP) for the LBWD. LBWD is undertaking an aggressive CIP program that ranges from new well water supply projects to sewer pipeline and lateral replacements. LBWD anticipates a CIP budget for Fiscal Year 2022 of $40 million dollars which spans from October 1, 2021, to September 31, 2022. This is a large influx of projects over a short period of time. Ardurra will execute the individual CIP projects and assist in the overall CIP Program goals.

Key project elements include:

- Ensure all of the CIP projects are coordinated and sequenced to mitigate disruption to the public and/or coordinate/minimize disruption to LBWD Operations Department
- Assist in scheduling all CIP work and manage each project manager's workload as project parameters change
- Work closely with LBWD to be part of an increased CIP execution rate. We are committed to targeting a CIP EXECUTION RATE OF OVER 85% for this fiscal year. This metric aids in securing grants and/or other financial instruments since it demonstrates LBWD's ability to execute work.

Near Term Water Supply and CIP, Elsinore Valley Municipal Water District, CA

IEC-Ardurra

Elsinore Valley Municipal Water District 31315 Chaney Street Lake Elsinore, CA 92530 Jason Dafforn, PE - Director of Engineering and Water Resources (951) 674-3146 x 8219 jdafforn@evmwd.net	**Services: Project Management, Program Management, Construction Management** **Start:** 2016 **Complete:** Ongoing **Project Value:** $25 million	Amy Czajkowski, PE, CCM – Program Manager

Ardurra (formally known as IEC) was engaged by the Elsinore Valley Municipal Water District (EVMWD) to provide project and construction management for over 40 CIP projects ranging in construction value from $300K to $10M. The CIP execution rate was over 90% and all projects were completed on time and with an overall 2% change order rate. Under this contract, a wide range of services were successfully provided: coordinating and supervising all inspections for in-house inspection staff and outside consultants; processing all RFIs, progress payments, etc. and conducting all progress meetings; managed (3) emergency construction projects including the repair of a sewer force main in Highway 74; coordinating all communications with the Engineers of Record (EORs) and CM staff; performing public outreach tasks; overseeing the District's Labor Compliance Program; acting as the SMARTS system Legally Responsible Party (LRP) and performing all Qualified SWPPP Practitioner (QSP) inspections; performing all Claims Management (see preceding table listing claim resolutions;) acting as coordinator with the various jurisdictions such as RCFCWCD, Caltrans, RWQCB, ACOE, CDFG, and other agencies to complete permits; and coordinating with SCE to secure new electrical service for the various facilities.

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As-Needed Program Management, City of Oceanside, CA — IEC-Ardurra

City of Oceanside 300 North Coast Highway Oceanside, CA 92054 Greg Keppler, PE, QSD* Engineering Project Manager (760) 597-3136; gkeppler@vidwater.org *now with Vista Irrigation District	**Services:** **CIP Manager** **Start:** 2012 **Complete:** 2016 **Construction Value:** $25 million	Amy Czajkowski, PE, CCM – CIP Manager

Ardurra (formally known as IEC) performed Program Management Services for the City of Oceanside Water Utilities Department. This contract included the preparation of over 15 in house designs, Request for Proposal preparation, managing consultant contracts, preparation of Staff Reports and other Council documents, and all other functions to complete all of the projects listed on the Year 15/16 Capital Improvement Program (CIP).

Projects include but are not limited to:

Water - South Oceanside Downtown Waterline Replacement Project – upsized 7,500 linear feet (LF) of aged waterline; Grace Street Waterline Replacement Project – replaced 1,000 linear feet (LF) of aged waterline; Lake Boulevard Waterline Project – constructed 2,000 linear feet (LF) of 18-inch waterline to provide the south east portion of the City with an alternate water supply source; completed 90% of the R.A. Weese Water Filtration Plant Solids Handling Project which replaced all earthen solids handling ponds with concrete ponds and the ability to filter the backwash water and enable the plant to run more efficiently.

Sewer - San Luis Rey Water Filtration Plant – Major Upgrades Phase 1 which replaced twelve large diameter aeration tank valves, coating of the aeration tank influent channels, and seismic upgrades to the Gravity Belt Thickener Building; South Oceanside Downtown Sewer line Replacement Project – Upsized 6,800 linear feet (LF) of aged sewer line; Lake Boulevard Sewer line Project – Constructed 2,000 linear feet (LF) of 15-inch sewer line which relocated a gravity sewer from a water course crossing into the paved right away.

Recycled water - Recycled Water Conversion Project and Recycled Water Pipeline Project which converted the existing 10-inch brine line into a dedicated recycled water pipeline and constructed recycled water pipeline to the Goat Hill Golf Course and the El Corazon Sports Complex; Received certification from the Regional Water Quality Control Board (RWQCB) for the new Recycled Water Filling Station at the El Corazon Sports Complex; Obtained certification of the updated Recycled Water Design Manual from the Department of Environmental Health (DEH).

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Engineering Services for the Program/Project Management of Capital Improvement Plan
IEC-Ardurra

Long Beach Water Department (LBWD) 1800 E Wardlow Road Long Beach, CA 90807 Wendy Chen, PE - Manager of Engineering	**Services:** **Program/Project Management** **Start:** 10/2021 **Complete:** 09/31/2022 **Project Value:** $40 million	Amy Czajkowski, PE, CCM – Program Manager

Ardurra has been selected to provide engineering services for the program and project management of the Capital Improvement Plan (CIP) for the LBWD. LBWD is undertaking an aggressive CIP program that ranges from new well water supply projects to sewer pipeline and lateral replacements. LBWD anticipates a CIP budget for Fiscal Year 2022 of $40 million dollars which spans from October 1, 2021, to September 31, 2022. This is a large influx of projects over a short period of time. Ardurra will execute the individual CIP projects and assist in the overall CIP Program goals.

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Drake Soccer Field Project, City of Long Beach, CA
Relevance: Project Management

City of Long Beach/Public Works 1800 East Wardlow Road Long Beach, CA 90807 Eric O. Lopez; (562) 570-5690 eric.lopez@longbeach.gov	**Services:** **Project Management, Construction Management** **Start:** 06/2016 **Complete:** 08/2017 **Construction Cost:** $3.8 million	Omar Alameddine, EIT – Construction Manager Donna Sanabria – Documents Control Dustin Blackwell – Documents Control

Ardurra provided project and construction management services for completion of two new soccer fields, a basketball court, a parkway with trail, a parking lot, new lighting, and landscaping, including shade trees. Work on the eight-acre site involved demolition and grading, installing a park drainage system, concrete curbs, gutters, sidewalks, curb ramps, driveways, and paving asphalt surfaces. **In addition to providing the community with a new recreational area, the project conserved energy and reduced waste by:**

- Using bioswales for some of the landscaping along the edges of the soccer fields and pathway
- Using construction materials, at least 25 percent of which had been recycled.
- Planting drought-tolerant landscaping
- Installation of artificial turf for soccer fields/multi-use sports activity areas
- Installing energy-conserving field lighting
- Separating and recycling at least 60 percent of all construction debris

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As-Needed Project Management Services, City of Oceanside, CA		IEC-Ardurra
City of Oceanside **Water Utilities Department** 300 North Coast Highway Oceanside, CA 92054 Lindsay Leahy, PE Principal Water Engineer (760) 435-5913; lleahy@oceansideca.org	**Services:** **Program/Project Management** **Start:** 09/2018 **Complete:** Ongoing **Project Value:** $1,164,800	Amy Czajkowski, PE, CCM – Program Manager

Ardurra (formally known as IEC) is providing in-house project management services for the City of Oceanside Water Utilities Department to assist with the execution of several Capital Improvement Projects during the 18/19 and 19/20 Fiscal Years. Ardurra staff has assisted with the management of all phases of water, sewer, and recycled water projects, from the budgetary and planning phases, into design, and through construction and project close out. Management duties have included the development of project budgets and schedules; preparation of RFPs; proposal reviews and recommendations for consultant selection; close coordination with City Operations staff, inspectors, and other internal City staff and departments; management of consultants, contractors, and vendors; contract administration duties; preparation of Staff Reports and other reports for City committees, commission, and City Council Meetings; oversight of the CEQA and other regulatory compliance process; preparation of bid documents and technical specifications; bidding assistance, bid evaluations, and award recommendations; construction management and reviews of RFIs, submittals, Proposed Change Order Requests, Progress Payments, etc.; and management of emergency projects. Projects implemented by Ardurra staff during this contract include:

- Haymar Sewer Relocation Project
- Sewer Point Repair Program
- La Salina Wastewater Treatment Plant Gas Pipe Replacements
- Loma Alta Phase 2 Sewer Extension
- San Luis Rey Water Reclamation Facility Digester 3 Cleaning and Valve Replacement Project
- Water and Sewer Arc Flash Study
- Fallbrook Recycled Water Pipeline Condition Assessment
- Loretta Street Force Main Replacement
- Monica Circle Sewer Replacement
- Mission Basin Ground Water Purification Facility Wells Expansion and Brine Minimization Project
- Mission Basin Ground Water Purification Facility Wells Expansion and Brine Minimization Project
- Haymar Easement Protection
- Combined Sewer Forcemain
- 2020 Sewer System Management Plan (SSMP)
- El Corazon Kitchen Warranty
- Construction of the Henie Hills and John Paul Steiger Reservoir Repairs
- Morro Hills No. 2 Reservoir Warranty
- Harbor 3 Lift Station Rehabilitation Construction Project
- 2020 Urban Water Management Plan

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B – Contract Exceptions

As stipulated in the RFP, Ardurra understands that by submitting this proposal, Ardurra represents it will comply with the specifications and requirements of the RFP and any addenda. Ardurra takes no exceptions to the City's Professional Services Agreement.

C – Sample Work Products

As requested in the RFP, a sample work product is provided in a separate electronic file.

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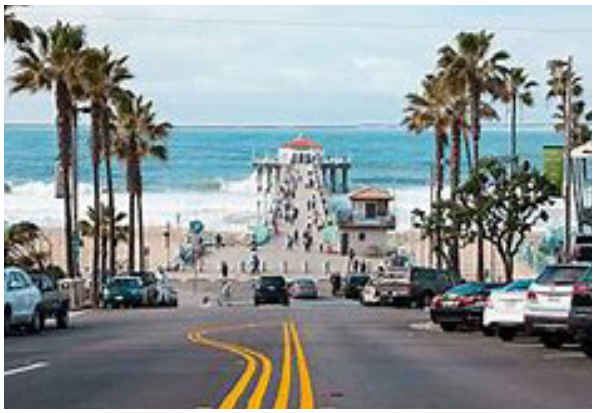
APPENDIX



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Appendix

Resumes

Required Forms

As requested in the RFP, we have provided the following signed forms:

- Appendix B: Non-Collusion (As requested in the RFP, we have inserted this form at the end of our Scope of Work section of this proposal.)
- Appendix C: Consultant's Acknowledgement of Insurance Compliance
- Appendix D: Certification of Proposal

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Dino D'Emilia, PE, F.ASCE, QSD | Ardurra — PM/CM Group Leader, Construction Services Manager

Education: BS/1991/Civil Engineering, Northeastern University, Boston, MA
Registrations: 1996/PE/CA #C55453
Certifications: Qualified SWPPP Developer (QSD), Qualified SWPPP Practitioner (QSP) OSHA 10-Hour Certification; Fellow, American Society of Civil Engineers
Years of Experience: Entered the profession in 1983

Ardurra's construction management practice leader, Dino D'Emilia, PE, F.ASCE, QSD has delivered public works infrastructure projects valued at more than $1 billion for public agency clients throughout Southern California, including the City of Burbank. A catalyst in the growth of Ardurra, Dino helps public agency clients minimize risk and maximize return on investment through direct project involvement and deep expertise in construction and project management. He is also recognized by peers and clients for his expertise in compliance with federal contract requirements and the Caltrans "Local Assistance Procedures Manual" (LAPM).

Dino has played critical roles on infrastructure projects to build, renew and upgrade freeways, pedestrian paths, city streets, transit centers, light rail, water mains, sewers, storm drains, greenbelts, soccer fields and recreation centers.

RELEVANT EXPERIENCE

Harrison Greenberg Foundation Roundhouse Beautification Project, City of Manhattan Beach, CA. Principal-in-charge and project manager for the $3.5-million expansion and renewal of the City's registered historic landmark, the Roundhouse Aquarium on the Manhattan Beach Pier. Managed all aspects of the project, including relocating the aquarium's ocean creatures to temporary shelter during construction, then back to the completed facility. Led a project management team made up of a marine biologist, an environmental services specialist, an architectural historian and support staff.

Strand Stairs Rehabilitation, City of Manhattan Beach, CA. Principal-in-charge for $1.7-million project to remove and replace staircases at eight locations. Ardurra provided construction management, inspection, federal fund administration, contract labor compliance and overseeing materials and soil testing. The project will also remove and replace concrete balustrades and repair stairs at 16 locations.

Oso Creek Multi-Use Trail, City of Laguna Niguel, CA. Principal-in-charge for Ardurra's construction management and inspection services for this $3-million project. The project constructed new contiguous bicycle and pedestrian and equestrian trails, landscaping, lighting and street improvements. The project also implemented storm water control and treatment best management practices (BMPs). Ardurra provided services to obtain grant funding from the OCTA Tier 2 Environmental Cleanup Program and State Water Resources Control Board Proposition 84 storm water program. The project was located along the Oso Creek Flood Channel between the Laguna Niguel Metrolink Station and Three Flags commercial center. The project area was partially on city right-of-way and partially on Orange County Flood Control District right-of-way.

