



Request for Proposals
for the
DRAINAGE MAINTENANCE MASTER PLAN

Project No. 4003

March 30, 2026

PROPOSALS DUE:
April 27, 2026 by 4:00 PM

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REQUEST FOR PROPOSAL

I. INTRODUCTION

The Fairfield-Suisun Sewer District (District) is seeking proposals from qualified and experienced engineering firms (Consultant) to develop a Drainage Maintenance Master Plan for the Cities of Fairfield and Suisun City.

The District intends for the Master Plan to establish a 10-year Capital Improvement Plan by consolidating asset inventories between agencies, identifying system deficiencies, identifying and prioritizing necessary projects, project-level capital requirements and phasing to support short- and long-term reliability of the City of Fairfield and Suisun City stormwater collection and conveyance systems.

The District also desires that the Master Plan include a financial plan that investigates and recommends sustainable funding strategies for the 10-year Capital Improvement Plan. Additional services include developing an updated version of stormwater standards to meet current regulatory and design storm requirements.

The District anticipates the full scope and cost of the Drainage Maintenance Master Plan cannot be fully defined until the Consultant reviews and consolidates data from the District- and Cities' GIS databases, available facility record drawings, Computerized Maintenance Management System (CMMS), and other data sources (Phase 1). The Consultant's scope of work and approach (Work Plan) for Phase 1 should focus on leveraging available data in the most cost-effective manner, and identifying gaps where data is missing that would add value to future analysis. After initial data collection and verification work has been completed under and/or after Phase 1, the Consultant will be requested to prepare a detailed scope and approach including a fee proposal, to be negotiated and executed separately for the remainder of the Master Plan (Phase 2).

The District has identified a funding allocation of approximately \$650,000 to perform Phases 1 and 2. The District's desired timeline to complete Phases 1 and 2 is maximum 16 months from Notice to Proceed (anticipated in June 2026).

The Consultant's principal contact with the District will be Ian Bronswick, Associate Engineer. Contact information is:

Ian Bronswick, PE
Phone: (707) 428-9107
Email: ibronswick@fairfieldsuisunsewer.ca.gov

II. BACKGROUND AND PROJECT INFORMATION

The Fairfield-Suisun Sewer District (District) is a special district that provides sewerage collection and treatment services for all territory within the Cities of Fairfield and Suisun City, as well as Travis Air Force Base and portions of unincorporated Solano County, California. Under a 1995 Drainage Maintenance Agreement, with the Cities of Fairfield and Suisun City, the District is also responsible for the operation and maintenance of regional stormwater facilities owned by the Cities.

The City of Fairfield is a forty-two square mile city located south of Vacaville and immediately north of Suisun City in Solano County. The City owns a network of storm drains, channels, lift stations, basins, and underground pipes designed to convey stormwater runoff. The City of Fairfield's storm drainage system consists of drainage channels, creeks, basins, and approximately 223 miles of drainage lines ranging from 4 inches to 84 inches in diameter. The City also owns three stormwater pump stations (Air Base Parkway PS, James Street PS, State Street PS), which are operated and maintained by the District.

The City of Suisun City is a four-square mile city located south of Fairfield and north of Suisun Marsh, in Solano County. Similar to Fairfield, Suisun City also manages a network of storm drains, channels, lift stations, basins and underground pipes designed to handle stormwater runoff. Suisun City has significant impact from tides, based on its geographical location and location immediately adjacent to the Suisun Slough. Suisun City's storm drainage system consists of drainage channels, creeks, basins, and approximately 42 miles of drainage lines ranging from 4 inches to 72 inches in diameter. The City owns four stormwater pump stations (Chipman Lane PS, Kellogg Street PS, Main Street PS, and Mulberry Street PS) which are operated and maintained by the District.

This Master Plan will be managed by the District, with significant involvement from the Cities of Suisun City and Fairfield and the District's Operations and Maintenance teams.

Refer to Appendix B for an overview of the storm drain system and Appendix C for information on existing stormwater pump stations located within the cities of Fairfield and Suisun City.

III. SCOPE OF WORK

The following describes the general tasks envisioned under this project. Proposing firms are required to propose a specific approach to meeting the objectives listed below, including scope and deliverables identified herein.

