

## AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

**THIS AGREEMENT** (hereafter Agreement) is made by and between the Santa Barbara County Water Agency, a dependent special district of the County of Santa Barbara, a political subdivision of the State of California (hereafter COUNTY) and Carollo Engineers, Inc., having its principal place of business at 3150 Bristol Street, Suite 500, Costa Mesa, California, 92626 (hereafter ENGINEER) wherein ENGINEER agrees to provide and COUNTY agrees to accept the services specified herein.

**WHEREAS**, ENGINEER represents that it is specially trained, skilled, experienced, and competent to perform the special services required by COUNTY and COUNTY desires to retain the services of ENGINEER pursuant to the terms, covenants, and conditions herein set forth;

**NOW, THEREFORE**, in consideration of the mutual covenants and conditions contained herein, the parties agree as follows:

### **1. DESIGNATED REPRESENTATIVE**

Martin Wilder, P.E., at phone number (805) 803-8755 is the representative of COUNTY and will administer this Agreement for and on behalf of COUNTY. Graham Juby, P.E., at phone number (714) 593-5100 is the authorized representative for ENGINEER. Changes in designated representatives shall be made only after advance written notice to the other party.

### **2. NOTICES**

Any notice or consent required or permitted to be given under this Agreement shall be given to the respective parties in writing, by personal delivery or facsimile, or with postage prepaid by first class mail, registered or certified mail, or express courier service, as follows:

|              |   |
|--------------|---|
| To COUNTY:   | Martin Wilder, P.E.<br>Laguna County Sanitation District<br>620 West Foster Road<br>Santa Maria, CA 93455<br>Ph: (805) 803-8755<br>Email: <a href="mailto:mwilder@countyofsb.org">mwilder@countyofsb.org</a>                  |
|              | Matt Young<br>Santa Barbara County Water Agency<br>130 East Victoria Street, Suite 200<br>Santa Barbara, CA 93101<br>Ph: (805) 568-3546<br>Email: <a href="mailto:mcyoung@countyofsb.org">mcyoung@countyofsb.org</a>          |
| To ENGINEER: | Graham Juby, P.E.<br>Carollo Engineers, Incorporated<br>3150 Bristol Street, Suite 500<br>Costa Mesa, CA 92626<br>Ph: (714) 593-5100 or (714) 593-5101<br>Email: <a href="mailto:gjgjury@carollo.com">gjgjury@carollo.com</a> |

or at such other address or to such other person that the parties may from time to time designate in accordance with this Notices section. If sent by first class mail, notices and consents under this section shall be deemed to be received five (5) days following their deposit in the U.S. mail. This Notices section shall not be construed as meaning that either party agrees to service of process except as required by applicable law.

### **3. SCOPE OF SERVICES**

ENGINEER agrees to provide services to COUNTY in accordance with EXHIBIT A attached hereto and incorporated herein by reference. Said scope includes Tasks 1 through 4 in addition to Optional Task 1.

### **4. TERM**

CONTRACTOR shall commence performance on August 23, 2022 and end performance upon completion, but no later than June 30, 2023 unless otherwise directed by COUNTY or unless earlier terminated.

### **5. COMPENSATION**

In full consideration for ENGINEER's services, ENGINEER shall be paid for performance under this Agreement in accordance with the terms of EXHIBIT B attached hereto and incorporated herein by reference. Billing shall be made by invoice, which shall include the contract number assigned by COUNTY and which is delivered to the address given in Section 2 NOTICES above following completion of the increments identified on EXHIBIT B. Unless otherwise specified on EXHIBIT B, payment shall be net thirty (30) days from presentation of invoice.

### **6. INDEPENDENT CONTRACTOR**

It is mutually understood and agreed that ENGINEER (including any and all of its officers, agents, and employees), shall perform all of its services under this Agreement as an independent contractor as to COUNTY and not as an officer, agent, servant, employee, joint venture, partner, or associate of COUNTY. Furthermore, COUNTY shall have no right to control, supervise, or direct the manner or method by which ENGINEER shall perform its work and function. However, COUNTY shall retain the right to administer this Agreement so as to verify that ENGINEER is performing its obligations in accordance with the terms and conditions hereof. ENGINEER understands and acknowledges that it shall not be entitled to any of the benefits of a COUNTY employee, including but not limited to vacation, sick leave, administrative leave, health insurance, disability insurance, retirement, unemployment insurance, workers' compensation and protection of tenure. ENGINEER shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, ENGINEER shall be solely responsible and save COUNTY harmless from all matters relating to payment of ENGINEER's employees, including compliance with Social Security withholding and all other regulations governing such matters. It is acknowledged that during the term of this Agreement, ENGINEER may be providing services to others unrelated to the COUNTY or to this Agreement.

### **7. STANDARD OF PERFORMANCE**

ENGINEER represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, ENGINEER shall perform all such services in the manner and according to the standards observed by a competent practitioner of the same profession in which ENGINEER is engaged. All products of whatsoever nature, which ENGINEER delivers to COUNTY pursuant to this Agreement, shall be prepared in a first class and workmanlike manner and shall conform to the standards of quality normally observed by a person practicing in ENGINEER's profession. ENGINEER shall correct or revise any errors or omissions, at COUNTY's request without additional compensation. Permits and/or licenses shall be obtained and maintained by ENGINEER without additional compensation. In providing opinions of cost, financial analyses, economic feasibility projections, and schedules for potential projects, ENGINEER has no control over cost or price of labor and material; unknown or latent conditions of existing equipment or structures that may affect operation and maintenance costs; competitive bidding procedures and market conditions; time or quality of performance of third parties; quality, type, management, or direction of operating personnel; and other economic and operational factors that may materially affect the ultimate

project cost or schedule. Therefore, ENGINEER makes no warranty that COUNTY's actual project costs, financial aspects, economic feasibility, or schedules will not vary from ENGINEER's opinions, analyses, projections, or estimates.