Alamitos Beach Concession, City of Long Beach, CA. Principal-in-charge for the construction of a two-story beach concession stand/restaurant and two auxiliary buildings. Responsibilities include submittal review, meeting preparation, keeping RFI log up to date, logging and file inspection requests and reports, assist in preparing independent cost estimates and updating plan sheets. The City had become concerned that the Contractor would potentially be taking on too much work outside of his demonstrated expertise and improperly staffing the job to maintain both field and office progress. The City selected the Ardurra PM/CM team to assist the Contractor in keeping the project on track and able to deliver a successful project to the City. Ardurra provides documents control services to streamline the workload and lessen the budget needed to complete the project.

Recreation Center ADA Restroom Improvements, City of Fountain Valley, CA. Resident engineer providing construction management services for $525,000 in ADA-related restroom improvements and curb ramp modifications. Supported bid, award and contract execution process and contract administration. Monitored compliance with Davis-Bacon

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prevailing wage and Section 3 requirements. The project included removal (including asbestos), disposal and remodeling activities in toilet areas and locker rooms and the addition of new offices and storage space. This project was partially funded by a Community Development Block Grant (CDBG).

Boys & Girls Clubs ADA Improvements, City of Fountain Valley, CA. Principal-in-charge for project and construction management, compilation of bid documents, assistance with bid, award and contract execution, contract administration and inspection for this project involving ADA access improvements to a recreational facility. Improvements included ADA parking modifications, curb ramps, walls, railings and signage.

Torrance Transit Park and Ride Regional Terminal, City of Torrance, CA. Construction manager for delivery of this $21-million flagship terminal for the City's 11-route agency, Torrance Transit, and other public transportation providers. This LEED v2009 Gold project includes parking for buses and automobiles, covered passenger boarding areas, offices, employee break areas and retail spaces. The project also involves off-site improvements for the installation of required utilities, the widening of Crenshaw Boulevard and construction of an extension of 208th Street as well as related improvements.

Carson Street Master Plan Implementation, Carson Successor Agency, Carson, CA. Principal-in-charge overseeing Ardurra's construction management services for $19-million project. Construction made improvements to an area from the I-405 Freeway to Carson's western city limits near the I-110 Freeway. Improvements included drought-tolerant landscaping for parkways and medians; benches, bike racks and pedestrian-area lighting; public art; and entry monuments. Other additions include a traffic signal, reconfigured turn lanes, driveways rebuilt for ADA compliance and median LED lights.

Seaside Way Pedestrian Bridge, Tidelands Capital Improvements Division, City of Long Beach, CA. Principal-in-charge for construction of this $8-million, 605-foot-long pedestrian bridge located on East Seaside Way in downtown Long Beach. The bridge now connects the Long Beach Convention Center walkway near Pine Avenue to the Long Beach Performing Arts Center. A subconsultant on the project, Ardurra provided contract administration and inspections. This project was recognized with a 2018 Engineering Excellence Award at the state and local levels by the American Council of Engineering Companies of California.

Beachfront Pedestrian and Bicycle Path Project, Tidelands and Public Works Capital Programs, City of Long Beach, CA. Principal-in-charge for $7.5-million project to design and construct a 3.1-mile long and 11-foot-wide pedestrian path. The Ardurra team managed the design and plan review, obtained permits from the city and California Coastal Commission, and provided constructability reviews and specifications per City standards and format.

Broadway (SR-133) Streetscape Improvements (CIP Project No. 249), City of Laguna Beach, CA. Resident engineer for this $321,000 federally funded landscaping and scenic beautification project. Improvements included a storm drain, hardscape, landscaping and irrigation, public art, and enhancements for pedestrians along Broadway Street/SR-133 from Cliff Drive to Forest Avenue. This primary route between the city and the SR-73 and I-405 carries heavy traffic, is adjacent to the Laguna Canyon Channel and home to many businesses. The project required coordination with three artists, transit operations, the Orange County Flood Control District, Caltrans (for permits, inspection, and local assistance), businesses, residents and the Laguna Beach School District.

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Lisa M. Penna, PE, F.ASCE, QSD | Ardurra **Managing Principal**

Education:	BS/1986/Civil Engineering, California State University, Long Beach Post Graduate Coursework Wastewater Treatment/Water Resources
Registrations:	1998/PE/CA #59166; 1996/PE/NV #11473 (non-active) Qualified SWPPP Developer (QSD) Qualified SWPPP Practitioner (QSP) #59166
Professional Affiliations:	American Society of Civil Engineers (ASCE), Fellow American Public Works Association (APWA), Member American Council of Engineering Companies (ACEC), Orange County President-elect Past Educator, Rancho Santiago Community College, Public Works Program, Santa Ana, CA
Publications:	Stormwater Strategy, Civil Engineering, 2003
Awards and Recognition:	2020/ASCE Outstanding Civil Engineer in the Private Sector – in Recognition of Contributions to Civil Engineering 2016/APWA BEST Awards Top Leader of the Year in the Private Sector
Years of Experience	Entered the profession in 1983; Ardurra year of hire – 2009

Lisa M. Penna, PE, F.ASCE, QSD, Managing Principal of Ardurra's Public Works Division, brings broad experience in public works engineering, project/construction management. She has served in key technical and management roles in projects involving flood control, transportation, water, wastewater and environmental. Her experience includes planning, design, inspection, construction, and the development of short- and long-term capital improvement programs.

Lisa has worked with numerous Southern California local agencies, including the Cities of Laguna Beach, San Diego, Los Angeles, and Irvine. She also has extensive experience working with Caltrans, METRO, OCTA, OCSD, the Counties of Los Angeles and Orange and many cities and water districts throughout Southern California. In addition, her experience includes conceptual planning, environmental studies, preliminary engineering, plans, specifications and estimates, and construction management of roadways, drainage and flood control, wastewater and urban runoff and hydraulic modeling. During her career, Lisa has engaged in the planning, design, and construction of millions of dollars in public works projects.

Through Lisa's experience with local capital projects and project/program management, she is knowledgeable in NEPA and CEQA requirements, federal grant requirements, Green Book and APWA standards and many public agency policies and procedures. Lisa has actively participated in the Public Works education program at Santiago Canyon College in Orange, CA, where she has taught several courses and contributed to the development of the curriculum. Lisa served as deputy city engineer for the City of Seal Beach between 1993 and 1995, assistant city engineer for the City of Laguna Beach from 1998 to 2000, as deputy city engineer for the City of Dana Point from 2000 to 2002 and as CIP program manager for Laguna Beach from 2009 to 2013, helping the City deliver more than $10 million in capital projects.

Laguna Canyon Channel, City of Laguna Beach, CA. Project manager for planning, design, and construction of the Laguna Canyon Channel Improvements project, which is just upstream from Beach Street to the ocean outlet (approx. 1,000 linear feet). The project involves reconstruction of some portions of the channel for capacity enhancements, replacement of deteriorated portions of the 87-year-old structure and rehabilitation of other portions of the channel along this reach to repair spalling and exposed reinforcing. Project management services include developing and managing a work plan for all phases of the project, which involved obtaining proposals from other consultants who performed the preliminary engineering, design, environmental documentation, permit processing, and construction management and overseeing the work of these consultants. Preparing all necessary reports to the Planning Commission and City Council for the various approvals of the project and for award of contracts. The main objectives of the project are to increase the facility's capacity and to rehabilitate

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portions of the deteriorated 1928 era reinforced concrete box. The City has programmed funding for the design and construction of improvements.

Building/Safety and Engineering and Inspection, On-call A/E Services for Orange County Development Services, Orange County, CA. Principal-in-charge for this as-needed engineering plan check review and inspection services contract with the County of Orange. The contract term is three years, renewable for another two years upon approval of the County Board of Supervisors. Plan check review services address planning applications, tract maps, subdivision improvements, grading and building plans and other associated development plans and reports. Inspection services involve both public and private construction projects, including buildings, grading and infrastructure; building and safety plan reviews, approved plans and issued permits.

Leadership Center, Girl Scouts of Orange County, Newport Beach, CA. Principal-in-charge for this $2.7-million project to construct a 6,100-square-foot waterfront leadership center in Newport Beach's Marina Park. The LEED Silver building is in a new public park, complete with a community center and sailing center. Ardurra managed community relations and assisted the Girl Scout chapter with public outreach activities, such as monthly resident notification flyers to keep the public informed of the project status, schedule, and any construction-related impacts.

On-call Civil Engineering and Project Management, City of Long Beach, CA. Principal-in-charge for this contract for municipal engineering services. Ardurra has provided plans, specifications, and cost estimates for more than $15 million in public works improvements since 2009.

Roadway Improvements, Crest de Ville Homeowners Association, Laguna Niguel, CA. Principal-in-charge overseeing development of plans, specifications, and cost estimates for the rehabilitation of more than 5,600 feet of roadway.

Grade Separation Design Review, Orange County Transportation Authority (OCTA), Orange County, CA. Conducted constructability reviews of the utility's plans, specifications and estimates for five grade separation projects with a combined cost of $300 million. The grade separations were within the BNSF/Metrolink Corridor through Placentia, Fullerton, and Anaheim.

Capital Improvement Program Management, City of Newport Beach, CA. Project manager for multiple capital projects and policies, including an ADA transition plan, standards updates, Pacific Coast Highway relinquishment, signal maintenance contract oversight, a street lighting policy review, CIP master scheduling, wastewater master plan review and a plan review of the Civic Center project.

Laguna Beach Capital Program Management, City of Laguna Beach, CA. Project manager for multiple capital improvement projects. Examples include: the South Laguna Streetscape, Main Beach Park Boardwalk, North Laguna Alley Rehabilitation, Circle Way Storm Drain and Stair Repair, Main Beach Stairs, Laguna Canyon Channel Rehabilitation, Bonn Drive Terrace Drain Replacement, City Hall Slope Stabilization and Energy Efficiency projects. Several projects required compliance with the Caltrans Local Assistance Procedures Manual and federal funding requirements.

White Avenue Rehabilitation, City of Pomona, CA. Project consultant and staff support for this federally funded project. Responsibilities included preparing a construction management RFP, selecting the CM consultant, and presenting the CM contract to the City Council for approval.

South Laguna Streetscape and Pedestrian Improvements, City of Laguna Beach, CA. Project manager for this $2-million project that received a grant from the Transportation Facilities Economic Assistance and Development (TEA) program. Duties included planning, design, CEQA/NEPA compliance, grant funding, traffic engineering, right-of-way engineering, landscape architecture, serving as community liaison and construction management. The project constructed sidewalks, installed decorative street lighting, street trees and tree wells, bus benches, trash receptacles, drinking fountains, bike racks, new medians, reclaimed water service and utility coordination. The project was located along Pacific Coast Highway (SR-1) and required extensive coordination with Caltrans District 12 for encroachment permit compliance.

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Stephen G. Badum, PE | Ardurra Program Manager

Education:	MPA/1997/Public Administration, California State University, Long Beach BS/1980/Civil Engineering/ University of MA, Amherst
Registration:	1983/PE/Civil/CA #C36106
Professional Affiliations:	American Society of Civil Engineers; American Public Works Association; International City Managers Association
Years of Experience:	Entered the profession in 1980

Stephen G. Badum, PE, is Ardurra's Municipal Services Group Manager. He brings more than 30 years of experience in the field of municipal management and engineering. With a focus on capital improvements, Steve's extensive project background covers all facets of public works administration and management, engineering planning and design. Steve retired in 2015 as the Assistant City Manager for the City of Newport Beach, where he worked with all City departments to improve and streamline City services. Steve's career at the City also included serving as public works director.

RELEVANT EXPERIENCE

On-call City Engineering Services, City of Signal Hill, CA. Currently under a multi-year contract reporting to the public works director and serving as City Engineer providing capital improvement program management, development services review, assessment district program management, preliminary engineering, capital project planning, budgeting and scheduling, permit and grant administration and general engineering support services with a team of seasoned municipal managers, engineers, designers, project managers, construction managers and inspectors.

Capital Improvement Projects, Orange County Public Works, Orange County, CA. Contract manager for as-needed project management services for capital improvements throughout Orange County. Current projects include the El Cajon Bikeway and Carbon Canyon Channel Bikeway. Future projects under this contract may include bikeway, bridge, storm drain and sidewalk improvements, and other potential projects under the jurisdiction of OC Public Works.

Newport Beach Civic Center, Library and Park Improvements, City of Newport Beach, CA. Project manager for the $140-million design and construction of today's Newport Beach Civic Center, library and park improvements. It remains one of the city's most ambitious and successful capital improvement projects. The project involved construction of a new 99,800-square-foot City Hall Building, council chambers, a 17,000-square-foot library expansion, a 15-acre park and a 450-space two-story parking structure. Other work included on-site water, sewer and electrical systems, a storm drainage system, and extensive facility related improvements.

On-call Municipal Engineering Services, Opportunity Studies Area (OSA) Projects, City of Lake Forest, CA. Management contact for this $3.6-million project involving a multi-year contract with the City to provide services for capital improvement project design, general municipal engineering, public works encroachment permit inspections, construction management and inspection, and water quality program management.

Assistant City Manager, City of Newport Beach, CA. Responsible for overseeing City operation departments including Public Works, Community Development, and Municipal Operations Departments. Assisted the City Manager in developing the City budget, policy, programs and strategic planning. Worked with City Council members, Commissioners, committee members and community members to address and resolve community problems and issues in a dynamic environment. Performed special projects such as the construction management of the Civic Center and Park project and implemented the West Newport Facilities Program. Provided organization analysis and development for the City administration and programs.

Public Works Director, City of Newport Beach, CA. Directed Public Works Department, including a Capital Improvement Program of more than $60 million. Other responsibilities included grant development, personnel issues, and reviewing, investigating resolving City Council and citizen issues.