Phase 1 Services:

Project Initiation & Management

The selected consultant will be requested to lead a project kickoff meeting and regular recurring progress meetings with staff from FSSD and the Cities. Other project management related tasks may also be proposed as appropriate.

Review Existing Information and Recommend Additional Data Collection

Review initial data provided by the District and Cities and identify gaps and/or inconsistencies that should be addressed to maximize value of subsequent tasks. After reviewing initial results with District and Cities, provide specific recommendations for updates to GIS, additional data collection, use of external data sources, and/or assumptions that can be made to fill critical gaps, and a cost/benefit analysis of varying levels of additional data collection (including omitting certain asset classes) as they pertain to accuracy/effectiveness of the model(s) to be developed under Phase 2.

Maintenance records and condition assessment data are generally not available for storm drain pipes and channels. The District will make available maintenance records, including work orders,

equipment manufacturer information, and asset information for stormwater pump stations. The District and Cities will also provide anecdotal information about known areas that are generally more prone to flooding during storm events and areas requiring more frequent maintenance than others.

Results and recommendations under this task should be presented in a brief technical memorandum (TM). At the conclusion of this task, the District anticipates the following outcomes/deliverables:

- A visual representation and estimate of the percentage of the system that can be evaluated and/ or modeled under Phase 2, with relevant statistics, (breakdown by diameter, age, and relative capacity, if sufficient information is available), under the following scenarios:
 - Assuming no further data collection efforts and
 - After recommended additional data collection
- After review by Cities and District and concurrence on the scope and scale of assets to be included in Phase 2, a scope and fee estimate for recommended additional data collection and other Phase 2 services summarized below.

Phase 2 Services:

Phase 2 includes tasks envisioned to take place after the tasks described under Phase 1 have been completed. These tasks are provided as general guidance as to the ultimate objectives the District wishes to achieve under the Drainage Maintenance Master Plan.

Proposing firms are requested to demonstrate in their detailed Technical Proposals, their qualifications for performing the following services, and to suggest conceptual approaches that may enhance the project's value. Refer to Section IV "Proposal Requirements" for more information on the requirements of the Conceptual Plan for Phase 2.

Phase 2 scope of work will be detailed after Phase 1 is completed by the selected Consultant. This scope will be contingent on the Consultant's Phase 1 findings and remaining budget (\$650,000 total for Phases 1 and 2).

Project Initiation & Management

Similar to Phase 1.

Asset Management Plan

Develop a model (in a system recommended by Consultant based on current industry standards) and establish a preliminary risk matrix (including asset evaluation and probability of failure) for components of the Cities' stormwater conveyance systems. Establish criteria and priorities with Cities' and District staff. The District anticipates that this initial phase of asset management planning will focus on ranking and prioritizing infrastructure for follow-up condition assessment and/or redundancy planning efforts.

Results of this task should be summarized in a TM that describes the ranking inputs and methodology which was used to prepare the asset management plan, as well as recommendations resulting from the plan. Model inputs and results should also be submitted in geodatabase or shapefile format. The plan shall be submitted to the District and Cities team for review and approval prior to being finalized.

Hydraulic Model Development and Capacity Analysis

Develop and calibrate a scaled hydraulic model (in a system recommended by Consultant based on current industry standards) for the storm drainage system, including both the closed storm drain pipe network and major open channel conveyance systems. The model should be scalable to budget and capable of predicting pipe flows under various design storm events, provide discharge volumes at each discharge location, and predict locations of capacity constraints and/or system overflows. A substantial portion of Fairfield and Suisun City's storm drainage system is tidally influenced and the model should also evaluate current backwater conditions associated with high tide levels in the Suisun Marsh and tidal influence on downstream outfalls.

Results of this task should be summarized in a TM highlighting key phases of hydraulic model development and calibration including, but not limited to model inputs, assumptions (in lieu of missing data), data used, and model outputs. The TM should summarize findings of any identified capacity deficiencies and areas prone to localized flooding. Model inputs and results should also be submitted in geodatabase or shapefile format. The findings shall be submitted to the District and Cities team for review and approval prior to being finalized.

