

**AGREEMENT FOR CONSULTING SERVICES  
BETWEEN THE CITY OF REDONDO BEACH  
AND CHEN RYAN ASSOCIATES, INC.**

THIS AGREEMENT FOR CONSULTING SERVICES (this "Agreement") is made between the City of Redondo Beach, a chartered municipal corporation ("City") and Chen Ryan Associates, Inc., a California corporation ("Consultant" or "Contractor").

The parties hereby agree as follows:

1. Description of Project or Scope of Services. The project description or scope of services to be provided by Consultant, and any corresponding responsibilities of City, or services required to be performed by City are set forth in Exhibit "A."
2. Term and Time of Completion. Consultant shall commence and complete the project or services described in Exhibit "A" in accordance with the schedule set forth in Exhibit "B".
3. Compensation. City agrees to pay Consultant for work performed in accordance with Exhibit "C".
4. Insurance. Consultant shall adhere to the insurance requirements outlined in Exhibit "D", unless otherwise waived by the City's Risk Manager.
5. Agreement to Comply with California Labor Law Requirements. Consultant agrees to comply with all applicable California Labor Law Requirements as set forth in Exhibit "E".

\* \* \* \* \*

**GENERAL PROVISIONS**

1. Independent Contractor. Consultant acknowledges, represents and warrants that Consultant is not a regular or temporary employee, officer, agent, joint venturer or partner of the City, but rather an independent contractor. This Agreement shall not be construed as a contract of employment. Consultant shall have no rights to any benefits which accrue to City employees unless otherwise expressly provided in this Agreement. Due to the independent contractor relationship created by this Agreement, the City shall not withhold state or federal income taxes, the reporting of which shall be Consultant's sole responsibility.
2. Brokers. Consultant acknowledges, represents and warrants that Consultant has not hired, retained or agreed to pay any entity or person any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award or making of this Agreement.

3. City Property. All plans, drawings, reports, calculations, data, specifications, videos, graphics or other materials prepared for or obtained pursuant to this Agreement shall upon request be delivered to the City within a reasonable time, and the rights thereto shall be deemed assigned to the City. If applicable, Consultant shall prepare check prints upon request. Said plans, drawings, reports, calculations, data, specifications, videos, graphics or other materials, shall be specific for the project herein and shall not be used by the City for any other project without Consultant's consent. Notwithstanding the foregoing, Consultant shall not be obligated to assign any proprietary software or data developed by or at the direction of Consultant for Consultant's own use; provided, however, that Consultant shall, pursuant to Paragraph 14 below, indemnify, defend and hold the City harmless from and against any discovery or Public Records Act request seeking the disclosure of any such proprietary software or data.
4. Inspection. If the services set forth in Exhibit "A" shall be performed on City or other public property, the City shall have the right to inspect such work without notice. If such services shall not be performed on City or other public property, the City shall have the right to inspect such work upon reasonable notice. Inspections by the City shall not relieve or minimize the responsibility of Consultant to conduct any inspections Consultant has agreed to perform pursuant to the terms of this Agreement. Consultant shall be solely liable for said inspections performed by Consultant. Consultant shall certify in writing to the City as to the completeness and accuracy of each inspection required to be conducted by Consultant hereunder.
5. Services. The project or services set forth in Exhibit "A" shall be performed to the full satisfaction and approval of the City. In the event that the project or services set forth in Exhibit "A" are itemized by price in Exhibit "C", the City in its sole discretion may, upon notice to Consultant, delete certain items or services set forth in Exhibit "A", in which case there shall be a corresponding reduction in the amount of compensation paid to Consultant. City shall furnish Consultant to the extent available, with any City standards, details, specifications and regulations applicable to the Project and necessary for the performance of Consultant's services hereunder. Notwithstanding the foregoing, any and all additional data necessary for design shall be the responsibility of Consultant.
6. Records. Consultant, including any of its subcontractors shall maintain full and complete documents and records, including accounting records, employee time sheets, work papers, and correspondence pertaining to the project or services set forth in Exhibit "A". Consultant, including any of its subcontractors shall make such documents and records available for City review or audit upon request and reasonable notice, and shall keep such documents and records, for at least four (4) years after Consultant's completion of performance of this Agreement. Copies of all pertinent reports and correspondence shall be furnished to the City for its files.

7. Changes and Extra Work. All changes and/or extra work under this Agreement shall be performed and paid for in accordance with the following:

Only the City Council, City Manager, or the Department Head responsible for the administration of, or supervision of the scope of work under, this Agreement may authorize extra and/or changed work. Consultant expressly recognizes that other City personnel are without authorization to either order extra and/or changed work or waive contract requirements. Failure of Consultant to secure the written authorization for such extra and/or changed work shall constitute a waiver of any and all right to adjustment in contract price due to such unauthorized work and Consultant thereafter shall be entitled to no compensation whatsoever for performance of such work.

If Consultant is of the opinion that any work which Consultant has been directed to perform is beyond the scope of this Agreement and constitutes extra work, Consultant shall promptly notify the City of the fact. The City shall make a determination as to whether or not such work is, in fact, beyond the scope of this Agreement and constitutes extra work. In the event that the City determines that such work does constitute extra work, City shall provide extra compensation to Consultant on a fair and equitable basis. A written amendment providing for such compensation for extra work shall be executed by Consultant and the City.