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Omar Alameddine, EIT — Construction Manager

Education: BS/2009/Civil Engineering/California State Polytechnic University, Pomona
Registration: EIT/CA #151070
Years of Experience: Entered the profession in 2006

Omar Alameddine, EIT, brings an extensive background in construction management and inspection on public works projects. Omar has delivered projects to renew city streets and freeways, applying his firm grasp of Caltrans and Greenbook standards. He has also managed and inspected construction of recreational facilities such as soccer fields, public parks and a dog park, public facilities, domestic water, sewer, and drainage improvements.

RELEVANT EXPERIENCE

APWA Awarding Winning - Firestone Boulevard Regional Corridor Capacity Enhancements, Project No. 476-TRF, City of South Gate, CA. Assistant construction manager/lead inspector for a $20-million project to improve three segments of Firestone Boulevard. The improvements will both increase traffic capacity and improve the road's appearance. Ensures project compliance with plans and specs. Observes utility potholing, traffic control and storm water practices. Maintains personnel and equipment logs. Negotiated and reviewed potential change orders, orchestrated utility coordination and collaborated with City staff.

Strand Stairs Rehabilitation, City of Manhattan Beach, CA. Assistant construction manager/lead inspector for a $1.7-million project to renew or replace several concrete staircases connecting the Strand, the City's oceanfront walkway on a bluff, to the beach below. Inspected stairway demolition, repair and reconstruction, concrete placement, balustrade and handrail installation. Processed requests for information, change orders and submittal responses.

13th Street Sewer Rehabilitation, City of Manhattan Beach, CA. Inspector for a $250,000 project initiated as a follow-up to a major sewer rehabilitation. Inspections addressed installation of a sewer main, house laterals and manholes. Inspected concrete work, including construction of two ADA-compliant ramps.

Signal Hill Dog Park, City of Signal Hill, CA. Construction manager overseeing the $662,000 construction of a community dog park with a parking lot, artificial turf, landscaping, and sidewalks. Collaborated with the City's inspector and public works director. Provided public relations support in the field. Participated in progress meetings; ensured safe conditions and compliance with plans and specifications.

Drake Soccer Field Project, City of Long Beach, CA. Construction manager for the $3.8-million completion of a parking lot, two soccer fields, a basketball court, parkway with trail, new lighting, and landscaping. In addition to providing the community with a new recreational area, the project conserved energy and reduced waste by using recycled construction materials, drought-tolerant landscaping, and separating and recycling at least 60 percent of construction debris.

Antonio Parkway/Santa Margarita Parkway Rehabilitation, City of Rancho Santa Margarita, CA. Construction manager for the $834,000 federally funded rehabilitation of two busy arterials. The project resurfaced a portion of Antonio Parkway and made improvements to Santa Margarita Parkway's eastbound lanes. Ensured compliance with federal, DBE and labor compliance requirements.

Carson Street Masterplan, City of Carson, CA. Interim construction manager for a $19-million overhaul of a 1.75-mile stretch of Carson Street, between the I-110 and I-405 Freeways. The project was part of far-reaching renewal efforts under the City's master plan. Upgrades included concrete monuments, resurfaced pavement, reconfigured turn lanes and new traffic signals. The project improved Carson Street's appearance with colorful drought-tolerant landscaping, wider paver accented sidewalks, new pedestrian lighting, - outdoor benches, and bike racks.

Crenshaw Boulevard Rehabilitation (Sepulveda Boulevard to Skypark Drive and Pacific Coast Highway to South City Limit, City of Torrance, CA. Inspector for a $3.8-million project to renew one of the city's busiest streets. Inspected and monitored removal and replacement of curb and gutter, sidewalks, and pavement. Repaving entailed a grind and overlay and constructing a stamped-concrete road surface.

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Lisette Bice, PE, QSD, ENV SP | Ardurra — Project Manager

Education:	BS/2004/Civil Engineering/ California State University, Long Beach
Registrations:	2014/PE/Civil Engineering/CA #83157
Certifications:	Qualified SWPPP Developer (QSD); Qualified SWPPP Practitioner (QSP) #83157
Professional Affiliations:	American Society of Civil Engineers (ASCE), Coasts, Oceans, Ports and Rivers Institute; American Public Works Association (APWA)
Years of Experience:	Entered the profession in 2004

Lisette Bice, PE, QSD, ENV SP is a dedicated civil engineer highly skilled in all phases of public works engineering projects. Lisette's expertise includes planning and design of streets, right-of-way engineering, pedestrian and cyclist safety improvements, grading, sewer, water, and storm drains, identifying seismic and geometric deficiencies, preparing erosion control plans, SWPPP and permitting. As project manager, Lisette has been responsible for the preparation of street rehabilitation plans and drainage improvements for numerous cities throughout Los Angeles County and for the Port of Los Angeles (POLA). She successfully completes projects within budget and on schedule.

Lisette is a forward-thinking professional engineer and extremely capable of identifying public works infrastructure design issues and resourcefully providing environmentally conscious and cost-effective solutions. Lisette is committed to building and maintaining strong client and stakeholder relationships through effective communication skills. Responsibilities and expertise include the following:

- Manages major public works infrastructure projects and professionally coordinates stakeholders and complicated interdisciplinary management
- Supervises/prepares engineering plans, specifications, and estimate (PS&E) for grading, utilities, road widening and site plan projects
- Identifies project issues and develops solutions with clients, stakeholders, contractors and subconsultants
- Negotiates scopes and fees, develops and processes change orders, monitors budget, and schedules and ensures timely invoicing
- Facilitates and presents project information at community meetings, conferences, and governmental agencies
- Develops on-going marketing plans and remains actively engaged in technical proposal writing
- Performs civil design calculations (i.e., grading, drainage, utility design, etc.)
- Manages project staff and mentors junior design staff in basic engineering procedures and techniques

RELEVANT EXPERIENCE

Tidelands/Public Works Capital Improvement Projects, City of Long Beach, CA. Project manager overseeing task order assignments issued under contract for as-needed engineering services.

Citywide Capital Improvement Projects, City of Long Beach, CA. Project manager for contract to advance City capital projects. Assigned manager for the $3-million Delta Bike Boulevard Project involving Class II and III bike lanes, shared lane markings, traffic circles, and other road modifications. Leading the $6-million 8 to 80 Project to create facilities to improve safety and remove barriers to walking.

Long Beach Market Place, Private Investment Firm, Long Beach, CA.* Project manager responsible for developing plans for Long Beach Market Place.

**Work performed prior to joining Ardurra*

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Amy Czajkowski, PE, CCM | Ardurra — Project Manager

Education:	BS/1982/Civil Engineering/Virginia Polytechnic Institute and State University, VA
Registrations:	1999/PE/Civil Engineering/CA # C59082
Certifications:	CMCI Certified Construction Manager (A1762) California Stormwater Quality Association (CASQA) Qualified SWPPP Developer (QSD) Certification #24758
Professional Affiliations:	Construction Management Association of America Member American Water Works Association San Diego County Water Works Group American Council of Engineering Companies of California American Society of Civil Engineers, Pipeline and Environmental Group, President, 2002-2003
Awards and Recognition:	West Lift Station Force Main – CWEA Twin Oaks Reservoir – ASCE/APWA/CELSOC Lake San Marcos Lift Station – APWA/CWEA Loretta Street Waterline Replacement – APWA/ASCE
Years of Experience	Entered the profession in 1993; Ardurra-IEC year of hire – 2003

In her 28 years of serving water districts, municipalities, and purveyors, Amy Czajkowski PE, CCM, has gained recognition for system planning, design engineering, and construction management of public water and wastewater infrastructure projects. Acting as an extension of agency staff, Amy has applied her expertise to municipal utility departments and water districts through As-Needed Service Agreements. Acting on behalf of the department or district, she conducted studies and designs, prepared improvement projects, managed consultant projects, coordinated maintenance activities, and inspected, checked and reviewed plans and designs. Studies Amy has conducted include siting of pipeline and facilities, and energy pumping analysis. Designs have consisted of emergency repair and replacement, and small works projects. Amy has developed disinfection programs and managed on-site capital improvement projects. Amy's "as-needed" service to clients has afforded her a unique user/operator perspective in planning and designing water and wastewater infrastructure projects for municipalities and districts.

RELEVANT EXPERIENCE

Engineering Services for the Program/Project Management of Capital Improvement Plan, Long Beach Water Department (LBWD), Long Beach, CA. Program manager responsible for delivering engineering services for the program and project management of the Capital Improvement Plan (CIP) for the LBWD. LBWD is undertaking an aggressive CIP program that ranges from new well water supply projects to sewer pipeline and lateral replacements. LBWD anticipates a CIP budget for Fiscal Year 2022 of $40 million dollars which spans from October 1, 2021, to September 31, 2022. This is a large influx of projects over a short period of time. Ardurra will execute the individual CIP projects and assist in the overall CIP Program goals.

Near Term Water Supply & CIP, Elsinore Valley Municipal Water District, CA. Program manager for more than 40 CIP construction management and design projects ranging in construction value from $300,000 to $10 million. The CIP execution rate was over 90% and all projects were completed on time and with an overall 2% change order rate. (2016-2019)

CIP Management (Construction Management and Design), City of Oceanside, CA. CIP manager responsible for the preparation of 15+ in-house designs, RFP preparation, managing consultant contracts, preparation of Staff Reports and other Council documents, and other functions to complete projects lists on the FY 15/16 CIP. (2012-2016)

On-call Project Management Support Services, Coachella Valley Water District (District), CA. Program manager responsible for providing program management support for the District that involved leading projects, managing, and

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prioritizing projects within the CIP program in order to improve the District's execution rate for the fiscal year. Responsible for ensuring all grant compliance and monitoring functions are completed for CVWD from the following programs: Clean Water State Revolving Fund (CWSRF), Drinking Water State Revolving Fund (DWSRF), California Green Project Reserve funded projects, Bureau of Reclamation projects, and the Department of Water Resources. Additionally, ensured that all quarterly and grant reporting requirements are submitted on time and with exceptional detail and information. (2017-2019)

Stormwater Management, Various Projects, San Diego County, CA. Project manager during the planning, design, and construction implementation phases of various projects throughout San Diego County. Managed all aspects of stormwater design services and compliance with stormwater related permits and programs and provides consulting to municipalities on compliance issues related to stormwater permits and water quality issues. The following is a brief list of her stormwater management experience:

- Legally Responsible Party (LRP) for the City of Oceanside Water Utilities Department
- Design Manager for the 511 Pump Station Design Build including stormwater management design to ensure flows did not enter the San Luis Rey River
- City of San Diego Miramar Clearwell Drainage and Stormwater Management – Assisted in the completion of the SUSUMP and design of the HMP facilities
- City of Oceanside – Analysis of RWQCB Order No. R9-2013-0001 and the cost and compliance effort. In addition, an analysis of groundwater discharges and fire flow discharges as co-permittee were analyzed
- Analysis of overall monitoring plan equipment needed to monitor construction for all City's CIP projects including pipelines, grading, groundwater wells, and other miscellaneous municipal projects

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Brad Fowler, PE | Ardurra Project Manager

Education:	MS/Financial Management/U.S. Naval Postgraduate School, Monterey, CA BS/Civil Engineering/University of Southern California
Registration:	PE/Civil/CA #29168
Awards and Recognition:	Government Engineer of the Year, ASCE; OC ASCE/OC Engineering Council Award, Pacific Coast Highway/Del Prado Street Improvements; Orange County ASCE Award, Sea Terrace Park; OC ASCE Award, Tri-City Water Savers; Helen Putnam Project of the Year Award,
Years of Experience:	Entered the profession in 1985

Brad Fowler, PE, is a senior civil engineer, program and project manager with a successful career leading public works programs for cities and the military. Brad has managed operations, maintenance and capital improvement programs. As an owner's representative, Brad has managed large-scale construction and design projects valued at up to $150 million. He has reviewed development projects and specific plans from concept and environmental through project completion. Brad also brings in-depth expertise in "complete streets" and water quality.

In working with 11 different organizations, Brad has served as Director of Public Works and Engineering Services for three public works departments and Assistant Public Works Director at another as well as operational constructor and construction manager in five other assignments. In three of these public works assignments, he significantly changed the organization to reduce costs by as much as 15 percent and improved efficiency, most recently with Dana Point and Westminster. In the City of Dana Point, significant cost reductions were achieved through privatization, in-house staff reduction, reorganization of functions, grant acquisition, task evaluation and operational adjustments.

RELEVANT EXPERIENCE

OC Public Works Capital Improvement Projects, County of Orange, CA Contract Senior Project Manager supporting a variety of capital improvements involving such assets as the El Cajon Bikeway and Carbon Canyon Channel Bikeway. Responsibilities encompass all facets of CIP management, including developing project scopes, schedules and budgets. Develops project management workflows and processes. Facilitates communication with project stakeholders, including public agencies, utilities, and environmental regulators.

Interim Public Works Director Services, City of Yorba Linda, CA. Provided transitional assistance for the new public works director and assisted the City with the management of LMAD program. Carried out assignments, as needed, outside of normal business hours such as City Council or Commission meetings, public workshops or meetings and special events.

Director of Public Works, City of Dana Point, CA. Managed 17 employees, 43 maintenance service contracts, a $7-million annual operations and maintenance budget and a CIP budget of up to $17 million annually.

Director of Public Works, City of Westminster, CA. Managed 70 employees, 23 maintenance service contracts, an annual operations and maintenance budget of $15 million and a CIP budget exceeding $10 million annually.