#### **8. DEBARMENT AND SUSPENSION**

ENGINEER certifies to COUNTY that it and its employees and principals are not debarred, suspended, or otherwise excluded from or ineligible for, participation in federal, state, or county government contracts. ENGINEER certifies that it shall not contract with a subcontractor that is so debarred or suspended.

#### **9. TAXES**

ENGINEER shall pay all taxes, levies, duties, and assessments of every nature due in connection with any work under this Agreement and shall make any and all payroll deductions required by law. COUNTY shall not be responsible for paying any taxes on ENGINEER's behalf, and should COUNTY be required to do so by state, federal, or local taxing agencies, ENGINEER agrees to promptly reimburse COUNTY for the full value of such paid taxes plus interest and penalty, if any. These taxes shall include, but not be limited to, the following: FICA (Social Security), unemployment insurance contributions, income tax, disability insurance, and workers' compensation insurance.

#### **10. CONFLICT OF INTEREST**

ENGINEER covenants that ENGINEER presently has no employment or interest and shall not acquire any employment or interest, direct or indirect, including any interest in any business, property, or source of income, which would conflict in any manner or degree with the performance of services required to be performed under this Agreement. ENGINEER further covenants that in the performance of this Agreement, no person having any such interest shall be employed by ENGINEER. ENGINEER must promptly disclose to COUNTY, in writing, any potential conflict of interest. COUNTY retains the right to waive a conflict of interest disclosed by ENGINEER if COUNTY determines it to be immaterial, and such waiver is only effective if provided by COUNTY to ENGINEER in writing.

#### **11. OWNERSHIP OF DOCUMENTS AND INTELLECTUAL PROPERTY**

COUNTY shall be the owner of the following items incidental to this Agreement upon production, whether or not completed: all data collected, all documents of any type whatsoever, all photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials, and any material necessary for the practical use of such items, from the time of collection and/or production whether or not performance under this Agreement is completed or terminated prior to completion. Any reuse of completed documents or use of partially completed documents without written verification or concurrence by ENGINEER for the specific purpose intended will be at COUNTY's sole risk and without liability or legal exposure to ENGINEER. ENGINEER shall not release any of such items to other parties except after prior written approval of COUNTY.

ENGINEER's instruments of service hereunder are the printed hard copy drawings and specifications issued for the Project, whereas electronic media, including CAD files, are tools for their preparation. As a convenience to COUNTY, ENGINEER shall furnish to COUNTY both printed hard copies and electronic media. In the event of a conflict in their content, the printed hard copies shall take precedence over the electronic media. Because data stored in electronic media form can be altered, inadvertently, it is agreed that COUNTY shall hold ENGINEER harmless from liability arising out of changes or modifications to ENGINEER's data in electronic media form in COUNTY's possession or released to others by COUNTY.

Unless otherwise specified in Exhibit A, ENGINEER hereby assigns to COUNTY all copyright, patent, and other intellectual property and proprietary rights to all data, documents, reports, photos, designs, sound or audiovisual recordings, software code, inventions, technologies, and other materials prepared or provided by ENGINEER pursuant to this Agreement (collectively referred to as "Copyrightable Works and Inventions"). COUNTY shall have the unrestricted authority to copy, adapt, perform, display, publish, disclose, distribute, create derivative works from, and

otherwise use in whole or in part, any Copyrightable Works and Inventions. ENGINEER agrees to take such actions and execute and deliver such documents as may be needed to validate, protect and confirm the rights and assignments provided hereunder. ENGINEER warrants that any Copyrightable Works and Inventions and other items provided under this Agreement will not infringe upon any intellectual property or proprietary rights of any third party. ENGINEER at its own expense shall defend, indemnify, and hold harmless COUNTY against any claim that any Copyrightable Works or Inventions or other items provided by ENGINEER hereunder infringe upon intellectual or other proprietary rights of a third party, and ENGINEER shall pay any damages, costs, settlement amounts, and fees (including attorneys' fees) that may be incurred by COUNTY in connection with any such claims. This Ownership of Documents and Intellectual Property provision shall survive expiration or termination of this Agreement.

#### **12. NO PUBLICITY OR ENDORSEMENT**

ENGINEER shall not use COUNTY's name or logo or any variation of such name or logo in any publicity, advertising or promotional materials. ENGINEER shall not use COUNTY's name or logo in any manner that would give the appearance that the COUNTY is endorsing ENGINEER. ENGINEER shall not in any way contract on behalf of or in the name of COUNTY. ENGINEER shall not release any informational pamphlets, notices, press releases, research reports, or similar public notices concerning the COUNTY or its projects, without obtaining the prior written approval of COUNTY.

#### **13. COUNTY PROPERTY AND INFORMATION**

All of COUNTY's property, documents, and information provided for ENGINEER's use in connection with the services shall remain COUNTY's property, and ENGINEER shall return any such items whenever requested by COUNTY and whenever required according to the Termination section of this Agreement. ENGINEER may use such items only in connection with providing the services. ENGINEER shall not disseminate any COUNTY property, documents, or information without COUNTY's prior written consent.