8. Additional Assistance. If this Agreement requires Consultant to prepare plans and specifications, Consultant shall provide assistance as necessary to resolve any questions regarding such plans and specifications that may arise during the period of advertising for bids, and Consultant shall issue any necessary addenda to the plans and specifications as requested. In the event Consultant is of the opinion that City's requests for addenda and assistance is outside the scope of normal services, the parties shall proceed in accordance with the changes and extra work provisions of this Agreement.
9. Professional Ability. Consultant acknowledges, represents and warrants that Consultant is skilled and able to competently provide the services hereunder, and possesses all professional licenses, certifications, and approvals necessary to engage in its occupation. City has relied upon the professional ability and training of Consultant as a material inducement to enter into this Agreement. Consultant shall perform in accordance with generally accepted professional practices and standards of Consultant's profession.
10. Business License. Consultant shall obtain a Redondo Beach Business License before performing any services required under this Agreement. The failure to so obtain such license shall be a material breach of this Agreement and grounds for immediate termination by City; provided, however, that City may waive the business license requirement in writing under unusual circumstances without necessitating any modification of this Agreement to reflect such waiver.

11. Termination Without Default. Notwithstanding any provision herein to the contrary, the City may, in its sole and absolute discretion and without cause, terminate this Agreement at any time prior to completion by Consultant of the project or services hereunder, immediately upon written notice to Consultant. In the event of any such termination, Consultant shall be compensated for: (1) all authorized work satisfactorily performed prior to the effective date of termination; and (2) necessary materials or services of others ordered by Consultant for this Agreement, prior to Consultant's receipt of notice of termination, irrespective of whether such materials or services of others have actually been delivered, and further provided that Consultant is not able to cancel such orders. Compensation for Consultant in such event shall be determined by the City in accordance with the percentage of the project or services completed by Consultant; and all of Consultant's finished or unfinished work product through the time of the City's last payment shall be transferred and assigned to the City. In conjunction with any termination of this Agreement, the City may, at its own expense, make copies or extract information from any notes, sketches, computations, drawings, and specifications or other data, whether complete or not.
12. Termination in the Event of Default. Should Consultant fail to perform any of its obligations hereunder, within the time and in the manner provided or otherwise violate any of the terms of this Agreement, the City may immediately terminate this Agreement by giving written notice of such termination, stating the reasons for such termination. Consultant shall be compensated as provided immediately above, provided, however, there shall be deducted from such amount the amount of damages if any, sustained by the City by virtue of Consultant's breach of this Agreement.
13. Conflict of Interest. Consultant acknowledges, represents and warrants that Consultant shall avoid all conflicts of interest (as defined under any federal, state or local statute, rule or regulation, or at common law) with respect to this Agreement. Consultant further acknowledges, represents and warrants that Consultant has no business relationship or arrangement of any kind with any City official or employee with respect to this Agreement. Consultant acknowledges that in the event that Consultant shall be found by any judicial or administrative body to have any conflict of interest (as defined above) with respect to this Agreement, all consideration received under this Agreement shall be forfeited and returned to City forthwith. This provision shall survive the termination of this Agreement for one (1) year.
14. Indemnity. To the maximum extent permitted by law, Consultant hereby agrees, at its sole cost and expense, to defend, protect, indemnify, and hold harmless the City, its elected and appointed officials, officers, employees, volunteers, attorneys, and agents (collectively "Indemnitees") from and against any and all claims, including, without limitation, claims for bodily injury, death or damage to property, demands, charges, obligations, damages, causes of action,

proceedings, suits, losses, stop payment notices, judgments, fines, liens, penalties, liabilities, costs and expenses of every kind and nature whatsoever, in any manner arising out of, incident to, related to, in connection with or arising from any act, failure to act, error or omission of Consultant's performance or work hereunder (including any of its officers, agents, employees, Subcontractors) or its failure to comply with any of its obligations contained in the Agreement, or its failure to comply with any current or prospective law, except for such loss or damage which was caused by the sole negligence or willful misconduct of the City. Notwithstanding the foregoing, nothing in this Section 14 shall be construed to encompass Indemnitees' active negligence to the limited extent that this Agreement is subject to Civil Code Section 2782(b). Consultant's obligation to indemnify shall not be restricted to insurance proceeds, if any, received by Consultant or Indemnitees. This indemnification obligation shall survive this Agreement and shall not be limited by any term of any insurance policy required under this Agreement.

- a. Nonwaiver of Rights. Indemnitees do not and shall not waive any rights that they may possess against Consultant because the acceptance by City, or the deposit with City, of any insurance policy or certificate required pursuant to this Agreement.
  - b. Waiver of Right of Subrogation. Consultant, on behalf of itself and all parties claiming under or through it, hereby waives all rights of subrogation and contribution against the Indemnitees.
15. Insurance. Consultant shall comply with the requirements set forth in Exhibit "D". Insurance requirements that are waived by the City's Risk Manager do not require amendments or revisions to this Agreement.
  16. Non-Liability of Officials and Employees of the City. No official or employee of the City shall be personally liable for any default or liability under this Agreement.
  17. Compliance with Laws. Consultant shall comply with all federal, state and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals, with respect to this Agreement, including without limitation all environmental laws, and employment laws.
    - a. Acknowledgement. Consultant acknowledges that eight (8) 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. Consultant shall, as a penalty to the City, forfeit twenty-five dollars (\$25) 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 (8) hours in any one (1) calendar day and forty (40) hours in any one calendar

week. Pursuant to Labor Code section 1815, work performed by employees of Consultant in excess of 8 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 8 hours per day at not less than 1 1/2 times the basic rate of pay. For every subcontractor who will perform work on the project, Consultant shall be responsible for such subcontractor's compliance with Labor Code Sections 1810, 1813 and 1815, and Consultant shall include in the written contract between it and each subcontractor copies of Labor Code Sections 1810, 1813 and 1815 and a requirement that each subcontractor shall comply with these aforementioned sections. 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 comply with Labor Code Sections 1810, 1813 and 1815, Consultant shall diligently take corrective action to halt or rectify the failure.