Design Standards Review

Review Cities' existing stormwater standards, assess current regulatory requirements and recommend design requirement updates that would ensure compliance with applicable regulations for future capital and development projects within each City.

Consider changes in rainfall and weather patterns and recommend updates to the Cities' hydrology standards and sizing criteria to reflect current and forecasted future design storms, if applicable.

Conduct a general review of current standards and recommend updates to standard specifications and details based on current industry trends and practices.

Develop a list of recommended updates to the stormwater design standards. The list of recommended updates shall be submitted to the District for review and feedback and shall include a redlined document of the current set of standards to help facilitate Cities' and District review. After review and approval of proposed updates, prepare a final, complete set of updated stormwater design standards documents.

Capital Improvement Plan

With the understanding that condition assessment data and full system hydraulic modeling may not be achievable with available resources, consultant should develop an initial 10-year Capital

Improvement Plan based on currently available information. It's anticipated that project recommendations will be based on identified hydraulic deficiencies, maintenance frequency and performance issues at pump stations, a cursory comparison of existing facilities to recommended design standards, and opportunities to reduce risk by adding redundancy. As a general guide, recommended projects should be defined to a level that could be incorporated into requests for proposals for design services, including a location map and 1-2 paragraph description of project scope.

The 10-year CIP with project-level cost details should be summarized in a TM which also includes a year-by-year capital spending plan to support budgeting and funding decisions. Planning-level cost details should include itemized costs for design, environmental clearance, right-of-way acquisition, construction, and other contingency costs the Consultant may recommend. Prepare a Draft report and submit for review and comment prior to finalizing.

O&M Resource Evaluation

Based on results of preceding tasks, develop assumptions for type and frequency of routine maintenance activities required to safely and effectively operate and maintain regional and local drainage maintenance facilities under the Drainage Maintenance Agreement. In collaboration with the District and Cities, identify any changes to responsibilities outlined in the Drainage Maintenance Agreement that would optimize use of available resources from each agency. After reviewing general assumptions and optimization strategies with City and District staff, evaluate staffing, equipment, and budgetary needs to perform the required maintenance activities.

Results of this task should be summarized in a TM that shall be submitted to District and Cities for review prior to being finalized.

Funding Strategy

The Drainage Maintenance program is currently funded via rates collected by FSSD on a per parcel basis. The rates have not changed since 1997 and require a majority "yes" vote Prop 218 ballot measure to increase. Current rate revenue is divided between annual and ongoing maintenance and regulatory compliance. The District has been able to accomplish minor stormwater CIP projects based on operational savings on a year-to-year basis, but current revenues do not support a long-term CIP plan. The Cities' drainage maintenance revenue is entirely consumed in operations, and there are no City reserves.

Based on the capital and O&M cost estimates developed under prior tasks, the Consultant will be asked to identify and evaluate potential strategies for revenue generation to sustainably fund the recommended programs. The District is interested in evaluating available grant and loan programs, development of a Community Services District (CSD), issuing a Proposition 218 initiative with the Cities, and working at the State level to leverage more agencies in increasing public awareness and investment in stormwater facilities.

The consultant will be requested to provide a general overview of the requirements needed for each strategy to be successful, including the benefits and drawbacks of the different approaches.

Final Deliverables

Incorporate the findings and recommendations of the project into a comprehensive Drainage Maintenance Master Plan report. Include appendices containing supporting data including technical memoranda, flow monitoring reports, model data and results tables, project descriptions, cost estimates, and other pertinent information. The report should include an Executive Summary section that can be extracted as a stand-alone document and provided to District Board members or other interested parties.

IV. PROPOSAL REQUIREMENTS

A. Proposal Contents

Proposals shall demonstrate the proposing firm's capabilities and experience applicable to the project and the specific approach to satisfy the requirements of the Request for Proposal (RFP). The District requests all proposals be limited to 30 pages (not including resumes). Proposals shall include the following sections.