Assistant Chief of Staff, U.S. Marine Corps Air Stations, Lake Forest, CA and Western U.S. Public works director and general's staff engineer for five Marine Corps air stations. Managed 500 civilian employees and multiple contracts to operate and maintain $4 billion in facilities and infrastructure, an annual operations and maintenance budget of $70 million and an annual capital improvements budget of $30 million. Oversaw infrastructure and buildings maintenance and water, sewer and electrical operations and maintenance. Responsible for engineering, streets, landscaping, environmental compliance and hazardous materials control. Retired as a U.S. Navy captain.

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Mark Lewis, PE, TE | Ardurra — Project Manager

Education:	BS/1986/Civil Engineering/California State University, Long Beach
Registrations:	1992/PE/Civil/CA # C49335 1992/TE/Traffic/CA # TR1637 2001/PE/Traffic Operations Engineer/CA # 661
Professional Affiliations:	American Society of Civil Engineers; American Public Works Association; Institute of Transportation Engineers; American Water Works Association; City Engineers Association of Orange County; League of California Cities Public Works Officers Institute
Awards and Recognition:	2019 APWA Southern California Top Leader Public Sector
Years of Experience:	Entered the profession in 1985

Mark Lewis, PE, TE, is an accomplished public works leader with 34 years of engineering experience. Mark's ambitious career with the City of Fountain Valley (City) spans those 34 years, commencing as a college intern and advancing to his most recent position as director of public works/city engineer for the last 13 years. Mark has extensive familiarity, knowledge and progressive management expertise in strategic planning, operational efficiency, financial planning and human resources management. He applies an innovative approach in these key areas in addition to communication, funding procurement, asset management, capital improvement program development and implementation, project management and intergovernmental relations to deliver cost-saving solutions to all his projects. Mark has secured more than $60 million of local, federal and state grants to fund a capital program that resulted in the City being known for its high-quality streets, world class sports park and recreational center.

RELEVANT EXPERIENCE

Randall Avenue Improvements, City of Rialto, CA. Project manager conducting a technical review of this recent roadway improvement project. The review will address such project aspects as striping, channelization, signing, and traffic signal alignment, as well as ADA compliance. The review will also include the transition at an existing drainage channel on Randall Avenue and its intersection with two other avenues. Activities will include reviewing project documentation, visiting the site, and preparing draft and final reports with technical recommendations and estimated costs.

On-call Municipal Engineering Services, City of Lake Forest, CA. Provides traffic and transportation engineering for Ardurra's multi-year contract with the City Public Works Department.

Director of Public Works/City Engineer, City of Fountain Valley, Fountain Valley, CA. Responsible for overseeing the daily operation of 76 (now 59) full time employees, multiple contract maintenance service agreements, an annual $7-million general operating budget, an $11-million water utility operating budget and a capital improvement budget that ranged from $10 to $20 million annually. The City is a full-service city with a population over 55,000. There are 220 full time employees, up to nearly 100 part time employees and an annual $44-million general fund operating budget. The City delivers high quality, fiscally responsible public services that feature strong public safety, well maintained public infrastructure, progressive business development to preserve and enhance City revenues, diverse community programs and a high quality of life in the City's neighborhoods.

City Engineer/Traffic Engineer, City of Fountain Valley, Fountain Valley, CA. Responsible for overseeing a daily operation that included ten full time employees, multiple professional service and contract maintenance service agreements, a general $1-million operating budget and $12-million capital improvement budget. Secured millions of dollars in Measure M, state, and federal funding for transportation. Introduced a citywide Geographic Information System (GIS). Developed comprehensive updates to public infrastructure master plans for water, sewer, drainage and streets including financial plans and user rates. Continued development of a state-of-the-art Traffic Management System.

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Robert Merrell, PE | Ardurra Sr. Project Manager

Education: BS/1974/Civil Engineering/California State University, Long Beach
Registration: 1976/ PE/CA #28100
Years of Experience: Entered the profession in 1973; Ardurra year of hire – 2013

Robert "Bob" Merrell, PE has an extensive career of more than 40 years in project design and construction management for public works improvements. His expertise includes design management and right-of-way coordination for projects involving the rehabilitation or widening of major arterials and collector streets, construction of storm drain facilities and improvements to community parks. Specific areas of expertise include storm drain facilities, regional channel improvements including a large debris dam, major arterial and collector street widening, railroad grade separations, freeway improvements and bridge projects. On behalf of cities throughout Southern California, he has also served as construction manager and inspector for various public works projects and as the engineer of record to advance the formation and use of community facilities and assessment districts.

RELEVANT EXPERIENCE

Storm Drain and Sanitary Sewer

Jasmine Storm Drain, City of Laguna Beach, CA. Project manager for the preparation of the conceptual and final design, then final PS&E, for the Jasmine Street storm drain improvements. The recommended alignment accomplished the following: allowed for intercepting the upstream-most canyon culvert outlet that emptied onto private property; collects runoff on an interim basis from the adjacent drainage basin; and takes advantage of the existing downstream culverts which outlet directly to the beach. The project included a hydrologic and hydraulic analysis of the Jasmine Drainage Basin as well as the adjacent easterly and westerly drainage basins. Pipe jacking was required across Coast Highway to minimize traffic disruptions and an Encroachment Permit was required from Caltrans.

2017 Sanitary Sewer Facilities Rehabilitation Project, No. 50150, City of Redondo Beach, CA. Construction manager/inspector for $3.3 million project to replace 6,000 linear feet (1.13 miles) of sewer mainline and laterals. In use for decades, the City's targeted vitrified clay pipe (VCP) mainline, service laterals and manholes had outlasted their depreciable lifespan and were in dire need of replacement. The project took about five months and affected both residential and busy arterial streets. To ensure a smooth process, Ardurra's primary services centered on traffic control, (especially for work which affected Pacific Coast Highway), public relations, public safety, utility coordination as well as ensuring that all work conformed to the project plans and specifications. (08/2017-03/2018)

Urban Runoff Diversion and Sewer Connection at Gaviota Drive, City of Laguna Beach, CA. Project manager and construction manager and inspector for the federally funded Gaviota Drive Urban Runoff Diversion, which was located on Gaviota Drive between Brooks Street and Oak Street just south of Coast Highway. Services were provided in accordance with federal standards and requirements. The project comprised of storm drain, a large CDS unit, diversion improvements and the sewer connection.

On-call Civil Engineering (Storm Drain), City of Long Beach, CA. Drainage manager for the preparation of plans, specifications and cost estimates (PS&E) for more than $15 million in improvements since 2009 and is continuing to work with the City. Storm drain projects included in this on-call contract are located on Seaside Way, Lew Davis Street and 6th Street. (2009 - ongoing)

- **6th Street Storm Drain.** Drainage manager for the final design of this key relief storm drain system in the City of Long Beach. The project included an extensive potholing effort, hydrology, hydraulics, traffic control and obtaining encroachment permits from the County.
- **Seaside Way Storm Drain.** Drainage manager for preparing storm drain construction documents for a deficiency-correction project near the coastal portion of downtown Long Beach. The project was necessitated after severe flooding

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in 2017, including the flooding of several underground parking structures. In conjunction with this project, Ardurra was successful in obtaining FEMA emergency funding for the project. The project entailed the design of a 48-inch RCP to parallel the existing 57-inch storm drain. A significant amount of potholing was required to identify existing vertical and horizontal utility alignments.

Point Vicente Interpretive Center Expansion and Sanitary Sewer Force Main, City of Rancho Palos Verdes, CA. Project manager and construction manager responsible for the design, preparation of the civil plans and construction management for the building and site improvements for the expansion of the PVIC complex. In addition to the building remodel and expansion, extensive improvements were made to the storm drain system and parking areas. The sanitary sewer force main was modified to accommodate the complex expansion.

Platinum Triangle Master Land Use Plan, Sewer and Drainage Studies, City of Anaheim, CA. Project manager responsible for the plan preparation, sewer and drainage studies for the City of Anaheim. Prior to approving the Platinum Triangle Master Land Use Plan (PTMLUP), the Department of Public Works needed to study the impacts on regional and local sanitary sewer and storm drainage facilities. The project consisted of researching existing data regarding current sewer and storm drain master plans, facilities and requirements. Updating and modeling the sewer and storm drain facilities for the area were completed to determine the areas of local benefits for individual facilities. Finally, mitigations were developed for future developments concerning identified sewer and storm drain deficiencies.

Miraleste Plaza Storm Drain, City of Rancho Palos Verdes, CA. Project manager and construction manager for the design and construction management of the installation of the Miraleste Plaza storm drain. The project included the installation of new storm drain replacing an undersized and deteriorating system previously constructed in the early 1950s. The work involved designing the system within a confined right of way and through many interfering utilities.

Westminster Avenue Storm Drain Study, City of Seal Beach, CA. Drainage engineer for the preparation of calculations and a report to determine the adequate size to convert an existing trapezoidal open channel drainage facility to a closed conduit storm drain system. Project included hydrologic and hydraulic analyses, extensive fieldwork, evaluating various alternatives, cost estimates, and recommendations. Provided hydrology review and quality assurance/quality control for preparing calculations and a report to determine the adequate size of an existing storm drain trapezoidal open channel drainage facility to a closed drainage facility.

Storm Drain System Engineering Peer Review for the Naples Sea Walls, City of Long Beach, CA. Design peer review of the project drainage system and providing an opinion of the system's fitness for its intended purpose, practicality for maintenance and constructability. Ardurra provided full-time on-site inspection and part-time management and support services to assist the Tidelands CIP Officer through the completion of the construction activities, determination of acceptability of constructed improvements and appropriate remedies. Ardurra also provided review of project documentation to assist with claims avoidance and resolution.

Various Drainage and Grading Improvements, Air Force Plant 42, City of Palmdale, CA. Project manager responsible for various drainage and grading improvements within the Air Force Base. To bring the airfield into compliance with current lateral clearance requirements, several projects included re-grading the runway infields and undergrounding surface drainage. In addition to the installation of underground facilities, a flow-by peak flow reduction element was designed and constructed. The side-weir and storage basin construction increased the theoretical flood protection frequency to an acceptable level when most of the existing infrastructure provided less than ten-year recurrence capacity.

Overall Base Civil Improvements, Los Angeles Air Force Base, Los Angeles, CA. Project manager responsible for the plan preparation for the Los Angeles Air Force Base. The project consisted of preparing roadway, drainage and utility plans for most of the interior streets and parking lots for the Los Angeles Air Force Base. The work involved realignments and upgrades to address capacity and ADA deficiencies across the military complex.

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Street Improvements

I-405 Freeway Widening, Plan Review and Inspection, City of Westminster, CA. Project manager performing plan checking and inspection services on work within the City's right-of-way. Elements of the project include: adding general-purpose, toll express, and various auxiliary lanes; reconfiguration of interchanges and ADA-compliant ramps including 23 new or replacement crossroad/ramp bridges; one pedestrian bridge; seven bridge widenings; soundwalls and arterial street improvements. As part of the project, the team will review all project documents for roadways and interchanges that affect City improvements.

Safe Routes to Schools (SRTS) Pedestrian Improvements at Four Schools, City of Santa Monica, CA. Project manager for engineering design services for the City of Santa Monica's Safe Routes to School (SRTS) Pedestrian program, which includes SRTS improvements at four schools: John Adams and Lincoln Middle Schools, Roosevelt Elementary School, and the Will Rogers Learning Community. The improvements include curb extensions (bulbouts), upgraded crosswalks, rectangular rapid flashing beacons and revised traffic signal operations. The City is utilizing Capital Improvement Project (CIP) Funds to implement the improvements.

McBean Parkway Median Alignment, City of Santa Clarita, CA. Project manager for the preparation of an updated concept plan, final plans, technical specifications and estimate (PS&E) for proposed street improvements of the McBean Parkway, a major six-lane arterial highway in the City of Santa Clarita that extends from Interstate 5 (I-5) on the west to Copper Hill Drive on the east with a posted speed limit of 45 mph within the project limits.

Palos Verdes Drive East Safety Improvements, City of Rancho Palos Verdes, CA. Project manager for development of roadway plan and profiles, drainage details, typical sections and cross-sections. Designed and prepared construction plans, specifications and estimates for safety improvements for Palos Verdes Drive East at Bronco. The federally funded project provided an off-road corridor for equestrian use and widened the curb lane to accommodate bicycle traffic.

On-call Civil Engineering (Roadway), City of Long Beach, CA. QA/QC manager for the preparation of plans, specifications and cost estimates for more than $15 million in improvements since 2009 and is continuing to work with the City until at least 2017. The projects have encompassed roadway, parking lot, traffic, storm drain, lighting and landscape improvements and focused on many of the major roadways within the City including Market Street, Alamitos Avenue, Ximeno Avenue, Redondo Avenue, Atlantic Avenue, Pacific Coast Highway, Spring Street, Long Beach Boulevard, Carson Street, Los Coyotes Diagonal and Wardlow Street. (2009 – 2018 ongoing)

- **Market Street Pedestrian and Streetscape Enhancements Project, (LA River to Cherry Avenue).** QA/QC manager for drainage design of a pedestrian and streetscape enhancement project on Market Street between the LA River and Cherry Avenue, an approximately 1.9-mile stretch of the corridor. The project consists of complete street improvements including Class II/IV bike lanes and other new bike/pedestrian facilities, bulbouts, wayfinding signage, sidewalk widening, crosswalk and transit stop enhancements, construction/reconstruction of curb ramps for ADA compliance, repairing sidewalks, curbs, and gutters, reconstructing/ resurfacing roadway pavement, pedestrian lighting, traffic signal installation/upgrades, flashing beacons, landscaping and street trees, removing/relocating obstructions and utilities, and miscellaneous sustainable design features for improved mobility and safety.