- b. Labor Law Requirements. Consultant shall comply with the Agreement to Comply with California Labor Law Requirements set forth in Exhibit "E", which is attached hereto and incorporated by reference. State prevailing wage determinations are available on the California Department of Industrial Relations ("DIR") website located at <https://www.dir.ca.gov/Public-Works/Prevailing-Wage.html>.
18. Non-Discrimination. Consultant shall comply with all applicable federal, state, and local laws, ordinances, regulations, and codes prohibiting discrimination, including but not limited to the Civil Rights Act of 1964, the Americans with Disabilities Act of 1990, and the California Fair Employment and Housing Act. Consultant shall not discriminate against any employee or applicant for employment on the basis of race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, military and veteran status, or any other legally protected characteristic. Consultant shall ensure that the evaluation and treatment of its employees and applicants for employment are free from such discrimination and harassment. Consultant shall include a similar non-discrimination provision in all subcontracts related to the performance of this Agreement.
19. Limitations upon Subcontracting and Assignment. Consultant acknowledges that the services which Consultant shall provide under this Agreement are unique, personal services which, except as otherwise provided herein, Consultant shall not assign or sublet to any other party without the prior written approval of City, which approval may be withheld in the City's sole and absolute discretion. In the event that the City, in writing, approves any assignment or subletting of this Agreement or the retention of subcontractors by Consultant, Consultant shall provide to the City upon request copies of each and every subcontract prior to the execution thereof by Consultant and subcontractor. Any attempt by Consultant to assign any

or all of its rights under this Agreement without first obtaining the City's prior written consent shall constitute a material default under this Agreement.

The sale, assignment, transfer or other disposition, on a cumulative basis, of twenty-five percent (25%) or more of the ownership interest in Consultant or twenty-five percent (25%) or more the voting control of Consultant (whether Consultant is a corporation, limited liability company, partnership, joint venture or otherwise) shall constitute an assignment for purposes of this Agreement. Further, the involvement of Consultant or its assets in any transaction or series of transactions (by way of merger, sale, acquisition, financing, transfer, leveraged buyout or otherwise), whether or not a formal assignment or hypothecation of this Agreement or Consultant's assets occurs, which reduces Consultant's assets or net worth by twenty-five percent (25%) or more shall also constitute an assignment for purposes of this Agreement.

20. Subcontractors. Consultant shall provide properly skilled professional and technical personnel to perform any approved subcontracting duties. Consultant shall not engage the services of any person or persons now employed by the City without the prior written approval of City, which approval may be withheld in the City's sole and absolute discretion.
21. Integration. This Agreement constitutes the entire agreement between the parties concerning the subject matter hereof and supersedes any previous oral or written agreement; provided, however, that correspondence or documents exchanged between Consultant and City may be used to assist in the interpretation of the exhibits to this Agreement.
22. Amendment. This Agreement may be amended or modified only by a subsequent written amendment executed by both parties.
23. Conflicting Provisions. In the event of a conflict between the terms and conditions of this Agreement and those of any exhibit or attachment hereto, this Agreement proper shall prevail. In the event of a conflict between the terms and conditions of any two or more exhibits or attachments hereto, those prepared by the City shall prevail over those prepared by Consultant.
24. Non-Exclusivity. Notwithstanding any provision herein to the contrary, the services provided by Consultant hereunder shall be non-exclusive, and City reserves the right to employ other contractors in connection with the project.
25. Exhibits. All exhibits hereto are made a part hereof and incorporated herein by reference; provided, however, that any language in Exhibit "A" which does not pertain to the project description, proposal, or scope of services (as applicable) to be provided by Consultant, or any corresponding responsibilities of City, shall be deemed extraneous to, and not a part of, this Agreement.
26. Time of Essence. Time is of the essence of this Agreement.

27. Confidentiality. To the extent permissible under law, Consultant shall keep confidential its obligations hereunder and the information acquired during the performance of the project or services hereunder.
28. Third Parties. Nothing herein shall be interpreted as creating any rights or benefits in any third parties. For purposes hereof, transferees or assignees as permitted under this Agreement shall not be considered "third parties."
29. Governing Law and Venue. This Agreement shall be construed in accordance with the laws of the State of California without regard to principles of conflicts of law. Venue for any litigation or other action arising hereunder shall reside exclusively in the Superior Court of the County of Los Angeles, Southwest Judicial District.
30. Attorneys' Fees. In the event either party to this Agreement brings any action to enforce or interpret this Agreement, the prevailing party in such action shall be entitled to reasonable attorneys' fees (including expert witness fees) and costs. This provision shall survive the termination of this Agreement.
31. Claims. Any claim by Consultant against City hereunder shall be subject to Government Code §§ 810 *et seq.* The claims presentation provisions of said Act are hereby modified such that the presentation of all claims hereunder to the City shall be waived if not made within six (6) months after accrual of the cause of action.
32. Interpretation. Consultant acknowledges that it has had ample opportunity to seek legal advice with respect to the negotiation of this Agreement. This Agreement shall be interpreted as if drafted by both parties.
33. Warranty. In the event that any product shall be provided to the City as part of this Agreement, Consultant warrants as follows: Consultant possesses good title to the product and the right to transfer the product to City; the product shall be delivered to the City free from any security interest or other lien; the product meets all specifications contained herein; the product shall be free from material defects in materials and workmanship under normal use for a period of one (1) year from the date of delivery; and the product shall be fit for its intended purpose(s). Notwithstanding the foregoing, consumable and maintenance items (such as light bulbs and batteries) shall be warranted for a period of thirty (30) days from the date of delivery. All repairs during the warranty period shall be promptly performed by Consultant, at Consultant's expense, including shipping. Consultant shall not be liable under this warranty for an amount greater than the amount set forth in Exhibit "C" hereto.