1. **Title Page**: Title page showing the proposal's subject; the firm's name; and the date of the proposal.
2. **Transmittal Letter**: A signed letter of transmittal briefly stating the proposer's understanding of the work to be done, the commitment to perform the work within the stated time period, a statement why the firm believes itself to be best qualified to perform the work, and a statement that the proposal is a firm and irrevocable offer for ninety days from the proposal due date.
3. **Detailed Technical Proposal**: The proposal shall demonstrate the qualifications, competence, and capacity of the firm(s) seeking to undertake development of the Drainage Maintenance Master Plan, and related services for the District in conformance with the requirements of this RFP. The substance of proposals will carry more weight than their form or manner of presentation. The proposal shall demonstrate the qualifications of the firm and of the particular staff to be assigned to this project and should specify a professional approach that will meet the RFP's requirements. The Technical Proposal should address all the points outlined in the Scope of Work. The Proposal should be prepared simply and economically, providing a straightforward, concise description of the proposer's capability to satisfy the requirements of the Scope of Work. The following subjects must be included, at a minimum.
 - a. *Firm Qualifications and Project Team Experience*: State the size of the firm, the location of the office(s) from which the work on this project is to be performed and the professional staff to be employed on this project, and related experience. Describe how the project team will be organized and managed to ensure successful project delivery. Describe the qualifications and experience of any subconsultant firms that are proposed, if any.
 - b. *Similar Projects with Other Agencies*: For the firm's office and staff that will be assigned responsibility for the work, list the most significant projects (maximum of 5) performed in the last five years that are of similar size and scope of the project described in this RFP. Indicate the scope of work, date, project team leader, other key staff, and the name, email address, and telephone number of the principal client contact. This section shall include

a summary table that identifies key project staff proposed for this project and their role in each listed project.

- c. *Specific Approach (Phase 1)*: Set forth a detailed work plan, including an explanation of the methodology to be followed, to meet the objectives specified under Phase 1, as described in Section III, SCOPE OF WORK.
- d. *Project Schedule (Phase 1)*: Set forth a detailed schedule that establishes anticipated completion of project tasks outlined under Phase 1, including submittal of deliverables required in Section III, SCOPE OF WORK.
- e. *Conceptual Approach (Phase 2)*: The Conceptual Plan for Phase 2 services shall be provided as a high-level narrative and shall include:
 - General descriptions of the Consultant’s qualifications and proposed approach for each major Phase 2 element (e.g., Hydraulic Model Development and Capacity Analysis, O&M Resource Evaluation, CIP Plan, Funding Plan, and other identified services).
 - Key assumptions, anticipated data needs or conclusions from Phase 1 deliverables, potential technical challenges, and proposed mitigation strategies.
 - A conceptual sequencing and timeline relative to completion of Phase 1.
 - Any innovative ideas, value-added approaches, or efficiencies the firm would bring to Phase 2.

No detailed task descriptions, cost proposal, detailed staffing hours, or overhead pricing is required or requested for Phase 2.

- f. *References*: Provide a minimum of five (5) references who can discuss the firm and project team’s qualifications to deliver the Scope of Services. The references shall be knowledgeable and able to discuss the qualifications of the firm and project team based on the work experience cited under items a and b above.
 - g. *Key Personnel*: Submit resumes of the project manager and other key personnel being proposed to complete the work as an appendix to the Technical Proposal. Include subconsultants where applicable.
4. Fee Proposal:

Include a fee proposal based on an hourly rate schedule with a “not to exceed” maximum cost for all work identified in the Consultant’s specific approach for Phase 1. The Cost Proposal shall summarize the estimated cost per task and reflect the proposing firm’s approach and scope of work and shall indicate the estimated hours and hourly rate for each personnel classification with a “not to exceed” maximum cost for all work identified. Consultant’s estimated hours and hourly rate shall include any subconsultants, as well as any other estimated direct costs. Provide budgets for any mileage, reproduction, photos, etc. and indicate if travel time and mileage will be charged.

V. PROPOSAL SUBMITTAL

Complete proposals, including Consultant’s fee proposal for Phase 1 services will be accepted in ELECTRONIC FORMAT (PDF) only. It is the proposing firm’s responsibility to ensure receipt of the proposal by District staff prior to the deadline.

One digital copy (PDF) of the proposal and fee estimate must be submitted to the District **by 4:00 p.m. on Monday April 27th, 2026.**

Consultants shall include “Proposal for Drainage Maintenance Master Plan RFP” in the subject heading.