#### **14. RECORDS, AUDIT, AND REVIEW**

ENGINEER shall keep such business records pursuant to this Agreement as would be kept by a reasonably prudent practitioner of ENGINEER's profession and shall maintain such records for at least four (4) years following the termination of this Agreement. All accounting records shall be kept in accordance with generally accepted accounting principles. COUNTY shall have the right to audit and review all such documents and records at any time during ENGINEER's regular business hours or upon reasonable notice. In addition, if this Agreement exceeds ten thousand dollars (\$10,000.00), ENGINEER shall be subject to the examination and audit of the California State Auditor, at the request of the COUNTY or as part of any audit of the COUNTY, for a period of three (3) years after final payment under the Agreement (Cal. Govt. Code Section 8546.7). ENGINEER shall participate in any audits and reviews, whether by COUNTY or the State, at no charge to COUNTY.

If federal, state or COUNTY audit exceptions are made relating to this Agreement, ENGINEER shall reimburse all costs incurred by federal, state, and/or COUNTY governments associated with defending against the audit exceptions or performing any audits or follow-up audits, including but not limited to: audit fees, court costs, attorneys' fees based upon a reasonable hourly amount for attorneys in the community, travel costs, penalty assessments and all other costs of whatever nature. Immediately upon notification from COUNTY, ENGINEER shall reimburse the amount of the audit exceptions and any other related costs directly to COUNTY as specified by COUNTY in the notification.

#### **15. INDEMNIFICATION AND INSURANCE**

ENGINEER agrees to the indemnification and insurance provisions as set forth in EXHIBIT C attached hereto and incorporated herein by reference.

## 16. NONDISCRIMINATION

COUNTY hereby notifies ENGINEER that COUNTY's Unlawful Discrimination Ordinance (Article XIII of Chapter 2 of the Santa Barbara County Code) applies to this Agreement and is incorporated herein by this reference with the same force and effect as if the ordinance were specifically set out herein and ENGINEER agrees to comply with said ordinance.

## 17. NONEXCLUSIVE AGREEMENT

ENGINEER understands that this is not an exclusive Agreement and that COUNTY shall have the right to negotiate with and enter into contracts with others providing the same or similar services as those provided by ENGINEER as the COUNTY desires.

## 18. NON-ASSIGNMENT

ENGINEER shall not assign, transfer or subcontract this Agreement or any of its rights or obligations under this Agreement without the prior written consent of COUNTY and any attempt to so assign, subcontract or transfer without such consent shall be void and without legal effect and shall constitute grounds for termination.

## 19. TERMINATION

- A. By COUNTY. COUNTY may, by written notice to ENGINEER, terminate this Agreement in whole or in part at any time, whether for COUNTY's convenience, for nonappropriation of funds, or because of the failure of ENGINEER to fulfill the obligations herein.
1. **For Convenience.** COUNTY may terminate this Agreement in whole or in part upon thirty (30) days written notice. During the thirty (30) day period, ENGINEER shall, as directed by COUNTY, wind down and cease its services as quickly and efficiently as reasonably possible, without performing unnecessary services or activities and by minimizing negative effects on COUNTY from such winding down and cessation of services.
  2. **For Nonappropriation of Funds.** Notwithstanding any other provision of this Agreement, in the event that no funds or insufficient funds are appropriated or budgeted by federal, state or COUNTY governments, or funds are not otherwise available for payments in the fiscal year(s) covered by the term of this Agreement, then COUNTY will notify ENGINEER of such occurrence and COUNTY may terminate or suspend this Agreement in whole or in part, with or without a prior notice period. Subsequent to termination of this Agreement under this provision, COUNTY shall have no obligation to make payments with regard to the remainder of the term.
  3. **For Cause.** Should ENGINEER default in the performance of this Agreement or materially breach any of its provisions, COUNTY may, at COUNTY's sole option, terminate or suspend this Agreement in whole or in part by written notice. Upon receipt of notice, ENGINEER shall immediately discontinue all services affected (unless the notice directs otherwise) and notify COUNTY as to the status of its performance. The date of termination shall be the date the notice is received by ENGINEER, unless the notice directs otherwise.
- B. By ENGINEER. Should COUNTY fail to pay ENGINEER all or any part of the payment set forth in EXHIBIT B, ENGINEER may, at ENGINEER's option terminate this Agreement if such failure is not remedied by COUNTY within thirty (30) days of written notice to COUNTY of such late payment.
- C. Upon termination, ENGINEER shall deliver to COUNTY all data, estimates, graphs, summaries, reports, and all other property, records, documents or papers as may have been accumulated or produced by

ENGINEER in performing this Agreement, whether completed or in process, except such items as COUNTY may, by written permission, permit ENGINEER to retain. Notwithstanding any other payment provision of this Agreement, COUNTY shall pay ENGINEER for satisfactory services performed to the date of termination to include a prorated amount of compensation due hereunder less payments, if any, previously made. In no event shall ENGINEER be paid an amount in excess of the full price under this Agreement nor for profit on unperformed portions of service. ENGINEER shall furnish to COUNTY such financial information as in the judgment of COUNTY is necessary to determine the reasonable value of the services rendered by ENGINEER. In the event of a dispute as to the reasonable value of the services rendered by ENGINEER, the decision of COUNTY shall be final. The foregoing is cumulative and shall not affect any right or remedy which COUNTY may have in law or equity.

#### **20. SECTION HEADINGS**

The headings of the several sections, and any Table of Contents appended hereto, shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof.

#### **21. SEVERABILITY**

If any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, then such provision or provisions shall be deemed severable from the remaining provisions hereof, and such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

#### **22. REMEDIES NOT EXCLUSIVE**

No remedy herein conferred upon or reserved to COUNTY is intended to be exclusive of any other remedy or remedies, and each and every such remedy, to the extent permitted by law, shall be cumulative and in addition to any other remedy given hereunder or now or hereafter existing at law or in equity or otherwise.