Del Cerro Park/Burma Road Entrance to Palos Verdes Nature Preserve ADA Access Improvements, City of Rancho Palos Verdes, CA. Project manager for design engineering services to complete the City's ADA access improvements for the Del Cerro Park area near the Palos Verdes Nature Preserve. The project involved removing natural physical impediments to provide unobstructed mobility and access for the elderly and severely disabled adults. The CDBG program funded this project. The project entailed the construction of three ADA curb ramps, including curb and gutter along the ramps as well as 800 feet of new sidewalk to create pedestrian linkage to the PV Nature Preserve entrance. These improvements are constructed along Crenshaw Boulevard/Burma Road, between Park Place and Burrell Lane.

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ADA Access Improvements Crosswalks in Area 1, City of Rancho Palos Verdes, CA. Project manager for the design and construction of eleven (11) sidewalk curb ramps at six (6) crosswalk intersections in Area 1 conforming to Americans with Disabilities Act (ADA) standards. The activity locations were: Grayslake Road at Groveoak Place, Clint Place, Waukesha Place, and Finecrest Drive; Basswood Avenue at Ironwood Street; and Barkstone Drive at Ironwood Street. The CDBG program provided all funding for this project.

Residential Streets Rehabilitation Project, FY 2015-16, Area 2, City of Rancho Palos Verdes, CA. Provided construction management, inspection and material testing services for the City's Residential Street Rehabilitation Project, Area 2. The scope of work included overseeing concrete repair of sidewalks, curb and gutter, driveways, ADA-compliant curb ramps, localized AC repair, crack routing and sealing for the Phase I project and Asphalt Rubber Aggregate Membrane (ARAM), micro surface pavement resurfacing treatments, along with signage and striping for the Phase II project.

Residential Streets Rehabilitation Project, FY 2015-16, Area 6, City of Rancho Palos Verdes, CA. Provided construction management and inspection services for the City's Residential Street Rehabilitation Project, Phase I of Area 6, a contract addition to Area 2 with a completion date, after extension to the construction contractor. The project involved removing and replacing sidewalk, ADA-compliant curb ramps, driveway aprons, curb and gutter, crack routing and sealing and AC dig-outs at various locations throughout Area 6. This work was followed by micro-paving.

Residential Streets Rehabilitation Project for Year 2013-14, Area 9, City of Rancho Palos Verdes, CA. Project manager responsible for the $1-million overall design and plan preparation for the residential street improvements throughout Area 9 including the preparation of a detailed inventory of all existing improvements within the public right-of-way that require replacement or rehabilitation. In addition to Area 9, the plans for Area 1 and Area 5B were assembled into one large PS&E package for bidding and construction.

Residential Street Rehabilitation Project, FY 2011-12, Areas 3 and 5A, City of Rancho Palos Verdes, CA. Assisted with the project bidding process and followed up with serving as the full-time construction manager directly supervising the construction inspection staff. Provided continuous liaison with City staff and the community while also directing the preparation of weekly progress reports, leading the weekly meetings and directly coordinating the contractor's progress billings.

Lincoln Avenue Widening, City of Anaheim, CA. Drainage manager for this City of Anaheim project that will widen Lincoln Avenue from a four to a six-lane divided roadway from East Street to Evergreen Street, improving the arterial level of service to "A," with a volume to capacity ratio of 0.53. The Lincoln Avenue improvements will ultimately reduce vehicular traffic congestion and enhance the traffic flow along the corridor. The project included the design of street, median, traffic, storm drain, landscape and private property improvements as well as the preparation of an alignment study, traffic study, legal descriptions and a Water Quality Management Plan.

Palos Verdes Drive West Sidewalk and Shelter for ADA Access Improvements, City of Rancho Palos Verdes, CA. Project manager for design engineering services to complete the City's ADA access improvements for the parkway along Palos Verdes Drive West between Rue Beaupre and Hawthorne Boulevard. In addition to a small retaining wall, a bus shelter and sidewalk improvements were constructed to provide access along the inland side of the street. The CDBG program provided funding for this project.

Palos Verdes Drive East, City of Rancho Palos Verdes, CA. Served as quality assurance manager for construction management and inspection services for this $3.2-million, five-mile road rehabilitation project which involved providing traffic control, construction survey, saw cutting, unclassified excavation, PCC curb and gutter, curb access ramps, bus pads, drainage modifications, asphalt pavement road widening and repairs, AC berms, gravity block walls, roadway signing, asphalt pavement milling and overlay, crack routing and sealing, micro-surface paving, traffic striping and markings, raised pavement markers and other work.

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Earl Schwartz, PE, QSD | Ardurra — Sr. Project/Construction Manager/Resident Engineer

Education: BS/1993/Engineering/California State University, Northridge
Registrations: PE/Civil/CA #C 64411
Certifications: Qualified SWPPP Developer (QSD)
Years of Experience Entered the profession in 1993

With more than 28 years of experience, Earl Schwartz, PE, QSD, has delivered critical projects for many southern California cities and municipalities. Earl approaches all projects with a strong strategic focus and an emphasis on team building while maintaining a clear path towards achieving project goals.

RELEVANT EXPERIENCE

PR-54/58 Improvement Project and Closeout Services, Anaheim, CA. Performed construction management/resident engineer services overseeing the closeout services for the PR-54 facility and installation and closeout services for the PR-58 pressure relief facilities. For the PR-54 facility, this work entailed conducting progress meetings, performing weekly statement of working day analysis, change order management and negotiation, final pay applications, punchlist completion management, operations and management documentation and as-built management, and release of stop notice management. For the PR-58 facility, this work entailed managing and coordinating the shop drawing review and installation of the PR-58 panel and SCADA, managing special electrical and instrumentation and control inspection, conducting weekly progress meetings, performing weekly statement of working day analysis, change order management and negotiation, final pay applications, punchlist development and completion management, operations and management documentation and as-built management, and release of stop notice management. Construction value $329K. (06/2020-12/2020)

Ball Road Project (West Place to Claremont Street), Anaheim, CA. Performed contract administration and construction management services for Anaheim Water Utility for the Ball Road Project (Harbor Avenue to West near Disney). The project consists of replacement and upgrade of portions of 8-inch DIP and 16-inch and 18-inch 14-gage CCP water lines and valves at the Disneyland Drive and Harbor Boulevard intersections. Construction value $935,000. (07/2020-06/2021)

City Engineer, Lawndale, CA. * City Engineer responsible for the planning, organization, supervision, coordination, and administration of the functions of the Engineering division of the Public Works Department. Performed professional engineering work in the design and construction of street, building, traffic signal, pocket park and storm drain capital improvement projects. Responsible for the implementation of a capital improvement project budget for 2009-2012 of $35M. Supervised, trained and evaluated the performance of assigned staff. Responsible for supervising engineering and construction inspection support staff. Responsible for preparing annual operating budget requests and controlling expenditures. Oversaw, prepared, and reviewed plans, specifications, schedules, engineering estimates, and bid proposals for public works projects. Prepared RFPs for professional consultant design services for capital improvement projects for new and retrofit city buildings, streets, storm drain, and park facilities. Interviewed professional services consultant firms and for reviewing, negotiating, and structuring agreements and scope of work for professional services contracts. Managed consultant contracts for professional services including monitoring work schedules, budget status, and work progress and deliverables.

Development Services Staff Augmentation, Moorpark, CA. * Staff augmentation senior development engineer responsible for providing staff augmentation for the City of Moorpark. Responsibilities included supervising and management of a development review and construction inspection staff, administering delivery of plan check review services of private development residential subdivision/commercial projects from entitlement through final engineering design, and construction inspection of these private development projects for the City of Moorpark. Hands-on construction inspector for private development residential improvements and public works encroachment permit construction.

**Work performed prior to joining Ardurra*

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John Wolitarsky, CCM | Ardurra — Senior Construction Manager/Project Manager

Education:	BS/1986/Business Administration/ University of Southern California, Los Angeles, CA
Certifications:	Certified Construction Manager (CCM)/Construction Management Association of America #10457
Professional Affiliations:	American Public Works Association, Southern California Chapter Construction Management Association of America City and County Engineers Association
Years of Experience	Entered the profession in 1986; Ardurra year of hire – 2016

John Wolitarsky, CCM, has delivered critical capital improvement projects for many Southern California public agencies. John excels in managing the replacement or renovation of public facilities, aging city streets, water and sewer lines and other utilities. In addition to John's core project and construction management expertise, he is proficient in scheduling, financial management and multi-party coordination. Also, John has a strong track record in obtaining and administering federal funding. John is a skilled presenter who has often served as a liaison to public agencies and the community at large.

RELEVANT EXPERIENCE

Redondo Beach Transit Center, City of Redondo Beach, CA. Lead construction manager for the new $11.5-million Redondo Beach Transit Center. Providing construction management and inspection along with other professional services required to undertake and successfully manage construction of this project. Phase one of the project includes construction of a new Transit Center to replace the existing Transit Center located adjacent to the Galleria. The new Transit Center will be constructed at a site south of Target along Kingsdale Avenue. When completed, the new Transit Center will consist of a 2,900-square-foot building housing an operator lounge, private restrooms, public restrooms, and offices. Other improvements will include a kiss-and-ride parking lot and passenger drop-off area, as well as bus bays. In addition, traffic signals, striping and construction of an upper-level parking lot will be constructed. Phase two improvements will include the widening and realignment of Kingsdale Avenue between Grant Avenue and Artesia Boulevard. This roadway improvement will include an additional dedicated northbound right turn lane, new sidewalk, streetlights, and landscaping on the easterly side of the newly widened street adjacent to the Galleria Shopping Center.

Cypress Police Department Seismic Retrofit, Emergency Operations Center, and Modernization Project, City of Cypress, CA. Construction manager for construction management and inspection services for this $3.2 million seismic upgrade and complete modernization to the interior of the existing Police Department. When completed, this 20,000-square-foot building with a partial basement will include new electrical, HVAC, office space, conference rooms, restrooms/locker rooms, evidence room, as well as an outdoor patio and seismic retrofitting of the building. The project required substantial coordination with the Police Department to relocate police personnel to temporary trailers during construction.

Whitewater Preserve Flood Control Project, Wildlands Conservancy, Oak Glen, CA. Project manager for the design, entitlement and construction of a 2,000-lineal-foot flood control levee to protect some of the Whitewater Preserve's forest ranger station and other existing amenities in the event of a severe storm. The Whitewater Preserve, located just north of Palm Springs, is managed by the Wildlands Conservancy and encompasses approximately 2,211 acres. Project management services include coordination with the design engineer and environmental consultant for preliminary and final design of a levee, as well securing all permits required from numerous agencies in order to obtain a mitigated negative declaration.

15th Street Bike Blvd of Parks, City of Long Beach, CA. Construction manager for this $1 million, 2.5-mile bicycle connector in compliance with the City's Bicycle Master Plan by providing a safer east-west bikeway connection between neighborhoods throughout Long Beach. Improvements included new bicycle/pedestrian facilities, way-finding signage, crosswalk enhancements, construction of intersection traffic circles and reconstruction of curb ramps. The project also included construction of bulb-outs and installation of a flashing warning system at one of the busiest intersections.

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Torrance Transit Park and Ride Regional Terminal, City of Torrance, CA. Construction manager for constructability review of this flagship terminal for the City's 11-route agency, Torrance Transit, and other public transportation providers. This LEED 2009 Gold project includes parking for buses and automobiles, covered passenger boarding areas, offices, employee break areas, and retail spaces. The project also involves offsite improvements for the installation of required utilities, the widening of Crenshaw Boulevard and construction of an extension of 208th Street as well as related improvements.

Hermosa Avenue Pavement Resurfacing Project, City of Hermosa Beach, CA. Construction manager for a $2.2-million streetscape improvement project on Hermosa Avenue, a densely populated residential and business corridor near the ocean. Resolved traffic control challenges and led a key project task public outreach to affected residents and businesses. In some cases, delivered construction notices door to door to promote face-to-face communication. Work also included placement of colored stamped concrete within a high-profile pedestrian walkway known as The Strand.

Euclid Street Rehabilitation and Resurfacing (Project No. TI-271), City of Fountain Valley, CA. Construction manager for a $1.1-million project that included improvements to a portion of Euclid Street. Overcame traffic control challenges, such as the presence of a regional medical center on the project route. Monitored compliance with plans and specifications. Project completed on time and within budget.

Fountain Valley Recreation Center Exterior Improvements, City of Fountain Valley, CA. Construction manager for a $600,000 exterior renovation of the City's recreation center, which was showing acute signs of wear after 40 years. Managed replacement of the building's storefront windows, doors, and roof. Oversaw construction of a new entry area and the repainting of the entire building exterior. Delivered the project on schedule and within budget through close coordination with City staff, the contractor and architect. The center remained open for classes and community activities throughout construction.

Carson Street Masterplan Implementation, City of Carson, CA. Project manager for a high-profile $22-million revitalization of a 1.75-mile section of Carson Street. The project narrowed several intersections along this corridor to reduce traffic speeds and encourage walking. These changes required intersection reconstruction, utility and traffic signal relocations and modifications. Other improvements included wider sidewalks, public art, bicycle parking, pavement rehabilitation, new seating, landscaping and streetlights. Worked closely with City officials, the contractor, architect and landscape architect. Facilitated resolution of challenges, such as utility conflicts and minimizing the project's impact on the community.

2017 Sanitary Sewer Facilities Rehabilitation Project, No. 50150, City of Redondo Beach, CA. Project manager for a $3.3-million project to replace 6,000 linear feet (1.13 miles) of sewer mainline and laterals. In use for decades, the targeted vitrified clay pipe (VCP) sewer mainline, service laterals and manholes were in dire need of replacement. The rehabilitation took about five months, impacting both residential and arterial streets. To ensure a smooth process, Ardurra's primary services included traffic control, public relations, public safety and utility coordination. Ensured compliance with plans and specifications.