34. Severance. Any provision of this Agreement that is found invalid or unenforceable shall be deemed severed, and all remaining provisions of this Agreement shall remain enforceable to the fullest extent permitted by law.
35. Authority. City warrants and represents that upon City Council approval, the Mayor of the City of Redondo Beach is duly authorized to enter into and execute this Agreement on behalf of City. The party signing on behalf of Consultant warrants and represents that he or she is duly authorized to enter into and execute this Agreement on behalf of Consultant, and shall be personally liable to City if he or she is not duly authorized to enter into and execute this Agreement on behalf of Consultant.
36. Waiver. The waiver by the City of any breach of any term or provision of this Agreement shall not be construed as a waiver of any subsequent breach.

*SIGNATURES FOLLOW ON NEXT PAGE*

IN WITNESS WHEREOF, the parties have executed this Agreement in Redondo Beach, California, as of this 3<sup>rd</sup> day of March, 2026.

CITY OF REDONDO BEACH,  
a chartered municipal corporation

CHEN RYAN ASSOCIATES, INC.,  
a California corporation

\_\_\_\_\_  
James A. Light, Mayor

Signed by:  
*Arya Rad*  
By: \_\_\_\_\_  
Name: Aryo Rad  
Title: Principal  
2/18/2026 | 9:10 AM PST

ATTEST:

APPROVED:

\_\_\_\_\_  
Eleanor Manzano, City Clerk

\_\_\_\_\_  
Diane Strickfaden, Risk Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
Joy A. Ford, City Attorney

## EXHIBIT "A"

### PROJECT DESCRIPTION AND/OR SCOPE OF SERVICES

#### I. CONSULTANT'S DUTIES

Consultant shall perform the following tasks for the Traffic Signal Communication and Network System - Inglewood Avenue, Job No. 41490 ("Project") as set forth herein.

##### A. Preliminary Engineering

The intersections set forth below shall be collectively defined as the "Site".

- Inglewood Avenue and 182<sup>nd</sup> Street
- Inglewood Avenue and Ralston Lane

##### 1. Task 1 – Project Management and Meetings

Consultant shall:

- a. Provide Project management for the Project's duration, including attending kickoff and PDT meetings, coordinating with subconsultants and stakeholders, preparing meeting agendas and minutes, and submitting monthly progress reports, which shall include an updated schedule and list of completed tasks.
- b. Prepare a target schedule in Gantt chart format outlining primary tasks, review periods, and processing timelines.
  - i. Update the Project schedule showing the actual progress compared to the target and submit to the City on a monthly basis.
  - ii. Attend review meetings with City staff at 30%, 60%, 90%, and 100% submittals.

##### 2. Task 2 – Records Research and Preliminary Field Review

Consultant shall:

- a. Request and review as-built drawings, previous signal plans, utility records, and any communication network information. Information collected will be summarized in a document tracking list and will be readily available to view by the City.
- b. Conduct a comprehensive field review of the Site to review existing conditions against as-builts and inventory existing infrastructure, including equipment.
  - i. Open pull boxes and signal controller cabinets to document existing conditions such as conduit configurations, condition of conductors, and communication pathways.
  - ii. Inventory and record the make, model, and type of existing communication equipment, wireless radios, IT components, and signal controllers.
  - iii. Redline as-builts to identify existing conduit routes, infrastructure conditions, and cabling details.

- iv. Prepare a comprehensive Microsoft Excel inventory log summarizing each piece of equipment and communication link.
  - c. Coordinate with the City to discuss preferred manufacturers and equipment standards for fiber-optic, wireless radio, and/or edge-connect systems.
- 3. Task 3 – Topographic and Right-of-way Survey  
Consultant shall:
  - a. Provide a comprehensive field survey at a scale of 1" = 40' within the Project limits.
    - i. Include survey record collection, establishment of horizontal and vertical controls, and right-of-way mapping.
    - ii. Provide field survey shots consisting of back of walk, top of curb, flow line, edge of pavement, crown lines, and grade breaks at locations of curb ramp reconstruction.
  - b. Survey existing features such as utility covers, pavement limits, private property improvements, curb ramps, driveways, curbs and gutters, sidewalks, street lights and poles, fire hydrants, utility cabinets, traffic signs, and striping to the extent readily accessible and within the Project limits, and incorporate such features into the base maps.
  - c. Depict existing right-of-way limits on the survey and base maps based on readily available records.
  - d. Ensure the surveying is performed by a California Licensed Land Surveyor.
- 4. Task 4 – Prepare 30% Construction Plans, Rough Order Cost Estimate, and Design Summary Memo  
Consultant shall:
  - a. Develop 30% conceptual plans sufficient to support preliminary utility conflict review of the proposed layout for traffic signal poles, and curb extensions.
    - i. Depict existing utilities, pull boxes, and signal equipment on the plans.
    - ii. Ensure the concept plans establish the general layout, geometric limits, and preliminary dimensions of the curb extensions to support early coordination and design confirmation.
    - iii. Conduct a preliminary design review workshop with City staff to review existing conditions and confirm the preferred layout for curb extensions, curb ramps, and signal pole locations prior to submittal of the 30% plans.
  - b. Prepare a preliminary rough order magnitude cost estimate to evaluate how the proposed design aligns with the available construction budget.
  - c. Prepare a Design Summary Memo detailing the key design decisions and direction established through coordination with City staff.
    - i. Document the City's feedback on the 30% preliminary plans.
    - ii. Incorporate findings from the utility review.
    - iii. Reflect cost considerations from the rough order of magnitude estimate.