#### **23. TIME IS OF THE ESSENCE**

Time is of the essence in this Agreement and each covenant and term is a condition herein.

#### **24. NO WAIVER OF DEFAULT**

No delay or omission of COUNTY to exercise any right or power arising upon the occurrence of any event of default shall impair any such right or power or shall be construed to be a waiver of any such default or an acquiescence therein; and every power and remedy given by this Agreement to COUNTY shall be exercised from time to time and as often as may be deemed expedient in the sole discretion of COUNTY.

#### **25. ENTIRE AGREEMENT AND AMENDMENT**

In conjunction with the matters considered herein, this Agreement contains the entire understanding and agreement of the parties and there have been no promises, representations, agreements, warranties or undertakings by any of the parties, either oral or written, of any character or nature hereafter binding except as set forth herein. This Agreement may be altered, amended or modified only by an instrument in writing, executed by the parties to this Agreement and by no other means. Each party waives their future right to claim, contest or assert that this Agreement was modified, canceled, superseded, or changed by any oral agreements, course of conduct, waiver or estoppel.

#### **26. SUCCESSORS AND ASSIGNS**

All representations, covenants and warranties set forth in this Agreement, by or on behalf of, or for the benefit of any or all of the parties hereto, shall be binding upon and inure to the benefit of such party, its successors and assigns.

**27. COMPLIANCE WITH LAW**

ENGINEER shall, at its sole cost and expense, comply with all COUNTY, State and Federal ordinances and statutes now in force or which may hereafter be in force with regard to this Agreement. The judgment of any court of competent jurisdiction, or the admission of ENGINEER in any action or proceeding against ENGINEER, whether COUNTY is a party thereto or not, that ENGINEER has violated any such ordinance or statute, shall be conclusive of that fact as between ENGINEER and COUNTY.

**28. CALIFORNIA LAW AND JURISDICTION**

This Agreement shall be governed by the laws of the State of California. Any litigation regarding this Agreement or its contents shall be filed in the County of Santa Barbara, if in state court, or in the federal district court nearest to Santa Barbara County, if in federal court.

**29. EXECUTION OF COUNTERPARTS**

This Agreement may be executed in any number of counterparts and each of such counterparts shall for all purposes be deemed to be an original; and all such counterparts, or as many of them as the parties shall preserve undestroyed, shall together constitute one and the same instrument.

**30. AUTHORITY**

All signatories and parties to this Agreement warrant and represent that they have the power and authority to enter into this Agreement in the names, titles and capacities herein stated and on behalf of any entities, persons, or firms represented or purported to be represented by such entity(ies), person(s), or firm(s) and that all formal requirements necessary or required by any state and/or federal law in order to enter into this Agreement have been fully complied with. Furthermore, by entering into this Agreement, ENGINEER hereby warrants that it shall not have breached the terms or conditions of any other contract or agreement to which ENGINEER is obligated, which breach would have a material effect hereon.

**31. SURVIVAL**

All provisions of this Agreement which by their nature are intended to survive the termination or expiration of this Agreement shall survive such termination or expiration.

**32. PRECEDENCE**

In the event of conflict between the provisions contained in the numbered sections of this Agreement and the provisions contained in the Exhibits, the provisions of the Exhibits shall prevail over those in the numbered sections.

**33. THIRD PARTIES**

The services to be performed by ENGINEER are intended solely for the benefit of COUNTY. No person or entity not a signatory to this Agreement shall be entitled to rely on ENGINEER's performance of its services hereunder, and no right to assert a claim against ENGINEER by assignment of indemnity rights or otherwise shall accrue to a third party as a result of this Agreement or the performance of ENGINEER's services hereunder.

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Agreement for Services of Independent Contractor between the **Santa Barbara County Water Agency** and **Carollo Engineers, Inc.**

**IN WITNESS WHEREOF**, the parties have executed this Agreement to be effective on the date executed by COUNTY.

ATTEST:  
Mona Miyasato  
County Executive Officer  
Ex-Officio Clerk of the Board

By: Sheila LaGuerra  
Deputy Clerk

SANTA BARBARA COUNTY WATER AGENCY:

By: Joan Hartmann  
Joan Hartmann, Chair, Board of Directors

Date: 9-13-22

RECOMMENDED FOR APPROVAL:  
Scott D. McGolpin, P.E.  
Director, Public Works Department

By: Jeri Hagen for  
Department Head

ENGINEER:  
Carollo Engineers, Inc.

By: Graham Juby  
Authorized Representative

Name: Graham Juby, P.E.  
Title: Vice President

APPROVED AS TO FORM:  
Rachel Van Mullem  
County Counsel

DocuSigned by:  
By: Callie Kim  
D2C8A01FA93F4A0...  
Callie Kim, Deputy County Counsel

By: D. Rajesh Babu  
Authorized Representative

Name: Rajesh Doppalapudi, P.E.  
Title: Vice President

APPROVED AS TO FORM:  
Gregory Milligan, A.R.M.  
Risk Manager

DocuSigned by:  
By: Greg Milligan  
DC2407AC1E84247D...  
Risk Management

APPROVED AS TO ACCOUNTING FORM:  
Betsy M. Schaffer, C.P.A.  
Auditor-Controller

DocuSigned by:  
By: C. Schaffer  
A99ED5BD71D04FB...  
Deputy



**EXHIBIT A**

**STATEMENT OF WORK**

**GROUNDWATER RECHARGE EVALUATION**

**COUNTY OF SANTA BARBARA**  
**LAGUNA COUNTY SANITATION DISTRICT**  
**GROUNDWATER RECHARGE EVALUATION**  
**CAROLLO ENGINEERS**