El Monte Aquatic Center Renovation, City of El Monte, CA. Construction manager for extensive updates to a municipal aquatic center with three pools. The $950,000 project required such steps as removing and storing two large bulkheads with a crane, draining the pools and water-blasting gutter grates to prepare for construction. Services included monitoring safety measures, plaster and tile removal and replastering, light removal, construction notice posting, construction waste disposal, dust and noise control. Construction included replastering and installing new tiles and refilling the pools.

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Anthony Amado, EIT | Ardurra Project Controls, Design/Plan Check Engineer

Education: BS/2019/Civil Engineering/California State Polytechnic University, Pomona
Registrations: EIT/CA #169640
Years of Experience: Entered the profession in 2019; Ardurra year of hire – 2019

Anthony Amado, a Cal State Polytechnic University, Pomona graduate and an EIT, excels in cost estimating and has worked with various programs including MicroStation, AutoCAD, InRoads, Civil 3D, AutoTurn, and Synchro Studio. As an intern for the City of Anaheim, Anthony gained civil engineering design experience while working on design of roadways and creating a cost estimate of all missing sidewalks within the city.

RELEVANT EXPERIENCE

Manhattan Beach Street Resurfacing Project. Design engineer for the design of roadway improvements, sidewalk construction, curb and gutter construction, and curb ramp upgrades for 4 miles of residential streets.

I-210 Soundwalls Improvements, Phase III, Utility Coordination, City of La Cañada Flintridge, CA. Coordinated with utility agencies within the project area to obtain record plans. The project involved significant coordination with the City of La Cañada Flintridge, Caltrans, and the design team.

Plaza del Amo at Western Mobility Enhancement, T-177, City of Torrance, CA. Design engineer for construction documents for the roadway widening of Plaza del Amo from 223rd Street to Western Avenue to improve circulation and safety. Improvements include widening of the roadway on the north side, addressing roadway and stormwater deficiencies, restriping, curb and sidewalk and ADA compliant ramp upgrades. Processed Caltrans Encroachment Permit for modifications and improvements at Western.

Plan Check Services for Wireless Telecommunication Facilities and Fiber Optic, City of Long Beach and City of Lake Forest, CA. Provides ongoing plan check services for the cities of Long Beach and Lake Forest. The preparation of plans requires interpreting the municipal code and checking fiber optic applications under the current excavation permit.

Temple Hills Sidewalk, City of Laguna Beach, CA. Design engineer for the addition of 1,500 feet of new sidewalk. This project consists of extending the Temple Hills sidewalk. The sidewalk extension will result in a new 4-foot-wide sidewalk, curb and gutter and any necessary hand railings on one side of the street.

Feasibility Study for the Berry Street Sidewalk, City of Brea, CA. Design engineer for preparation of a feasibility study for an eight-foot-wide sidewalk on the east side of Berry Street between Lambert Road and Central Avenue.

Design Services to Prepare Country Lane Street Rehabilitation PS&E (CIP 7323), City of Brea, CA. Design engineer for plans, specifications, and estimate (PS&E) for the street rehabilitation at Country Lane, CIP Project 7322. The grind and overlay method will be used to rehabilitate the streets in the Country Lane neighborhood.

Area 18-19 Residential Street Rehabilitation Project, La Habra, CA. This road and water rehabilitation project included various rehabilitation methods for the streets and preparation of construction documents for over 8 miles of roadway improvements, street resurfacing, and water main upgrades. Ardurra is preparing all PS&Es, as required, for bidding and construction of the proposed improvements. The intent of this project was to renovate the roadway pavement and concrete improvements and upgrade the water mains for two large residential areas within the city. The water main design included potholing the existing mains to provide the contractor with the depths of the existing water mains at the tie-in points. The plans include roadway rehabilitation, the design of a significant number of ADA-compliant ramps at numerous intersections, water main upgrades and traffic signing and striping.

Utility Coordination and Research, Indio Supportive Housing Project, City of Indio, CA. Coordinated with utility agencies within the project area to obtain record plans and will serve letters. Project involved coordination with utility providers, City of Indio, and client.

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On-call Civil Engineering, City of Long Beach, CA. The projects encompassed roadway, storm drain, parking lot, traffic, lighting, and landscape improvements and focused on many of the major roadways within the City. Specific projects include Seaside Way Storm Drain, Atlantic Avenue Bulb-outs, Santa Fe Avenue Rehabilitation, Atherton Avenue Rehabilitation, 10th Street Rehabilitation, Alamitos Avenue Rehabilitation, 6th Street Bus Stop Relocation, Spring Street, Long Beach Boulevard, Carson Street, Los Coyotes Diagonal and Wardlow Street.

- **Long Beach ADA Ramp Packages.** Design engineer responsible for the design of non-standard curb ramps as part of our on-call engineering contract for the City. Currently, the contract consists of five ramp packages totally over 150 ramps. Detailed field surveys and field walks were performed. The field walk consisted of using a 360 camera to capture the existing conditions for each ramp location. Ramp designs and details were performed for each ramp location. In some instances, the ramp improvements extended beyond the ramp to correct localize drainage deficiencies.
- **Market Street Pedestrian and Streetscape Enhancements Project (LA River to Cherry Avenue).** Design engineer for engineering and design services for a pedestrian and streetscape enhancement project on Market Street between the LA River and Cherry Avenue, an approximately 1.9-mile stretch of the corridor. The project consists of complete street improvements including Class II/IV bike lanes and other new bike/pedestrian facilities, bulb-outs, wayfinding signage, sidewalk widening, crosswalk and transit stop enhancements, construction/ reconstruction of curb ramps for ADA compliance, repairing sidewalks, curbs, and gutters, reconstructing/ resurfacing roadway pavement, pedestrian lighting, traffic signal installation/upgrades, flashing beacons, landscaping and street trees, removing/relocating obstructions and utilities, and miscellaneous sustainable design features for improved mobility and safety.
- **10th Street Rehabilitation.** Design engineer for the $1.8-million rehabilitation of 10th Street between Orange Avenue and Cherry Avenue, and between Temple Avenue and Obispo Avenue. The project consists of construction/ reconstruction of curb ramps for ADA compliance, sidewalk, curb and gutter, and resurfacing roadway pavement.

Florence Avenue Widening (Orr and Day Road to Pioneer Boulevard), City of Santa Fe Springs, CA. Design engineer for the preparation of street widening plans to increase traffic capacity for over one mile of Florence Avenue between Orr and Day Road to Pioneer Boulevard. The project involves street widening to provide three lanes in each direction, modification to existing medians, reconstruction of damaged curb/gutter, sidewalk, and driveways as well as non-compliant ADA curb ramps. Coordination with Union Pacific Railroad was also required for work near and within UPRR R/W.

Airport and Beach Parking Lot Repaving, City of Santa Monica, CA. Design engineer for PS&E to resurface, stripe and implement access improvements for the Airport Administration Building Parking Lot and the Beach Parking Lot 5S. For the Airport Administration Building parking lot, prepared parking lot improvement plans to cold-mill and overlay the parking lot with ARHM, a striping layout in compliance with current regulations and airport management input, ADA access improvements, and a phasing plan that was developed in coordination with the building tenants impacted by the construction. The Beach Parking Lot 55 involved the preparation of parking lot reconstruction plans, a striping layout in compliance with current regulations and future plans, ADA access improvements, and a phasing plan that was developed in coordination with the parking lot users including the City's Parking Administration Office.

Residential Street Rehabilitation Project, City of La Habra, CA. Design engineer for the design of roadway improvements, sidewalk construction, curb and gutter construction, and curb ramp upgrades for 10 miles of residential streets.

Airport Parking Lot Improvements, Santa Monica, CA. Design engineer for the design of parking lot rehabilitation at Santa Monica Airport, curb and gutter construction, curb ramp upgrades, and drainage improvements.

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Adam Banihamed | Ardurra Assistant PM/CM, Project Controls

Education: BS in progress/2020/California State University, Northridge, Los Angeles, California
Professional Affiliations: American Society of Civil Engineers, 2017-2020 | Conference Chair, 2019-2020
Years of Experience: Entered the profession in 2019; Ardurra year of hire – 2020

Adam Banihamed is a documents control and project controls specialist with a passion for the structural aspect of civil engineering. Adam produces, processes, and archives construction documents related to cost estimates, project progress, payroll management, change orders, and requests for information and submittals.

RELEVANT EXPERIENCE

ADA Ramp Program, City of Long Beach, CA. Design engineer for the design of the curb ramps for the City's ramp program. As of fall 2020, contributed to the design of approximately 130 ramps throughout the City.

Alamitos Beach Concession, City of Long Beach, CA. Assistant construction manager/project controls officer for the construction of a two-story beach concession stand/restaurant and two auxiliary buildings. Responsibilities included submittal review, meeting preparation, keeping RFI log up to date, logging and file inspection requests and reports, assist in preparing independent cost estimates and updating plan sheets. The City had become concerned that the contractor would potentially be taking on too much work outside of his demonstrated expertise and improperly staffing the job to maintain both field and office progress. The City selected the Ardurra PM/CM team to assist the contractor in keeping the project on track and able to deliver a successful project to the City. Ardurra provided documents control services to streamline the workload and lessen the budget needed to complete the project.

Redondo Beach Transit Center, City of Redondo Beach, CA. Assistant construction manager and project controls officer for the new $11.5-million Redondo Beach Transit Center. Responsibilities include bid filing and maintaining a plan revisions spreadsheet. Providing construction management and inspection along with other professional services required to undertake and successfully manage construction of this project. Phase one of the project includes construction of a new Transit Center to replace the existing Transit Center located adjacent to the Galleria. The new Transit Center will be constructed at a site south of Target along Kingsdale Avenue. When completed, the new Transit Center will consist of a 2,900-square-foot building housing an operator lounge, private restrooms, public restrooms, and offices. Other improvements will include a kiss-and-ride parking lot and passenger drop-off area, as well as bus bays. In addition, traffic signals, striping and construction of an upper-level parking lot will be constructed. Phase two improvements will include the widening and realignment of Kingsdale Avenue between Grant Avenue and Artesia Boulevard. This roadway improvement will include an additional dedicated northbound right turn lane, new sidewalk, streetlights, and landscaping on the easterly side of the newly widened street adjacent to the Galleria Shopping Center.

Capital Improvement Projects, City of Anaheim, CA. Assistant construction manager/project controls officer assisting the City of Anaheim's Public Works staff to expedite completion of more than $57 million in projects. Responsibilities include submittal review, meeting preparation, keeping RFI log up to date, logging and file inspection requests and reports, assist in preparing independent cost estimates and updating plan sheets. Projects have included the following:

- **Olive Street 16-inch Water Main Replacement and Roadway Restoration Project.** This project involved the improvement of water system reliability by replacing old 10- and 6-inch cast iron pipe with new 16-inch ductile iron pipe. The project also included the replacement of fire hydrants, valves, water services, and appurtenant structures.
- **Rehabilitation of Pressure Regulating Stations (PRS) 30 and 31 and Relocation of PRS-32 and -43 and Construction of New PRS-73.** The work consists of contract administration and construction management services for the Pressure Regulating Stations (PRS) 30, 31, 32, 43, and 73 project, and construction management services overseeing the closeout of the PR-58, M-2 and M-8 projects.

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- **Underground Conversion Plan Projects.** The following projects are part of a City Underground Conversion Five-Year Plan and Wildfire Mitigation Plan. The initiative is relocating overhead power and communications systems underground. The work is intended to improve aesthetics, replace antiquated equipment, and enhance the reliability of the area's electrical system. Typical work includes undergrounding 69kV transmission and 12kV distribution systems, installing streetlights and service connections and demolishing overhead power, telephone, and cable television lines. Projects include:
    - **Underground District No. 65 Reliability Improvement, Phase 1 – Royal Oak; Crescent and Cerro Vista Reliability Improvement; and Direct Buried Cable Replacement.** Over approximately 11 months, project activities included undergrounding 12kV distribution systems, streetlight installation, service conversions, and removal of overhead facilities.
    - **Underground District No. 65 Reliability Improvement, Phase 2 – Santa Ana Canyon Road – Lakeview to Imperial.** Over approximately 11 months, project activities included undergrounding 12kV distribution systems, streetlight installation, service conversions, and removal of overhead facilities.
    - **Underground District No. 68 Reliability Improvement – Eucalyptus Drive from Santa Ana Canyon Road to 2,000' South Project.** Project activities included undergrounding of 12kV & 6.9kV distribution systems, direct buried cable replacement, streetlight installation, service conversions, and removal of overhead facilities.

Mission Trails Flood Management Project and the Sampson Way Roadway Improvements Project, Private Consulting Firm, San Diego, CA.* Civil engineer intern responsible for reviewing detail callouts against drawing plans and performing quality control.

Water Reclamation District/Los Angeles Department of Water and Power Master Plan, Private Consulting Firm, Los Angeles, CA.* Civil engineer intern responsible for quantifying the 10-year average of imported water demands for potential project areas.

Green Streets Project, City of Los Angeles Council Districts 4 and 9, Private Consulting Firm, Los Angeles, CA.* Civil engineer intern responsible for performing a site visit for a Green Streets Project to determine optimal locations for bioretention cells in City of Los Angeles Council Districts 4 and 9. Analyzed streets for stormwater flow, curb dimensions, and obstructions.