## 5. Task 5 – Synchro Model Development and Analysis

Consultant shall:

- a. Collect turning movement counts during weekday AM (7 am to 9 am) and PM (4 pm to 6 pm) peak hours to capture a traffic volume study. Counts will encompass vehicles, pedestrians, and bicycles to provide a multimodal assessment of intersection activity.
- b. Collect a weekday and weekend Average Daily Traffic (ADT) data to refine the selection of peak-hour periods used in the timing analysis. Summarize the count data in both PDF and Microsoft Excel formats.
- c. Collect video recordings of each intersection to observe and document existing operational characteristics such as travel patterns, queueing, cycle length utilization, and driver behavior. Use the information to calibrate realistic traffic simulation models that accurately reflect existing conditions.
- d. Use the data collected to develop and calibrate Synchro models for two analysis scenarios: AM and PM peak periods. Utilize the models to evaluate current signal phasing, cycle lengths, splits, and offsets.
- e. Prepare timing optimization recommendations to enhance coordination efficiency, improve progression, and verify compliance with pedestrian clearance time requirements under the California MUTCD and ADA standards.
- f. Summarize findings and recommendations in a Signal Timing Evaluation Memorandum.
- g. Incorporate the City's feedback to finalize the proposed timing plans and simulation models. Submit final Synchro and SimTraffic files for both existing and proposed conditions to the City as part of the final documentation package.

## B. **Construction Documents (60%, 90%, 100%, and Final)**

### 1. Task 6 – Utility Coordination

Consultant shall:

- a. With record drawings and utility data gathered in Task 2 such as GIS mapping, as-built plans, right-of-way data, future improvement plans adjacent to or affecting the Site, prepare a utility agency tracking list identifying substructure and utility owner-operators, including contact information.
- b. Assist the City with utility notification letters which will outline the scope of work required by the utility agency consisting of the following: Utility Information Requests, Prepare to Relocate Notice/Final Utility Notice Forms, and Notices to Relocate.
- c. Coordinate with SCE for the point of connection for new signal service meters.
- d. Prepare and submit the SCE application to request new traffic signal service points and provide exhibits showing the new proposed meter locations and layout.
- e. Utility agency fees shall be paid for by the City.

2. Task 7 – Construction Plans, Specifications, and Estimates

Consultant shall:

- a. Develop Plans, Specifications, and Estimates (PS&E) for the 60%, 90%, 100%, and Final.
- b. Prepare the PS&E based on standards and specifications from the City, Caltrans, California MUTCD, and Public Works Construction.
- c. PS&E shall consist of the following at each submittal:
  - i. Title Sheet/Vicinity Map (1 sheet)
  - ii. General Notes (1 sheet)
  - iii. Construction Details (3 sheets)
  - iv. Traffic Signal Modifications, 1" = 20' scale (2 sheets)
  - v. Signing and Marking Plans, 1" = 40' scale (2 sheets)
  - vi. Intersection Demolition Plans, 1" = 10' scale (2 sheets)
  - vii. Intersection Improvement Plans, 1" = 10' scale (4 sheets)
  - viii. Opinion of Probable Construction Costs
  - ix. Technical Specifications
  - x. Construction Implementation Schedule
  - xi. Comment Response Matrices (at 90%, 100%, and Final submittal)
  - xii. AutoCAD files (at Final submittal)
- d. Plans shall be prepared using AutoCAD 2024 software and submitted in 24" x 36" PDF format.

3. Task 8 – Opinion of Probable Construction Cost (OPCC)

Consultant shall:

- a. Prepare an OPCC based on quantities where unit prices will be derived from readily available current bid information based on similar projects within the area.
- b. Present OPCC to show the bid items, unit prices, contingencies, and overall costs in Microsoft Excel and PDF format.

4. Task 9 – Technical Specifications

Consultant shall:

- a. Prepare technical specifications based on the boilerplate supplied by the City.
- b. Show references for the technical provisions to the City's Standards, Standard Specifications for Public Works Construction (Greenbook), Caltrans, or other applicable standards, using the latest adopted versions in effect at the time the specifications are prepared.
- c. In the event of conflict between the standards or specifications, City's Standards shall govern, followed by the Standard Specifications for Public Works Constructions (Greenbook), Caltrans Plans and Specifications, unless otherwise directed by the City Engineer or designee.

5. Task 10 - Construction Implementation Schedule

Consultant shall:

- a. Prepare a construction implementation schedule to estimate the number of working days required for the contractor to complete all major Project activities.
  - b. Ensure the schedule outlines the logical sequence and duration of each construction phase from mobilization to final acceptance.
    - i. Identify the major work categories, such as mobilization and pre-construction activities, temporary traffic control and demolition, civil and ADA construction, underground electrical installation, signal pole and foundation construction, cabinet and detection installation, system testing, and final striping and demobilization.
    - ii. Include field installation time, procurement lead times for key equipment and materials, and dependencies that affect overall Project duration in the schedule.
6. Task 11 – Signal Timing Sheets  
Consultant shall:
- a. Update the existing City timing sheets with markups reflecting the new coordination parameters developed from the Synchro modeling and optimization work performed under Task 5. Depict both existing and proposed timing parameters, including phase sequences, cycle lengths, splits, offsets, and any time-of-day schedule changes in the markups.
  - b. Prepare a “field ready” draft of the timing sheets for use during construction.
  - c. Perform fine-tuning adjustments to confirm the operational performance of each Project intersection and optimize coordination along Inglewood Avenue.
  - d. Prepare Final signal timing sheets that reflect adjustments made during field review.
7. Task 12 - Potholing  
Consultant shall:
- a. Provide subsurface utility exploration services consisting of up to four (4) potholes, including temporary traffic control to safely perform the work.
    - i. Each pothole will consist of an “X-shaped” exploratory trench measuring approximately 6 feet by 6 feet.
    - ii. Upon completion of exploration, all potholes will be properly backfilled and restored with asphalt or concrete to match existing surface conditions.
  - b. Conduct potholing at the 60% design stage to verify that the proposed traffic signal pole and foundation locations are clear of existing underground utilities prior to final plan completion.
  - c. Obtain USA (Underground Service Alert) mark-outs and identify underground utility facilities, including pipes and conduits, based on field markings and subsurface observations.
  - d. Submit a pothole report documenting findings, including photographs and annotated exhibits, for City’s review.