**Scope of Work (*Updated – March 21<sup>st</sup>, 2022*)**

**BACKGROUND**

The Laguna County Sanitation District (LCSD/District) wastewater reclamation plant is located to the south and west of the city of Santa Maria, and slightly west of the town of Orcutt, California. The Santa Maria Valley Groundwater Basin underlies this area and is within the large coastal valley in northern Santa Barbara and southern San Luis Obispo counties, covering an area of about 107,000 acres. The total groundwater storage within the saturated deposits of the basin has been estimated at 10 million acre-feet (AF). The general direction of groundwater flow in the basin is from east to west, towards the ocean where unconsolidated deposits are exposed to the ocean floor.

The Santa Maria Valley Groundwater Basin was adjudicated in 2008 (2005 Stipulation) and its management is now dictated by the courts. The case was appealed, and an amended judgement was issued in 2014. There are three management areas in the Basin. The wastewater reclamation plant is in the Santa Maria Valley Management Area (SMVMA). All agricultural activity in SMVMA is reliant on groundwater for irrigation, consuming about 107,000 AFY. Approximately another 15,000 AFY is pumped for municipal water supply. The major municipal water purveyors in the SMVMA (the cities of Santa Maria and Guadalupe and the Golden State Water Company) have reduced reliance on the groundwater basin since State Water Project (SWP) water became available in 1997. Historically about 10,000 AFY of SWP water has been delivered to the purveyors, but annual deliveries vary depending on availability, and in 2020 deliveries totaled 5,813 AF.

Discharge from the District's wastewater reclamation plant is currently authorized by Waste Discharge Requirements (WDR) Order No. R3-2011-0217. New WDRs will be issued by the RWQCB upon completion of the current upgrade. The existing plant consists of two parallel

plants: a low total dissolved solids (TDS) plant and a high TDS plant. All of the effluent from the parallel plants is treated to Title 22 standards, blended, and distributed as recycled water to local customers for agricultural, industrial, and landscape uses.

The plant is currently undergoing an upgrade to replace and improve screening and secondary biological treatment processes. Recycled water discharge capacity is currently limited to 2.4 mgd, however, a distribution project to Waller Park is under construction that will add approximately 0.3 mgd.

The District wishes to evaluate potential future options for an indirect potable reuse (IPR) project that would make use of all the treatment plant effluent, including that which is currently used for irrigation. The goal of this study is to provide information to the District that would outline what a true IPR project would look like and what it might cost to implement. To achieve that goal there are several questions that need to be answered to define and provide a cost estimate for a suitable project, including:

- What is the best approach to achieve an IPR project?
  - Should the treated water be recharged into the ground or used to augment a surface water reservoir?
  - For groundwater recharge, where should it be located?
  - What legal limitations are there given the requirements of the Basin Stipulation?
- What additional treatment steps will be required, if any?
  - The plant includes partial RO treatment for salinity control, but this is not being expanded or rehabilitated as part of the on-going Phase 1 expansion project; so will additional TDS removal be needed to meet Basin objectives?
  - Because there is likely to be limited diluent water available, full RO treatment may be needed. If so, will additional brine disposal wells be needed, and if so, where would they be located and what would they cost?
- What will the new reporting and plant operating requirements be for an IPR project?
  - Operator certifications

- An enhanced source control program (ESCP) is needed, which is a high effort industrial pretreatment program. However, LCSD has few commercial and no industrial customers so this would be minimized.
- What would an IPR project cost and what would be a reasonable timeline for implementation?
  - Costs and timeline would be based upon the time to permit (likely 12 to 24 months) coupled with the time to design and construct infrastructure improvements (such as RO for desalting or wells and pipelines), as well as any pilot testing, if necessary.

The scope of work below defines the tasks required to help answer the questions above.

### **TASK 1 – PROJECT MANAGEMENT/MEETINGS AND COORDINATION**

It is assumed that this study will have a duration of approximately 9-months. This task includes managing the project team to track project progress, review budget updates, and coordinate workload and resources to keep the project on schedule and within budget.

The task also includes preparation of monthly project progress reports, invoices, and updates to the project schedule.

In order to provide regular updates to the District, it is assumed that a one-hour Teams call will take place monthly. One presentation to the Board is included at the end of this phase of the work to update the Board on findings and next steps.

*Deliverables: Monthly invoices and project progress reports, verbal reports at monthly Teams meetings. One presentation to the Board.*

### **TASK 2 – DATA COLLECTION AND REVIEW**

LCSD will provide water quality and flow data for the previous 2-years for the following: WWTP influent and treated effluent, and RO concentrate. The District will also obtain existing potable water well information for the City of Santa Maria, Guadalupe and the Golden State Water company. The District will also to the extent possible, provide information about other non-potable water wells in the area.

Other important information pertaining to the Santa Maria Valley Groundwater Basin and the requirements of the Stipulation will be provided by the District.

Carollo will review the information provided and develop and submit a data request list to the District to identify any additional data needs, to provide necessary background information for the proposed study.

The District's legal counsel will provide assistance with interpretation of the Basin Stipulation with respect to identifying potential recharge areas, ownership of water rights and legally what the District is permitted to do in terms of recharge into the Basin.