Complete proposals should be sent to the following email address:

Ian Bronswick, Associate Engineer
ibronswick@FairfieldSuisunSewer.ca.gov

VI. EVALUATION PROCEDURES

Review Committee: Proposals will be evaluated by a Review Committee of District and City staff.

Evaluation Criteria: Proposals will be evaluated using the following criteria:

Evaluation Criteria	
A.	<p>Completeness of Response: Responses that do not include the proposal content specified in Section IV, “Proposal Requirements”, of the RFP and subsequent addenda, and do not address each of the items listed, will be considered incomplete, and rated unfavorably.</p>
B.	<p>Relevant Experience/Qualifications: Proposals will be evaluated against the RFP specifications and the questions below:</p> <ol style="list-style-type: none"> 1. What experience does the firm and key staff have with similar master plans, including storm drain system modeling, capital improvement program planning, GIS program development, asset management planning, design standards development, funding plans, and other key elements as described in Section III, Scope of Work? 2. How extensive is the Consulting team’s experience implementing and creating new master plans for stormwater system management or similar utilities infrastructure in California? 3. How extensive is the Consulting team’s experience in performing condition assessments and developing hydraulic models to support Capital Improvement Program Development? 4. How experienced is the Consultant team in identifying and evaluating various funding/ financial strategies, and navigating clients through the intricacies of each?

	<i>Technical Proposals should demonstrate firm and key staff experience and qualifications in performing services under both phases. Experience and qualifications will be evaluated based on relevant experience for both phases.</i>
C.	Project Understanding The Proposal adequately demonstrates an understanding of the project and the two-phased approach outlined in the Scope of Services.
D.	Consultant's Proposed Approach/Work Plan The Proposal will be evaluated against the Consultant's understanding of the project's scope of work. Consultant shall provide a detailed plan specific to how they intend to approach Phase 1 of the project, with an understanding of each task identified in the RFP. The plan shall include, but not limited to communication, key personnel (including subcontractors where applicable), estimated schedule/duration of the project, and any additional information the Consultant deems necessary to fulfill the Scope of Work for Phase 1. The Conceptual Plan for Phase 2 will be evaluated to determine the Consultant's qualifications and understanding of the overall Drainage Maintenance Master Plan objectives.
E.	Project Cost Submit a not-to-exceed fee estimate based on the proposed cost, broken out by individual tasks, hourly rates, and hours to complete the scope of services described for Phase 1 only. Include Consultant's rate sheet (include subcontractors where applicable) with the Cost Proposal. The proposed cost will be assessed with the consultant's technical approach, staffing plan, and understanding of the project.

Oral Presentations or Interviews (if held): During the evaluation process, the Review Committee may, at its discretion, request short-listed firms to make oral presentations. Such presentations will provide firms with an opportunity to answer any questions the Review Committee may have regarding a firm's proposal. Not all firms may be asked to make such oral presentations. **Interviews (if held) are scheduled for Tuesday, May 5, 2026.**

Final Selection: The District will select a firm based upon the recommendation of the Review Committee.

Right to Reject Proposals: Submission of a proposal indicates acceptance by the firm of the conditions contained in this Request for Proposal unless clearly and specifically noted in the proposal submitted and confirmed in the contract between the District and the selected firm. The District reserves the right to reject any or all proposals.

Other: During the evaluation process, the District reserves the right, where it may serve the District's best interest, to request additional information or clarifications, or to allow corrections of errors or omissions.

The District reserves the right to retain all proposals submitted regardless of whether that proposal is selected.

The District will use its standard Agreement for Consultant Services (Agreement) to enter a contract with the selected firm for the work specified herein. A copy of the Agreement is included as Appendix A of this Request for Proposal (RFP). Proposing firms shall carefully review the Agreement prior to submission of a proposal and submit a statement that the terms and conditions of the Agreement are acceptable. Proposing firms unable to comply with all the terms and conditions shall clearly indicate any exceptions to the Agreement in an additional section of their proposal. Proposing firms will be expected to enter into an agreement substantially similar to the District’s standard agreement.

The District reserves the right to issue a contract for a partial or the full scope of work listed in this RFP and at different phases upon final negotiation.