## C. Support Services During Bidding, Award, and Construction

### 1. Task 13 – Bid Support

Consultant shall:

- a. Assist the City in preparing the bid documentation package required for advertisement of the Project construction, including incorporation of Project-specific information, final plans, specifications, special provisions, signal timing sheets, and detailed bid item tables into the City's standard contract boilerplate.
- b. Provide continued support by attending the pre-bid meeting, responding in writing to Requests for Information (RFIs) and clarifications from prospective contractors, and assisting the City in preparing and issuing addenda as needed to address questions or minor revisions.
- c. Review contractor bids for completeness and compliance with the City's bidding requirements and identify any irregularities, omissions, or non-conforming items for City review.
- d. Prepare a bid comparison worksheet summarizing quantities, unit prices, and total bid amounts.

### 2. Task 14 – Design Support During Construction

Consultant shall assist the City during the construction phase by responding to the Contractor's RFIs, preparing addenda, reviewing submittals and change orders, and providing clarifications.

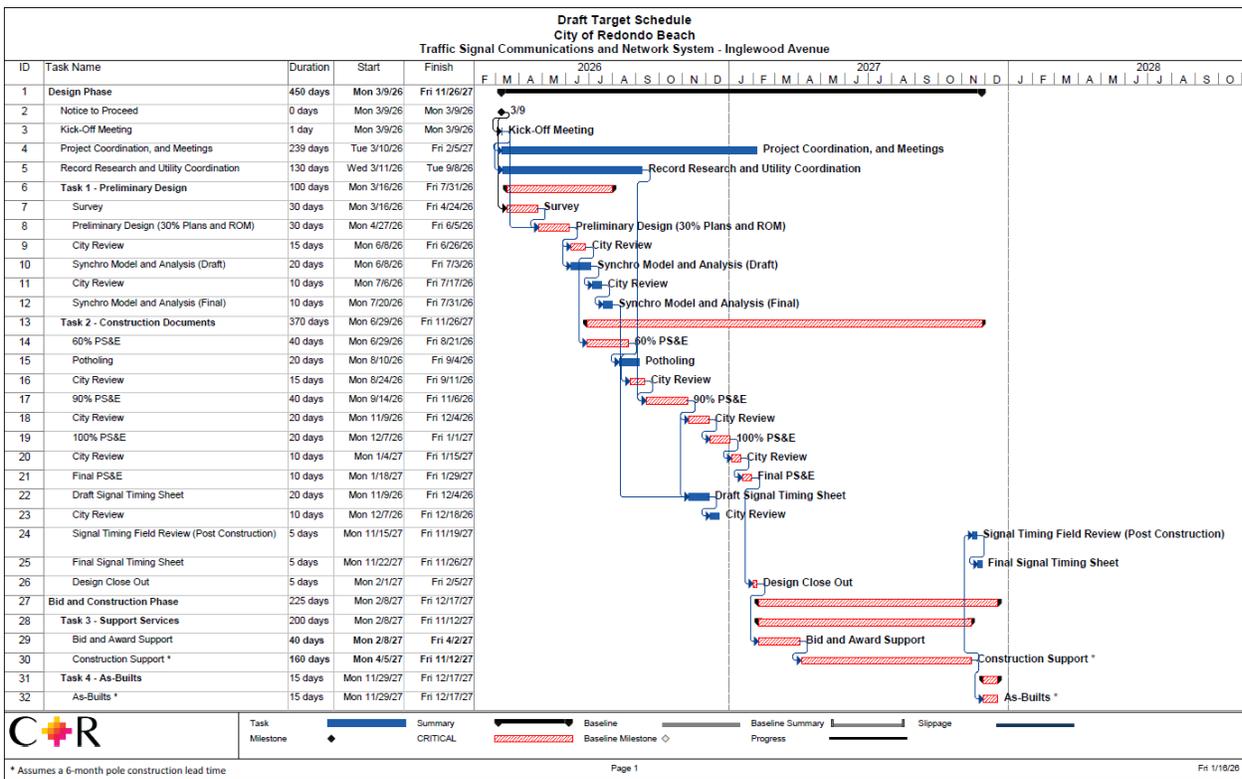
### 3. Task 15 – As-builts

Upon construction completion, Consultant shall record final improvements into an as-built plan set utilizing information provided by the City.

# EXHIBIT "B"

## TERM AND TIME OF COMPLETION

**TERM.** The term of this Agreement shall commence on March 9, 2026 and continue through December 17, 2027 ("Term"), unless otherwise terminated as herein provided. This Agreement may be extended for one additional year subject to the same terms and conditions contained herein. However, no extension shall be effective unless the City Engineer provides a written letter authorizing the extension at least 15 days prior to the expiration of the current term. Consultant shall complete all duties in accordance with the following schedule, which may be modified by the City in its sole discretion, and no amendment shall be required for changes to this schedule.



**EXHIBIT “C”**

**COMPENSATION**

Provided Consultant is not in default under this Agreement, Consultant shall be compensated as provided below.

A. **AMOUNT.** Consultant shall be paid in accordance with the following hourly rates.

<b>STAFF</b>	<b>HOURLY RATE/LUMP SUM</b>
Principal	\$340
Project Manager	\$240
Senior Professional Engineer III/QC/QA	\$310
Professional Engineer III	\$240
Professional Engineer I	\$205
Analyst III	\$170
Analyst II	\$155
Analyst I	\$140
Administrative Support	\$165
*Subcontractor	Lump sum cost as provided by Consultant.

\*Consultant shall submit detailed subcontractor estimates for City review and written approval prior to incurring any subcontractor costs. All approved subcontractor costs shall be charged to the applicable task and shall count toward the task and total not to exceed amounts.