*Deliverables: Electronic data request spreadsheet.*

### **TASK 3 – IDENTIFY AND EVALUATE OPTIONS FOR A GRRP**

Using the information obtained in Task 2, Carollo will identify up to three alternative approaches for implementing indirect potable reuse for the District. Possibilities include, injecting highly treated water into the Basin beneath the reclamation plant, or upgradient of existing water purveyor wells as may be necessary; piping highly treated water to a suitable surface spreading area or an alternative injection area for recharge; or piping water to a surface water reservoir for surface water augmentation. It is assumed that each alternative selected for study can be implemented under the terms of the Basin Stipulation.

Each alternative will then be evaluated at a planning level to determine the treatment requirements (treatment configuration), disposal options for residual streams, overall feasibility for implementation, broad permitting needs, other institutional issues, requirements for diluent water, budget cost estimate, potential cost offsets based on imported water cost savings, and preliminary implementation schedule. Carollo will update its BluePlan-It model decision support tool with the latest sizing and cost information from other similar evaluations in California. The tool will then be used to compare the three alternatives and identify the best overall option that provides the greatest amount of recharge capacity at the lowest relative cost, considering both capital costs and operating costs. BluePlan-it has the capability to compare multiple factors, run what-if scenarios quickly, and arrive at an optimized solution for a given set of conditions.

A workshop will be held to review proposed alternatives, treatment trains, anticipated costs, benefits in terms of water supply, and challenges, as well as the output from the BluePlan-It model.

From the evaluation, one alternative will be selected as the preferred alternative to develop further in Task 4.

*Deliverables: Summary information for each alternative and results of the evaluation and alternative comparison, all in electronic format. Findings will be included in Report under Task 4.*

#### **TASK 4 – DEVELOP SELECTED ALTERNATIVE AND PREPARE REPORT**

The preferred alternative identified in Task 3 will be developed further in Task 4. The purpose of this task is to flesh out a few more of the project details and refine the cost estimate, implementation schedule, and project description so that this information can be used to present to the Board. Such information will also be useful for use in future funding applications and or for the start of environmental permitting and the CEQA process.

A draft and final project report will be prepared to incorporate the findings from Tasks 2 through 4. After the District has had time to review the draft report, Carollo will meet with the District to discuss any comments. Thereafter, the report will be finalized and submitted to the District in electronic form.

*Deliverables: Draft and Final project Report in electronic format, incorporating the findings from Tasks 2 through 4. Recommendations for next steps will be included.*

#### **OPTIONAL TASKS**

##### **OPTIONAL TASK 1 – GRANT FUNDING READINESS REVIEW**

The purpose of this task will be to review the current requirements for SRF funding and conduct a “readiness review” of the available data for the preferred alternative, including the proposed funding amount. This task will be undertaken once the draft Report from Task 4 has been prepared. Carollo will identify areas of the Draft Report that need to be enhanced in order to support an SRF Funding Application. Missing information identified as part of this task will be incorporated into the Final version of the Report prepared under Task 4.

*Deliverables: Summary information for where the Draft Report (Task 4) needs to be enhanced to support an SRF Funding Application.*



**LAGUNA COUNTY SANITATION DISTRICT  
EXHIBIT B - WORK BREAKDOWN STRUCTURE AND COSTS  
CAROLLO ENGINEERS  
GROUNDWATER RECHARGE PLANNING**