**Work performed prior to joining Ardurra*

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Dustin Blackwell | Ardurra — Project Controls Officer

Education:	BS/2010/Aerospace Engineering/California State Polytechnic University, San Luis Obispo, CA
Certifications:	2015/Systems Integration Engineering/California State Polytechnic University, San Luis Obispo, CA
Years of Experience	Entered the profession in 2011; Ardurra year of hire – 2016

Dustin Blackwell is an experienced project controls and documents control specialist who produces timely, accurate documentation for a variety of municipal public works and capital improvements. Dustin completes, processes and archives construction documents related to cost estimates, project progress, payroll management, change orders, requests for information and submittals. In 2018, Dustin helped prepare a successful project application to the California Coastal Commission for a Coastal Development Permit.

RELEVANT EXPERIENCE

Harrison Greenberg Foundation Roundhouse Beautification Project, City of Manhattan Beach, CA. Documents control specialist for the $2.5-million expansion and renewal of the City's registered historic landmark, the Roundhouse Aquarium on the Manhattan Beach Pier. Processed and managed project documents. Helped prepare a successful application for a Coastal Development Permit from the California Coastal Commission. The project received a 2019 Merit Award from the California Chapter of the American Council of Engineering Companies. In May 2019, Los Angeles television station KTLA5 introduced its evening news viewers to the renewed aquarium in a multi-segment series.

Strand Stairs Rehabilitation Project, City of Manhattan Beach, CA. Project controls and documents control specialist for project to demolish and replace staircases in eight locations, repair stairs at 16 locations and replace the small posts (balusters) supporting the upper rail of railings. In addition to managing construction and inspection, Ardurra also provided federal funding administration, contract labor compliance and coordinated materials and soils testing.

Alamitos Beach Concession, City of Long Beach, CA. Assistant CM/project controls for the construction of a two-story beach concession stand/restaurant and two auxiliary buildings. Responsibilities include submittal review, meeting preparation, keeping RFI log up to date, logging and file inspection requests and reports, assist in preparing independent cost estimates and updating plan sheets. The City had become concerned that the contractor would potentially be taking on too much work outside of his demonstrated expertise and improperly staffing the job to maintain both field and office progress. The City selected the Ardurra PM/CM team to assist the contractor in keeping the project on track and able to deliver a successful project to the City. Ardurra provides documents control services to streamline the workload and lessen the budget needed to complete the project.

Redondo Beach Transit Center, City of Redondo Beach, CA. Assistant construction manager and project controls officer for the new $11.5-million Redondo Beach Transit Center. Providing construction management and inspection along with other professional services required to undertake and successfully manage construction of this project. Phase one of the project includes construction of a new Transit Center to replace the existing Transit Center located adjacent to the Galleria. The new Transit Center will be constructed at a site south of Target along Kingsdale Avenue. When completed, the new Transit Center will consist of a 2,900-square-foot building housing an operator lounge, private restrooms, public restrooms, and offices. Other improvements will include a kiss-and-ride parking lot and passenger drop-off area, as well as bus bays. In addition, traffic signals, striping and construction of an upper-level parking lot will be constructed. Phase two improvements will include the widening and realignment of Kingsdale Avenue between Grant Avenue and Artesia Boulevard. This roadway improvement will include an additional dedicated northbound right turn lane, new sidewalk, streetlights, and landscaping on the easterly side of the newly widened street adjacent to the Galleria Shopping Center.

On-call Public Works Construction Management and Inspection Services, City of Long Beach, CA. Project controls/documents control for a three-year, $3-million contract for as-needed construction management, public works inspection and

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deputy inspection for capital improvements. Recent projects include Alamitos Beach Concession project (document controls); R-7053 and 7056 3rd Street and Broadway Cycle Track (assistant construction manager); 15th St Bike Blvd. (documents control); and Belmont Beach Aquatic Center (documents control). Completed projects include CM Procedures Manual (documents control); Daisy-Myrtle Bike Blvd. (assistant construction manager); LBWD Water Alley/Liberty Court (documents control); 6th Street Bike Blvd. (documents control); Drake Soccer Field (documents control); Rainbow Harbor Sewer EVAC (documents control); and Beach Maintenance Clarifier (documents control, labor compliance).

Hermosa Avenue Rehabilitation, City of Hermosa Beach, CA. Project controls engineer for the $2-million restoration of a local roadway in a highly congested area. Ardurra is providing construction management and inspection to renew one mile of the busy beach-close roadway.

Euclid Street Rehabilitation and Resurfacing (Project No. TI-271), City of Fountain Valley, CA. Documents control/project controls specialist for improvements to a busy arterial, Euclid Street, between Slater and Warner Avenues. Key duties on the $1-million project include processing RFIs, certified payrolls and any change order requests as well as preparing contractor payment applications for City approval.

Mission Road Rehabilitation, City of Alhambra, CA. Office engineer for a $3.5-million project to make major improvements to Mission Road, a key arterial in Alhambra. Tasks included reviewing and preparing requests for information and submittals and documenting employee interviews to ensure labor compliance.

Fountain Valley Recreation Center Exterior Improvements, City of Fountain Valley, CA. Documents control specialist for a $600,000 project to renovate the exterior of the City's recreation center, showing acute signs of wear after 40 years of use. Managed construction documents such as change order requests, a subcontractor substitution, daily inspection reports and the notice of completion.

Edinger Avenue and Harbor Boulevard Rehabilitation and Resurfacing, City of Fountain Valley, CA. Documents control specialist for this federally funded project. Helped ensure project compliance with all federal funding requirements, including processing certified payroll.

Residential Roadway Rehabilitation Project, No. GT229, City of Fountain Valley, CA. Project controls and documents control specialist for this $1.5-milliion street rehabilitation. This project involved a grind-and-overlay of more than 60 residential streets. The project also replaced damaged sidewalks, curbs and gutters, install 77 ADA curb ramps and selected parkway trees.

Atlantic Avenue Water Main Replacement Project, Long Beach Water Department, Long Beach, CA. Construction support specialist providing documents control for major upgrade of existing water system. This project is the second phase of a City program to replace outdated water infrastructure in the city's Liberty Court area. Ardurra managed installation of approximately 1,200 feet of 8-inch-diameter ductile iron water main under Atlantic Avenue between Eighth and 10th Streets.

Drake Soccer Field Construction, City of Long Beach, CA. Documents control specialist creating, reviewing submitting and archiving project-related documents. The project involves demolition and grading, installation of drainage system for new park, basketball court, two new soccer fields, constructing PCC curbs, gutters, sidewalks, curb ramps, driveways, replacing and overlaying pavement with asphalt paving, park furnishings, lighting and electrical service, landscape and irrigation for an 8-acre site.

Belmont Plaza Pool Rebuild/Revitalization Project, City of Long Beach, CA. Assistant project manager and inspector implementing installation of a story pole and project signage to support proposed height and other zoning variances for this $103.1-million project to construct a world-class aquatics facility replacing the now-demolished Belmont Olympic Pool. The new facility will host swimming, water polo, and platform diving events at the local, regional, and national levels. Ardurra is representing the City and its interests in all negotiations, meetings, community outreach, entitlements, permitting, design management and related activities throughout the project. Helped prepare an application to the California Coastal Commission for a Coastal Development Permit.

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Dee Yeh | Ardurra

Project Controls/Documents Control Specialist

Education: BS/1993/Facility Planning and Management/Cornell University

Years of Experience: Entered the profession in 2012; Ardurra year of hire – 2021

Dee Yeh has more than nine years of experience providing project support in both publicly and privately funded construction and design projects. Dee produces, processes, and archives construction documents related to cost estimates, project progress, payroll management, change orders, RFIs and submittals.

RELEVANT EXPERIENCE

Olive Street 16-inch Water Main Replacement Project, City of Anaheim, CA. Project controls/documents control specialist. Improvement of water system reliability by replacing old 10- and 6-inch cast iron pipe with new 16-inch ductile iron pipe. The project also included the replacement of fire hydrants, valves, water services, and appurtenant structures. Responsibilities include meeting preparation, logging and filing RFIs, submittals, and change orders and maintaining contract administration documentation. Project cost: $1.1 million

Underground District Phase 2 Project, City of Anaheim, CA. Project controls/documents control specialist. Undergrounding 12kV distribution systems, streetlight installation, service conversions, and removal of overhead facilities. Responsibilities include meeting preparation, logging and filing RFIs, submittals, and change orders and maintaining contract administration documentation. Project cost: $2 million

Cypress Police Department Modernization Project, City of Cypress, CA. Assistant construction manager/project controls specialist. Seismic upgrade and renovation improvements to the existing Police Department's 20,000-square-foot, single-story building with a partial basement including a roof-stiffening system for seismic strengthening, relocating interior walls and making lighting upgrades, ADA improvements and architectural enhancements. Responsibilities include submittal review, meeting preparation, keeping RFI log up to date, logging and filing inspection requests and reports, reviewing and logging payment applications. Project cost: $3.3 million

Torrance Transit Regional Park-and-Ride Terminal, City of Torrance, CA. Project controls/documents control specialist. Construction of a flagship facility for City's bus service, Torrance Transit and other regional bus carriers. Improvements include 17,800 square feet of space and multiple bus bays, building access, circulation roads, street widening, relocating underground utilities, sidewalks, curb and gutter, signs, landscaping and new or upgraded traffic signals. Responsibilities include meeting preparation, logging and filing inspection requests/reports and labor compliance reports and maintaining contract administration documentation. Project cost: $21 million

Belmont Plaza Pool Rebuild/Revitalization Project, City of Long Beach, CA. Project controls/documents control for this $103.1-million project to construct a world-class aquatics facility replacing the now-demolished Belmont Olympic Pool. The new facility will host swimming, water polo and platform diving events at the local, regional and national levels. Ardurra is representing the City and its interests in all negotiations, meetings, community outreach, entitlements, permitting, design management and related activities throughout the project. Helped prepare an application to the California Coastal Commission for a Coastal Development Permit. Ardurra is spearheading value engineering analyses and a subsequent entitlement and community outreach project to adjust the project to available funding sources.

Palos Verdes Estates Guardrail Replacement, Palos Verdes Estates, CA. Project controls/documents control specialist. This project involves construction of approximately one-half mile of existing metal beam guardrail replacement in compliance with Caltrans Midwest Guardrail System (MGS) standards. The construction phase for the project is funded by the Federal Highway Safety Improvement Program (HSIP) as well as local funds and will be contracted in accordance with the Caltrans Local Assistance Procedures Manual (LAPM). To improve roadway safety, the project encompasses 11 separate locations along the segments of Via Victoria, Via Zumaya, Via Olivera, Via Coronel, Palos Verdes Drive West, Via Montemar, Via Campesina, and Via La Cuesta. Potential construction challenges anticipated include safety and traffic control, public relations, long lead-

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time for MGS, change management/claims resolution, and compliance with federal requirements. Providing project controls support including all construction documentation from Procore updates, meeting minutes, invoicing, change orders and associated costs, inspection requests/reports, maintaining conformed plan sets, and tracking permits and specifications.

Signal Hill View Park Improvement Project, City of Signal Hill, CA. Project controls/documents control specialist. The City of Signal Hill is seeking to construct a park using grant funds under a negotiated contract with the Conservation Corps of Long Beach (CCLB). The total estimated construction cost is approximately $2.2 million. Park construction includes improvements such as rough grading, drainage, retaining walls, pedestrian trails, landscaping and irrigation, site furnishings, and lighting. Providing project controls support including all construction documentation from Procore updates, meeting minutes, invoicing, change orders and associated costs, inspection requests/reports, maintaining conformed plan sets, and tracking permits and specifications.

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Appendix C

Consultant's Acknowledgement of Compliance with Insurance Requirements for Agreement for Professional/Consultant Services

Consultant agrees, acknowledges and is fully aware of the insurance requirements as specified in the Request for Proposal and accepts all conditions and requirements as contained therein.

Consultant: Lisa M. Penna, PE, F.ASCE, QSD

Name (Please Print or Type)

By: Lisa M. Penna

Consultant's Signature

Date: September 15, 2021

This executed form must be submitted with Scope of Work proposal.

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Appendix D

Certification of Proposal

The undersigned hereby submits its proposal and agrees to be bound by the terms and conditions of this Request for Proposal (RFP) No. E1264-21S.

1) Proposer declares and warrants that no elected or appointed official, officer or employee of the City has been or shall be compensated, directly or indirectly, in connection with this proposal or any work connected with this proposal. Should any agreement be approved in connection with this Request for Proposal, Proposer declares and warrants that no elected or appointed official, officer or employee of the City, during the term of his/her service with the City shall have any direct interest in that agreement, or obtain any present, anticipated or future material benefit arising therefrom.

2) By submitting the response to this request, Proposer agrees, if selected to furnish services to the City in accordance with this RFP.

3) Proposer has carefully reviewed its proposal and understands and agrees that the City is not responsible for any errors or omissions on the part of the Proposer and that the Proposer is responsible for them.

4) It is understood and agreed that the City reserves the right to accept or reject any or all proposals and to waive any informality or irregularity in any proposal received by the City.

5) The proposal response includes all of the commentary, figures and data required by the Request for Proposal.

6) The proposal shall be valid for 120 days from the date of submittal.

Name of Proposer: Ardurra Group, Inc.

By: Lisa M. Penna

(Authorized Signature)

Type Name: Lisa M. Penna, PE, F.ASCE, QSD

Title: Vice President, Managing Principal

Date: September 15, 2021

This executed form must be submitted with Scope of Work proposal.

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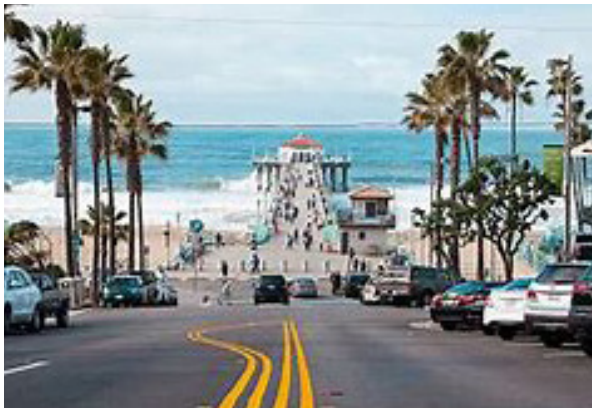

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EXHIBIT B
APPROVED FEE SCHEDULE

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B – Fee Schedule and Rate Sheet

Ardurra Group, Inc.