B. **NOT TO EXCEED AMOUNT.** In no event shall Consultant's compensation under this Agreement exceed \$225,771.60. Attachment 1 sets forth the maximum compensation allocated to each task identified in Exhibit “A”. Consultant shall manage its services so as not to exceed the compensation allocated to any task without City’s prior written approval. Any reallocation of compensation between tasks shall require the City’s prior written approval and shall not increase the total not to exceed amount.

Consultant’s compensation set forth herein is fully burdened and includes all costs, expenses, overhead, and profit. Consultant shall not be entitled to any additional reimbursement, including without limitation, costs for travel, mileage, reproduction, telephone, postal, delivery, reference materials, or incidental expenses.

C. **METHOD OF PAYMENT.** Consultant shall submit monthly invoices to the City for approval and payment. Invoices shall provide the following:

1. A description of work performed;

2. Applicable task number(s) under Exhibit "A";
3. The staff title;
4. The hourly rate and corresponding number of hours worked;
5. The cost of the subcontractors, if applicable; and
6. If work is completed by a subcontractor, provide the percentage of work completed and a prorated fee for any partial work completed.

Invoices must be itemized, adequately detailed, based on accurate records, in a form reasonably satisfactory to the City. Consultant shall provide any other back-up material upon request.

- D. **SCHEDULE FOR PAYMENT.** City agrees to pay Consultant within thirty (30) days of the City's receipt and approval of the monthly invoice; provided, however, that those services are completed to the City's reasonable satisfaction and there is no dispute over the amount.
- E. **NOTICE.** Written notices to City and Consultant shall be given by registered or certified mail, postage prepaid, or personally served, and addressed to the following parties.

Consultant: Chen Ryan Associates  
800 Wilshire Boulevard, Suite 620  
Los Angeles, CA 90017  
Attention: Aryo Rad, Principal

City: City of Redondo Beach  
Public Works Department, Engineering Division  
415 Diamond Street  
Redondo Beach, CA 90277  
Attention: Lauren Sablan, City Engineer

All notices, including notices of address changes, provided under this Agreement are deemed received as follows: (1) on the third day after mailing if sent by registered or certified mail; or (2) upon personal delivery. Changes in the respective address set forth above may be made from time to time by any party upon written notice to the other party in accordance with this section.

# ATTACHMENT 1

## RATE SCHEDULE

Task	Task Description	Classification	CR Associates								CRA Hours Per Task	CRA Cost Per Task	Subconsultant			Total Costs	
			Principal	Project Manager	Senior Professional III/ GC/GA	Professional III	Professional I	Analyst III	Analyst II	Analyst I			Admin Support	CH&A	BTL (Direct Expense)		[Sub] Cost Per Task
			Hourly Rates	\$340.00	\$240.00	\$310.00	\$240.00	\$205.00	\$170.00	\$155.00			\$140.00	\$165.00	Survey		Potholing
1	Preliminary Design											203	\$ 38,740.00				\$ 58,740.00
1.1	Project Management		5	12					6			32	\$ 7,260.00				\$ 7,260.00
1.2	Meetings		2	10		4	4					20	\$ 4,860.00				\$ 4,860.00
1.3	Records Research & Preliminary Field Review			1			2					27	\$ 4,370.00				\$ 4,370.00
1.4	Topographic and R/W Survey			1			10					11	\$ 2,290.00	\$ 20,000.00		\$ 20,000.00	\$ 22,290.00
1.5	Construction Plans (30%, 4 Sheets), Rough Order Magnitude Cost Estimate, Design Summary Memo			4	1	8	22		55			90	\$ 16,225.00				\$ 16,225.00
1.6	Synchro Model Development and Analysis											0	\$ -				\$ -
	Turning Movement Count Review						1		2			3	\$ 515.00				\$ 515.00
	Synchro Existing Conditions and Proposed (2 scenarios)			1		2		4				20	\$ 3,220.00				\$ 3,220.00
2	Construction Documents (60%, 90%, 100%, Final)											696	\$ 130,310.00				\$ 149,401.60
2.1	Utility Coordination			4			8		55			67	\$ 11,125.00				\$ 11,125.00
2.2	Construction Plans, Specifications, and Estimates											0	\$ -				\$ -
2.2.1	Construction Plans											0	\$ -				\$ -
	Title Sheet (1 Sheet)			1		1	2		4			8	\$ 1,510.00				\$ 1,510.00
	Traffic Signal Modification Plans (3 Sheets)			8	4	12	40		120			184	\$ 32,840.00				\$ 32,840.00
	Signing & Marking Plans (2 Sheets)			2	3	4	12		24			45	\$ 8,550.00				\$ 8,550.00
	Intersection Demolition Plans (2 Sheets)			1	2	8	35		20			66	\$ 13,055.00				\$ 13,055.00
	Intersection Improvement Plans (4 Sheets)			8	4	12	66		70			160	\$ 30,420.00				\$ 30,420.00
2.2.2	Opinion of Probable Construction Costs			2		6	8		30			46	\$ 8,210.00				\$ 8,210.00
2.2.3	Technical Specifications			10	2	12	16					40	\$ 9,180.00				\$ 9,180.00
2.2.4	Construction Implementation Schedule			2		6	4					12	\$ 2,740.00				\$ 2,740.00
2.3	Signal Timing Sheets & Fine Tuning			4	1		20					53	\$ 9,290.00				\$ 9,290.00
2.4	Potholing (4 Potholes, Exhibits, Coordination)			1	2	2	10					15	\$ 3,390.00		\$ 19,091.60	\$ 19,091.60	\$ 22,481.60
3	Support Services During Bidding, Award, & Construction											64	\$ 12,520.00				\$ 12,520.00
3.1	Bid & Award Support			4		8	6		6			24	\$ 5,040.00				\$ 5,040.00
3.2	Design Support During Construction			2		6	12		20			40	\$ 7,480.00				\$ 7,480.00
4	As-Builts			2		2	4		6			14	\$ 2,710.00				\$ 2,710.00
	Expenses												\$ 2,400.00				\$ 2,400.00
	Print, Travel, Mail												\$ 1,500.00				\$ 1,500.00
	Traffic Volume Counts (AM, PM, ADT)												\$ 900.00				\$ 900.00
	<b>Total</b>		<b>8</b>	<b>80</b>	<b>19</b>	<b>93</b>	<b>282</b>	<b>22</b>	<b>412</b>	<b>53</b>	<b>8</b>	<b>977</b>	<b>\$ 186,680.00</b>	<b>\$ 20,000.00</b>	<b>\$ 19,091.60</b>	<b>\$ 39,091.60</b>	<b>\$ 226,771.60</b>