| Laguna County Sanitation District  | ESTIMATED LABOR     |                   |                        |           |               |             | TOTAL COSTS             |                |                    |                  |
|--|---------------------|-------------------|------------------------|-----------|---------------|-------------|-------------------------|----------------|--------------------|------------------|
|  | Senior Professional | Lead Professional | Assistant Professional | Graphics  | Support Staff | Total Hours | Carollo Labor excl PECE | PECE           | Other Direct Costs | Total Costs      |
| Hourly Rate  | \$300               | \$275             | \$196                  | \$155     | \$117         |             |                         | \$12.00        |                    |                  |
| <b>Task 1 - Project Management and Meetings</b>  |                     |                   |                        |           |               |             |                         |                |                    |                  |
| 1.1 General Project Management   | 4                   | 16                | 0                      | 0         | 0             | 20          | \$5,600                 | \$240          | \$0                | \$5,840          |
| 1.2 Monthly Progress Reports and Invoicing   | 8                   | 12                | 0                      | 0         | 1             | 21          | \$5,817                 | \$252          | \$0                | \$6,069          |
| 1.3 Monthly Teams Meetings (1 hour)  | 18                  | 12                | 4                      | 0         | 1             | 35          | \$9,601                 | \$420          | \$0                | \$10,021         |
| 1.4 Presentation to the Board (one)  | 12                  | 16                | 0                      | 2         | 2             | 32          | \$8,544                 | \$384          | \$250              | \$9,178          |
| <b>Sub-total - Task 1 - Project Management and Meetings</b>                                  | <b>42</b>           | <b>56</b>         | <b>4</b>               | <b>2</b>  | <b>4</b>      | <b>108</b>  | <b>\$29,562</b>         | <b>\$1,296</b> | <b>\$250</b>       | <b>\$31,108</b>  |
| <b>Task 2 - Data Collection and Review</b>   |                     |                   |                        |           |               |             |                         |                |                    |                  |
| 2.1 Obtain and Review Data   | 6                   | 8                 | 12                     | 0         | 2             | 28          | \$6,586                 | \$336          | \$0                | \$6,922          |
| 2.2 Compile Data Needs List  | 0                   | 8                 | 6                      | 0         | 2             | 16          | \$3,610                 | \$192          | \$0                | \$3,802          |
| <b>Sub-total - Task 2 - Data Collection and Review</b>                                       | <b>6</b>            | <b>16</b>         | <b>18</b>              | <b>0</b>  | <b>4</b>      | <b>44</b>   | <b>\$10,196</b>         | <b>\$528</b>   | <b>\$0</b>         | <b>\$10,724</b>  |
| <b>Task 3 - Identify and Evaluate Options for a GRRP</b>                                     |                     |                   |                        |           |               |             |                         |                |                    |                  |
| 3.1 Identify up to Three Alternatives  | 8                   | 4                 | 4                      | 0         | 0             | 16          | \$4,284                 | \$192          | \$0                | \$4,476          |
| 3.2 Conduct Planning Level Evaluation for each Alternative                                   | 8                   | 8                 | 60                     | 0         | 0             | 76          | \$16,360                | \$912          | \$0                | \$17,272         |
| 3.3 Develop BluePlan-It model to compare Alternatives  | 4                   | 24                | 44                     | 8         | 2             | 82          | \$17,898                | \$984          | \$0                | \$18,882         |
| 3.4 Workshop with District to review options, costs, benefits                                | 16                  | 12                | 8                      | 0         | 2             | 38          | \$9,902                 | \$456          | \$150              | \$10,508         |
| 3.5 Compare Alternatives and Select Preferred Alternative                                    | 6                   | 12                | 14                     | 0         | 2             | 34          | \$8,078                 | \$408          | \$0                | \$8,486          |
| <b>Sub-total - Task 3 - Identify and Evaluate Options for GRRP</b>                           | <b>42</b>           | <b>60</b>         | <b>130</b>             | <b>8</b>  | <b>6</b>      | <b>246</b>  | <b>\$66,522</b>         | <b>\$2,952</b> | <b>\$150</b>       | <b>\$69,624</b>  |
| <b>Task 4 - Develop Selected Alternative and Prepare Report</b>                              |                     |                   |                        |           |               |             |                         |                |                    |                  |
| 4.1 Develop Selected Alternative Further   | 8                   | 16                | 48                     | 4         | 4             | 80          | \$17,296                | \$960          | \$0                | \$18,256         |
| 4.2 Prepare Draft Report   | 6                   | 12                | 36                     | 2         | 6             | 62          | \$13,168                | \$744          | \$0                | \$13,912         |
| 4.3 Meeting with District to Discuss Report  | 16                  | 10                | 16                     | 0         | 2             | 44          | \$10,920                | \$528          | \$150              | \$11,598         |
| 4.4 Finalize Report  | 4                   | 2                 | 12                     | 1         | 2             | 21          | \$4,491                 | \$252          | \$0                | \$4,743          |
| <b>Sub-total - Task 4 - Develop Selected Alternative and Prepare Report</b>                  | <b>34</b>           | <b>40</b>         | <b>112</b>             | <b>7</b>  | <b>14</b>     | <b>207</b>  | <b>\$45,875</b>         | <b>\$2,484</b> | <b>\$150</b>       | <b>\$48,509</b>  |
| <b>TOTAL EXCLUDING OPTIONAL TASKS</b>  | <b>124</b>          | <b>172</b>        | <b>264</b>             | <b>17</b> | <b>28</b>     | <b>605</b>  | <b>\$142,155</b>        | <b>\$7,260</b> | <b>\$550</b>       | <b>\$149,965</b> |
| <b>Optional Task 1 - Grant Funding Readiness Review</b>                                      |                     |                   |                        |           |               |             |                         |                |                    |                  |
| OT.1 Review the Draft Report (Task 4) from the perspective of grant funding readiness        | 4                   | 16                | 0                      | 0         | 2             | 22          | \$5,834                 | \$264          | \$0                | \$6,098          |
| OT.2 Identify areas of the Draft Report to be enhanced to support an SRF Funding Application | 2                   | 6                 | 4                      | 0         | 2             | 14          | \$3,268                 | \$168          | \$0                | \$3,436          |
| <b>Sub-total - Optional Task 1 - Grant Funding Readiness Review</b>                          | <b>6</b>            | <b>22</b>         | <b>4</b>               | <b>0</b>  | <b>4</b>      | <b>36</b>   | <b>\$9,102</b>          | <b>\$432</b>   | <b>\$0</b>         | <b>\$9,534</b>   |

## EXHIBIT B

### PAYMENT ARRANGEMENTS

#### Periodic Compensation

- A. For ENGINEER's services to be rendered under this contract, ENGINEER shall be paid a total contract amount, including cost reimbursements, not to exceed \$159,499.
- B. Payment for services and/or reimbursement of costs shall be made upon ENGINEER's satisfactory performance, based upon the scope and methodology contained in **EXHIBIT A** as determined by DISTRICT.
- C. Monthly, ENGINEER shall submit to the DISTRICT DESIGNATED REPRESENTATIVE an invoice or certified claim on the County Treasury for the service performed over the period specified. These invoices or certified claims must cite the assigned Board Contract Number. DESIGNATED REPRESENTATIVE shall evaluate the quality of the service performed and if found to be satisfactory shall initiate payment processing. DISTRICT shall pay invoices or claims for satisfactory work within 30 days of presentation.
- D. DISTRICT's failure to discover or object to any unsatisfactory work or billings prior to payment will not constitute a waiver of DISTRICT's right to require ENGINEER to correct such work or billings or seek any other legal remedy.