VII. PROPOSAL AND PROJECT SCHEDULE

Proposing firms shall be advised of the following deadlines and key dates:

Request for Proposal issued	March 30, 2026
Deadline for Inquiries	April 20, 2026
Due date for proposal	4:00 p.m. on April 27, 2026
Interviews (if held)	May 5, 2026, 9 am–3 pm
Anticipated Award of Contract	May 18, 2026
Notice to Proceed – Phase 1	Week of June 15th, 2026
Completion of Phase 1 and Phase 2 Services	September 2027

VIII. AVAILABLE DOCUMENTS

Appendix A: Standard Contract for Services

Appendix B: Storm Drainage System Maps

- Figure 1: Storm Drainage System Map – City of Fairfield, CA
- Figure 2: Storm Drainage System Map – City of Suisun City, CA

Appendix C: Stormwater Pump Stations – Site Information and Photos

APPENDICES

APPENDIX A: Standard Contract for Services

CONTRACT FOR SERVICES

THIS AGREEMENT FOR PROFESSIONAL SERVICES ("Agreement") is entered into as of _____, ("Effective Date") between the FAIRFIELD-SUISUN SEWER DISTRICT ("District") and CONTRACTOR/CONSULTANT NAME ("Contractor").

WITNESSETH:

WHEREAS, the District desires to contract for Phase 1 Services for Drainage Maintenance Master Plan which for the purposes of this Agreement shall be called "PROJECT," and,

WHEREAS, Contractor is willing and qualified to provide the services desired;

NOW, THEREFORE, in consideration of the mutual promises, covenants and agreements set forth in this Agreement, the sufficiency of which is acknowledged, the parties agree as follows:

I. DUTIES OF CONTRACTOR

A. Contractor shall provide services required for the PROJECT as described in the Scope of Work, attached to and incorporated into this Agreement as Exhibit "A".

B. Contractor agrees that Contractor and all of Contractor's employees and subcontractors hold, have obtained, and shall continue to maintain during the course of this Agreement, all licenses or other statutorily mandated certifications requisite to the performance of the PROJECT as may be required in the State of California, if any. Failure of Contractor, its employees and subcontractors to obtain and/or maintain in good standing such licenses or certification shall constitute a breach of this Agreement and shall provide grounds for immediate termination thereof.

C. Contractor shall perform the PROJECT work in such a manner as to fully comply with customary standards of care, including but not limited to professional quality, technical accuracy, timely completion, and the coordination of designs, drawings, specifications, reports, and other services furnished, work undertaken, and/or labor, materials, tolls, equipment, transportation services and other items provided by Contractor to complete the PROJECT pursuant to this Agreement.

D. The District's approval of drawings, designs, specifications, reports, and incidental engineering work or other services or materials furnished by Contractor under this Agreement shall not relieve Contractor of responsibility for the technical adequacy of its work. Neither the District's review, approval or acceptance of, nor payment for, any of the services shall be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

E. Contractor shall not be relieved of any of the obligations or covenants contained in this Agreement until the tasks as set forth in Exhibit "A" have been completed. It is agreed between Contractor and the District that those provisions of this Agreement which by their nature continue beyond expiration or earlier termination of the Agreement, including but not limited to Sections VIII, X(F), and X(G), shall continue beyond such expiration or termination.

F. As required under California Government Code Section 1096.7(c)(1), the Contractor's duties and services under this agreement shall not include preparing or assisting the District with any portion of the District's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the District. The District shall at all times retain responsibility for public contracting, including with respect to any subsequent phase of this Project. Contractor's participation in the planning, discussions, or drawing of project plans or specifications shall be limited to conceptual, preliminary, or initial plans or specifications. Contractor shall cooperate with the District to ensure that all bidders for a subsequent contract on any subsequent phase of this Project have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by contractor pursuant to this Agreement.

II. DUTIES OF DISTRICT

The District, without cost to Contractor, will provide pertinent information reasonably available to it, which is necessary for performance by Contractor under this Agreement, including previous reports and data relative to the PROJECT. The District does not guarantee or ensure the accuracy of any reports, information, and/or data so provided. Contractor will use its professional judgment in the review and use of data so provided. However, Contractor will not be liable for any error or omission in any data furnished by the District and used by Contractor which could not reasonably be discovered by Contractor. To this extent Contractor is entitled to rely on data provided by the District.