## EXHIBIT "D"

### INSURANCE REQUIREMENTS FOR CONSULTANTS

Without limiting Consultant's indemnification obligations under this Agreement, Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Consultant, its agents, representatives, or employees.

#### Minimum Scope of Insurance

Coverage shall be at least as broad as:

Insurance Services Office Commercial General Liability coverage (occurrence form CG 0001).

Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).

Workers' Compensation insurance as required by the State of California.

Employer's Liability Insurance.

#### Minimum Limits of Insurance

Consultant shall maintain limits no less than:

General Liability: \$2,000,000 per occurrence for bodily injury, personal injury and property damage. The general aggregate limit of \$4,000,000 shall apply separately to this project.

Automobile Liability: \$1,000,000 per accident for bodily injury and property damage.

Employer's Liability: \$1,000,000 per accident for bodily injury or disease.

#### Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: (1) the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers or (2) the Consultant shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

### Other Insurance Provisions

The general liability and automobile liability policies shall contain, or be endorsed to contain, the following provisions:

#### Additional Insured Endorsement:

**General Liability:** The City, its officers, elected and appointed officials, employees, and volunteers shall be covered as insureds with respect to liability arising out of work performed by or on behalf of the Consultant. General liability coverage can be provided in the form of an endorsement to the Consultant's insurance, or as a separate owner's policy.

**Automobile Liability:** The City, its officers, elected and appointed officials, employees, and volunteers shall be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Consultant.

For any claims related to this project, the Consultant's insurance coverage shall be primary insurance as respects the City, its officers, elected and appointed officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

Each insurance policy shall be endorsed to state that the inclusion of more than one insured shall not operate to impair the rights of one insured against another insured, and the coverages afforded shall apply as though separate policies had been issued to each insured.

Each insurance policy shall be in effect prior to awarding the contract and each insurance policy or a successor policy shall be in effect for the duration of the project. The maintenance of proper insurance coverage is a material element of the contract and failure to maintain or renew coverage or to provide evidence of renewal may be treated by the City as a material breach of contract on the Consultant's part.

#### Acceptability of Insurers

Insurance shall be placed with insurers with a current A.M. Best's rating of no less than A:VII and which are authorized to transact insurance business in the State of California by the Department of Insurance.

### Verification of Coverage

Consultant shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements should be on the City authorized forms provided with the contract specifications. Standard ISO forms which shall be subject to City approval and amended to conform to the City's requirements may be acceptable in lieu of City authorized forms. All certificates and endorsements shall be received and approved by the City before the contract is awarded. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements effecting the coverage required by these specifications at any time.

### Subcontractors

Consultant shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

### Risk Management

Consultant acknowledges that insurance underwriting standards and practices are subject to change, and the City reserves the right to make changes to these provisions in the reasonable discretion of its Risk Manager.

## EXHIBIT "E"

### AGREEMENT TO COMPLY WITH CALIFORNIA LABOR LAW REQUIREMENTS

1. Consultant acknowledges that the project as defined in this Agreement between Consultant and the City, to which this Agreement to Comply with California Labor Law Requirements is attached and incorporated by reference, is a "public work" as defined in Division 2, Part 7, Chapter 1 (commencing with Section 1720) of the California Labor Code ("Chapter 1"), and that this Agreement is subject to (a) Chapter 1, including without limitation Labor Code Section 1771 and (b) the rules and regulations established by the Director of Industrial Relations ("DIR") implementing such statutes. Consultant shall perform all work on the project as a public work. 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. Pursuant to Labor Code Section 1771.4, Consultant shall post job site notices, as prescribed by regulation.

4. 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.

5. 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 the City, forfeit the maximum amount allowable by law 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.

6. Consultant shall comply with and be bound by the provisions of Labor Code Section 1776, which requires Consultant and each subcontractor to (1) keep accurate payroll records and verify such records in writing under penalty of perjury, as specified in Section 1776, (2) certify and make such payroll records available for inspection as provided by Section 1776, and (3) inform the City of the location of the records.

7. 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 sixty (60) days after concluding work pursuant to this Agreement, Consultant and each of its subcontractors shall submit to the City a verified statement of the journeyman and apprentice hours performed under this Agreement.

8. Consultant acknowledges that eight (8) 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 the City, forfeit twenty-five dollars (\$25) 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 (8) hours in any one (1) calendar day and forty (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 8 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 8 hours per day at not less than 1 and 1/2 times the basic rate of pay.

9. 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."

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

11. To the maximum extent permitted by law, Consultant shall indemnify, hold harmless, and defend (at Consultant's expense with counsel acceptable to the City) the City, its officials, officers, employees, agents, independent contractors, 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 in this Exhibit "E" 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, except for such loss or damage which was caused by the sole negligence or willful misconduct of the City. This indemnification obligation shall survive the termination of the Agreement.