Effective February 1, 2021 Standard Billing Rate Schedule for the City of Manhattan Beach

Engineering Services

Staff	Hourly Rate
Principal	$230
QA/QC Manager	$205
Project Manager IV	$210
Project Manager III	$200
Project Manager II	$185
Project Manager I	$175
Project Engineer IV	$185
Project Engineer III	$160
Project Engineer II	$150
Project Engineer I	$140
Project Designer III*	$135
Project Designer II*	$120
Project Designer I*	$110
CADD Drafter III*	$125
CADD Drafter II*	$115
CADD Drafter I*	$105
Public Works Technician I*	$105
Administrative Assistant	$100

Municipal Services

Staff	Hourly Rate
Principal	$230
Project Exec./Management Consultant	$205
Senior Program Manager	$210
Program Manager	$195
Project Manager III	$195
Project Manager II	$185
Project Manager I	$175
Plan Check Engineer IV	$190
Plan Check Engineer III	$180
Plan Check Engineer II	$165
Plan Check Engineer I	$150
Project Controls Engineer	$135
Public Works Technician III*	$120
Public Works Technician II*	$110
Public Works Technician I*	$100
Senior Code Enforcement Officer/Mgr*	$100
Code Enforcement Officer II*	$85
Code Enforcement Officer I*	$75

* Positions noted with an asterisk are subject to overtime rates billed at 1.5 times regular rates for all time over 8 hours in a single day or work performed on Saturday; and double time rates for work performed on Sundays and Holidays.

Other Direct Costs: Reimbursement of identifiable non-salary costs that are directly attributable to the project such as oversized and/or color reproduction costs, overnight postage or couriers, etc., are billed at actual cost plus five percent (5%) to cover overhead and administration. Mileage required for travel are billed at the allowable IRS mileage reimbursement rate.

Fees for subconsultant services: Billed at actual cost plus 5 percent (5%) to cover overhead and administration.

Exclusions to Scope and Fee: The following items are specifically excluded:

· Legal advice
· Specialized software (other than MS Office Suite and MS Project)
· Expert witness services

C – Consultant Expenses

Ardurra will submit any unanticipated expenses to the City for approval prior to invoicing said expense.

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ARDURRA

Ardurra Group, Inc.

Effective February 1, 2021 Standard Billing Rate Schedule for the City of Manhattan Beach

Title	Staff	Hourly Rate
Principal	Dino D'Emilia, PE, F.ASCE, QSD Lisa Penna, PE, F.ASCE, QSD	$230
Senior Program Manager	Omar Alameddine,, EIT Stephen Badum, PE Earl Schwartz, PE John Wolitarsky, CCM	$210
Project Manager IV	Omar Alameddine, EIT Amy Czajkowski, PE, CCM, QSD Earl Schwartz, PE John Wolitarsky, CCM	$210
Project Manager III	Lisette Bice, PE, QSD, ENV SP Brad Fowler, PE Mark Lewis, PE, TE	$200
Project Manager II	Robert Merrell, PE	$185
Project Designer III*	Adam Banihamed	$135
Project Designer II*	Anthony Amado, EIT	$120
Project Controls Engineer	Adam Banihamed Dustin Blackwell Dee Yeh	$135

* Positions noted with an asterisk are subject to overtime rates billed at 1.5 times regular rates for all time over 8 hours in a single day or work performed on Saturday; and double time rates for work performed on Sundays and Holidays.

Other Direct Costs: Reimbursement of identifiable non-salary costs that are directly attributable to the project such as oversized and/or color reproduction costs, overnight postage or couriers, etc., are billed at actual cost plus five percent (5%) to cover overhead and administration. Mileage required for travel are billed at the allowable IRS mileage reimbursement rate.

Fees for subconsultant services: Billed at actual cost plus 5 percent (5%) to cover overhead and administration.

Exclusions to Scope and Fee: The following items are specifically excluded:

· Legal advice
· Specialized software (other than MS Office Suite and MS Project)
· Expert witness services

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EXHIBIT C
TERMS FOR COMPLIANCE WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. This Agreement calls for services that, in whole or in part, constitute "public works" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"). Further, Consultant acknowledges that this Agreement is subject to (a) Chapter 1 and (b) the rules and regulations established by the Department of Industrial Relations ("DIR") implementing such statutes. Therefore, as to those Services that are "public works", Consultant shall comply with and be bound by all the terms, rules and regulations described in 1(a) and 1(b) as though set forth in full herein.

2. California law requires the inclusion of specific Labor Code provisions in certain contracts. The inclusion of such specific provisions below, whether or not required by California law, does not alter the meaning or scope of Section 1 above.

3. Consultant shall be registered with the Department of Industrial Relations in accordance with California Labor Code Section 1725.5, and has provided proof of registration to City prior to the Effective Date of this Agreement. Consultant shall not perform work with any subcontractor that is not registered with DIR pursuant to Section 1725.5. Consultant and subcontractors shall maintain their registration with the DIR in effect throughout the duration of this Agreement. If the Consultant or any subcontractor ceases to be registered with DIR at any time during the duration of the project, Consultant shall immediately notify City.

4. Pursuant to Labor Code Section 1771.4, Consultant's Services are subject to compliance monitoring and enforcement by DIR. Consultant shall post job site notices, as prescribed by DIR regulations.

5. Pursuant to Labor Code Section 1773.2, copies of the prevailing rate of per diem wages for each craft, classification, or type of worker needed to perform the Agreement are on file at City Hall and will be made available to any interested party on request. Consultant acknowledges receipt of a copy of the DIR determination of such prevailing rate of per diem wages, and Consultant shall post such rates at each job site covered by this Agreement.

6. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1774 and 1775 concerning the payment of prevailing rates of wages to workers and the penalties for failure to pay prevailing wages. The Consultant shall, as a penalty to City, forfeit $200.00 for each calendar day, or portion thereof, for each worker paid less than the prevailing rates as determined by the DIR for the work or craft in which the worker is employed for any public work done pursuant to this Agreement by Consultant or by any subcontractor.

7. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subcontractor to: keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Section 1776; certify and make such payroll records available for inspection as provided by Section 1776; and inform City of the location of the records.

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8. Consultant shall comply with and be bound by the provisions of Labor Code Sections 1777.5, 1777.6 and 1777.7 and California Administrative Code Title 8, Section 200 et seq. concerning the employment of apprentices on public works projects. Consultant shall be responsible for compliance with these aforementioned Sections for all apprenticeable occupations. Prior to commencing work under this Agreement, Consultant shall provide City with a copy of the information submitted to any applicable apprenticeship program. Within 60 days after concluding work pursuant to this Agreement, Consultant and each of its subcontractors shall submit to City a verified statement of the journeyman and apprentice hours performed under this Agreement.

9. The Consultant shall not perform Work with any Subcontractor that has been debarred or suspended pursuant to California Labor Code Section 1777.1 or any other federal or state law providing for the debarment of contractors from public works. The Consultant and Subcontractors shall not be debarred or suspended throughout the duration of this Contract pursuant to Labor Code Section 1777.1 or any other federal or state law providing for the debarment of contractors from public works. If the Consultant or any subcontractor becomes debarred or suspended during the duration of the project, the Consultant shall immediately notify City.

10. Consultant acknowledges that eight hours labor constitutes a legal day's work. Consultant shall comply with and be bound by Labor Code Section 1810. Consultant shall comply with and be bound by the provisions of Labor Code Section 1813 concerning penalties for workers who work excess hours. The Consultant shall, as a penalty to City, forfeit $25.00 for each worker employed in the performance of this Agreement by the Consultant or by any subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any one calendar day and 40 hours in any one calendar week in violation of the provisions of Division 2, Part 7, Chapter 1, Article 3 of the Labor Code. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of eight hours per day, and 40 hours during any one week shall be permitted upon public work upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.

11. California Labor Code Sections 1860 and 3700 provide that every employer will be required to secure the payment of compensation to its employees. In accordance with the provisions of California Labor Code Section 1861, Consultant hereby certifies as follows: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."

12. For every subcontractor who will perform work on the project, Consultant shall be responsible for such subcontractor's compliance with Chapter 1 and Labor Code Sections 1860 and 3700, and Consultant shall include in the written contract between it and each subcontractor a copy of those statutory provisions and a requirement that each subcontractor shall comply with those statutory provisions. Consultant shall be required to take all actions necessary to enforce such contractual provisions and ensure subcontractor's compliance, including without limitation, conducting a periodic review of the certified payroll records of the subcontractor and upon becoming aware of the failure of the subcontractor to pay his or her workers the specified prevailing rate of wages. Consultant

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shall diligently take corrective action to halt or rectify any failure.

13. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless and defend (at Consultant's expense with counsel reasonably acceptable to City) City, its officials, officers, employees, agents and independent contractors serving in the role of City officials, and volunteers from and against any demand or claim for damages, compensation, fines, penalties or other amounts arising out of or incidental to any acts or omissions listed above by any person or entity (including Consultant, its subcontractors, and each of their officials, officers, employees and agents) in connection with any work undertaken or in connection with the Agreement, including without limitation the payment of all consequential damages, attorneys' fees, and other related costs and expenses. All duties of Consultant under this Section shall survive the termination of the Agreement.

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Execution Version

WRITTEN CONSENT
OF THE
BOARD OF DIRECTORS OF
ARDURRA GROUP, INC.
a Florida corporation

July 30, 2019

The undersigned, constituting all of the members of the Board of Directors (the "Board") of Ardurra Group, Inc., a Florida corporation (the "Corporation"), in accordance with the authority contained in Section 607.0821 of the Florida Business Corporation Act and the Amended and Restated Bylaws of this Corporation (the "Bylaws"), hereby consent to the adoption of the following recitals and resolutions:

ELECTION OF OFFICERS

WHEREAS, pursuant to Article II, Section 10 and Article III, Section 2 of the Bylaws, the Board shall elect the officers of the Corporation and pursuant to Article III, Section 1 of the Bylaws, the Board may elect Vice President(s) and such other officers as the Board deems advisable;

WHEREAS, it is deemed to be in the best interests of the Corporation and its sole shareholder to appoint the following persons in the corporate offices indicated opposite their name:

Lisa Penna	Vice President

NOW, THEREFORE, BE IT RESOLVED, that the following persons are hereby elected to the corporate office indicated opposite their name, to serve in accordance with the Bylaws:

Lisa Penna	Vice President

GENERAL AUTHORITY

RESOLVED FURTHER, that any and all acts, actions, agreements, documents, instruments or papers heretofore done, performed, made, negotiated, executed or delivered for or on behalf of the Corporation or in their respective names in connection with, or with respect to, the matters referred to in the foregoing resolutions be, and they hereby are, authorized, approved, adopted, ratified and confirmed in all respects; and

RESOLVED FURTHER, that these resolutions adopted by the Board may be executed in two or more counterparts, and by electronic transmission, and each such counterpart shall be deemed an original, and all of which, when taken together, shall constitute but one and the same instrument.

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[*Signature Page Follows*]

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IN WITNESS WHEREOF, the undersigned, being all of the members of the Board, have duly executed this Action by Written Consent as of the date first set forth above.

BOARD OF DIRECTORS:

Christopher Lee

Ryan Thorpe

Christopher Kuzler

Christopher Kuzler

Rob Costello

Richard Cloutier

Richard Cloutier

Ernesto Aguilar

Ernesto Aguilar

Jim Bishop

[Signature Page to Action by Written Consent of the Directors of Ardurra Group, Inc.]

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IN WITNESS WHEREOF, the undersigned, being all of the members of the Board, have duly executed this Action by Written Consent as of the date first set forth above.

BOARD OF DIRECTORS:

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Christopher Lee

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[Signature Page to Action by Written Consent of the Directors of Ardurra Group, Inc.]

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[Signature Page to Action by Written Consent of the Directors of Ardurra Group, Inc.]

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WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM

BUSINESS AUTO COVERAGE FORM

MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

This endorsement changes the policy effective on the inception date of the policy unless another date is indicated below.

Named Insured: ARDURRA GROUP, INC.

Endorsement Effective Date: 01/01/2022

SCHEDULE
Name(s) Of Person(s) Or Organization(s):
ANY PERSON OR ORGANIZATION FOR WHOM OR WHICH YOU ARE REQUIRED BY WRITTEN CONTRACT OR AGREEMENT TO OBTAIN THIS WAIVER FROM US. YOU MUST AGREE TO THAT REQUIREMENT PRIOR TO LOSS.
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "**accident**" or the "**loss**" under a contract with that person or organization.

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BLANKET WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS

This endorsement changes the policy to which it is attached.

It is agreed that **Part One - Workers' Compensation Insurance G. Recovery From Others** and **Part Two - Employers' Liability Insurance H. Recovery From Others** are amended by adding the following:

We will not enforce our right to recover against persons or organizations. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

PREMIUM CHARGE - Refer to the Schedule of Operations

The charge will be an amount to which you and we agree that is a percentage of the total standard premium for California exposure. The amount is 3%.

All other terms and conditions of the policy remain unchanged.

This endorsement, which forms a part of and is for attachment to the policy issued by the designated Insurers, takes effect on the Policy Effective Date of said policy at the hour stated in said policy, unless another effective date (the Endorsement Effective Date) is shown below, and expires concurrently with said policy unless another expiration date is shown below.

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