## EXHIBIT C

### Indemnification and Insurance Requirements (For Professional Contracts)

#### INDEMNIFICATION

##### **A. Indemnification pertaining to other than Professional Services:**

ENGINEER agrees to indemnify, defend and hold harmless DISTRICT and its officers, officials, employees, and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of this Agreement from any cause whatsoever, arising out of or related to the ENGINEER'S work or activities for the DISTRICT and for any costs or expenses (including but not limited to reasonable attorneys' fees) incurred by DISTRICT on account of any such claim except where such indemnification is prohibited by law. ENGINEER's indemnification obligation does not apply to the DISTRICT'S sole negligence or willful misconduct.

##### **B. Indemnification pertaining to Professional Services:**

ENGINEER agrees to defend, indemnify and hold harmless DISTRICT and its officers, officials, employees, and volunteers from and against any and all claims, actions, losses, damages, judgments and/or liabilities arising out of the negligent performance or attempted performance of the provisions hereof; including any willful or negligent act or omission to act on the part of the ENGINEER or his agents or employees or other independent contractors directly responsible to him to the fullest extent allowable by law.

#### NOTIFICATION OF ACCIDENTS AND SURVIVAL OF INDEMNIFICATION PROVISIONS

ENGINEER shall notify DISTRICT immediately in the event of any accident or injury arising out of or in connection with this Agreement. The indemnification provisions in this Agreement shall survive any expiration or termination of this Agreement.

#### INSURANCE

ENGINEER shall procure and maintain for the duration of this Agreement 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 and the results of that work by the ENGINEER, his agents, representatives, employees or subcontractors.

##### **A. Minimum Scope of Insurance**

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office (ISO) Form CG 00 01 or equivalent covering CGL on an "occurrence" basis, including products-completed operations, personal & advertising injury, with limits no less than \$1,000,000 per occurrence and \$2,000,000 in the aggregate.
2. **Automobile Liability:** ISO Form Number CA 00 01 or equivalent covering any auto (Code 1), or if CONTRACTOR has no owned autos, hired, (Code 8) and non-owned autos (Code 9), with limit no less than \$1,000,000 per accident for bodily injury and property damage.

3. **Workers' Compensation:** as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease.
4. **Professional Liability** (Errors and Omissions) Insurance appropriate to the ENGINEER's profession, with limit of no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the ENGINEER maintains higher limits than the minimums shown above, the DISTRICT requires and shall be entitled to coverage for the higher limits maintained by the ENGINEER. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the DISTRICT.

B. Other Insurance Provisions

The insurance policies are to contain, or be endorsed to contain, the following provisions:

1. **Additional Insured** – DISTRICT, its officers, officials, employees, agents and volunteers are to be covered as additional insureds on the CGL or equivalent policy with respect to liability arising out of work or operations performed by or on behalf of the ENGINEER including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the ENGINEER's insurance at least as broad as ISO Form CG 20 10 11 85 or if not available, through the addition of both CG 20 10 and CG 20 37 if a later edition is used).
2. **Primary Coverage** – For any claims related to this Agreement, the ENGINEER's insurance coverage shall be primary insurance as respects the DISTRICT, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the DISTRICT, its officers, officials, employees, agents or volunteers shall be excess of the ENGINEER's insurance and shall not contribute with it.
3. **Notice of Cancellation** – 30 day notice for cancellation except non-payment of premium where 10 day notice is provided.
4. **Waiver of Subrogation Rights** – ENGINEER hereby grants to DISTRICT a waiver of any right to subrogation which any insurer of said ENGINEER may acquire against the DISTRICT by virtue of the payment of any loss under such insurance. ENGINEER agrees to obtain any endorsement that may be necessary to effect this waiver of subrogation, but this provision applies regardless of whether or not the DISTRICT has received a waiver of subrogation endorsement from the insurer.
5. **Deductibles and Self-Insured Retention** – Any deductibles or self-insured retentions must be declared to and approved by the DISTRICT. The DISTRICT may require the ENGINEER to purchase coverage with a lower deductible or retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.
6. **Acceptability of Insurers** – Unless otherwise approved by Risk Management, insurance shall be written by insurers authorized to do business in the State of California and with a minimum A.M. Best's Insurance Guide rating of "A- VII".
7. **Verification of Coverage** – ENGINEER shall furnish the DISTRICT with proof of insurance, original certificates and amendatory endorsements as required by this Agreement. The proof

of insurance, certificates and endorsements are to be received and approved by the DISTRICT before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the ENGINEER's obligation to provide them. The ENGINEER shall furnish evidence of renewal of coverage throughout the term of the Agreement. The DISTRICT reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time.

8. **Failure to Procure Coverage** – In the event that any policy of insurance required under this Agreement does not comply with the requirements, is not procured, or is canceled and not replaced, DISTRICT has the right but not the obligation or duty to terminate the Agreement. Maintenance of required insurance coverage is a material element of the Agreement and failure to maintain or renew such coverage or to provide evidence of renewal may be treated by DISTRICT as a material breach of contract.
9. **Subcontractors** – ENGINEER shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and ENGINEER shall ensure that DISTRICT is an additional insured on insurance required from subcontractors.
10. **Claims Made Policies** – If any of the required policies provide coverage on a claims-made basis:
  - i. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
  - ii. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of contract work.
  - iii. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the ENGINEER must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
11. **Special Risks or Circumstances** – DISTRICT reserves the right to modify these requirements, including limits, based on the nature of the risk, prior experience, insurer, coverage, or other special circumstances.

Any change requiring additional types of insurance coverage or higher coverage limits must be made by amendment to this Agreement. ENGINEER agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of DISTRICT to monitor or enforce compliance with any of the insurance and indemnification requirements will not be deemed as a waiver of any rights on the part of DISTRICT.