III. COMPENSATION OF CONTRACTOR

A. Basis of Compensation: The District will pay Contractor for services provided under this Agreement on a time and material basis with a maximum fee not to exceed Enter Dollar Amount in Words DOLLARS (\$Enter Dollar Amount in Numbers) in accordance with the Fee Schedule or Bid Schedule attached to and incorporated into this Agreement as Exhibit "A". When compensation is determined using hourly rates of Contractor's personnel and equipment assigned to the work, Contractor rates may be adjusted annually if proposed by Contractor and approved by the District. Such rate adjustments shall not exceed five percent (5%) annually.

- B. Change in Scope of Work: Adjustment in compensation for changes in scope of work authorized in writing by the General Manager of the District shall be based on the Fee Schedule, Bid Schedule, firm prices quotations, and/or rates set forth and attached as Exhibit "A." Changes in scope of work so authorized shall not exceed twenty percent of the total maximum fee. No payment shall be made for changes unless authorized in writing by the District.
- C. Monthly Payment to Contractor: Upon submission of an invoice by Contractor, and upon approval of the District's authorized representative, the District will pay Contractor monthly in arrears for fees and expenses incurred up to the maximum amount reflected in Exhibit "A". The District will issue payment within thirty (30) calendar days after receipt of an invoice from Contractor, provided that all invoices are accompanied by cost documentation determined to be sufficient by the District to allow the determination of the reasonableness and accuracy of the invoice. If a payment dispute arises between the parties, Contractor shall provide to the District full and complete access to Contractor's project labor cost records and other direct project related cost data, and copies thereof if requested by the District.
- D. Notification at 75% of Maximum Fee: Contractor shall notify the District when the costs incurred for the PROJECT work total approximately seventy-five percent (75%) of the maximum fee. With the notification, Contractor shall indicate whether the sum of the current costs incurred plus the estimated total cost to complete the task or tasks set forth in the Scope of Work, Exhibit "A," shall be greater or less than the maximum fee. Receipt by the District of said notification that the cost for completion of all tasks shall exceed the established maximum fee, will not constitute an approval or authorization to increase the established maximum fee or a waiver of any rights which the District may have under this Agreement.
- E. Cost of Rework: Contractor shall, at no cost to the District, prepare any necessary rework occasioned by Contractor's failure to provide services required for the PROJECT as described in Exhibit "A" in a satisfactory manner, due to any act or omission attributable to Contractor, or its agents, including subcontractors. Nothing in this subsection is intended to limit the liability of Contractor for damages which might arise from Contractor's negligence, willful misconduct, or breach of the covenants set forth in this Agreement.
- F. Markup Allowances: Markup allowances apply only to services provided on a time and materials basis. Contractor may markup Subcontractor and Sub-consultant costs by no more than 5%. Other Direct Costs (reproduction, delivery, mileage, travel expenses, other services) will be billed at cost. Any applicable markups for professional services overhead, including equipment and communication expenses, shall be included in labor hourly rates

IV. TERM OF AGREEMENT

- A. The term of this Agreement shall begin on the Effective Date and end on the date when the tasks set forth in Exhibit A have been completed or the Agreement is otherwise terminated in accordance with Article VI.
- B. Contractor agrees to immediately and diligently proceed with the Scope of Work and satisfactorily complete the PROJECT within the prescribed time as set forth in Exhibit A.

V. CONTRACTOR'S ASSIGNED PERSONNEL

Contractor designates Project Manager Name to act as Project Manager for the performance of the work and for all matters relating to performance under this Agreement.

Substitution of these assigned personnel will require the prior written approval of the District.

If the District determines that a proposed substitution is not acceptable, then, at the request of the District, Contractor shall substitute with a person acceptable to the District.

No subcontract shall be awarded, or an outside consultant engaged, by Contractor, unless Contractor has made written request to use such subcontractor or outside consultant and its request has been approved in writing by the District. No additional approval shall be required for subcontracting with or engagement of a subcontractor or outside consultant identified in Exhibit "A." The written approval of the District resulting in the use of or engagement of a subcontractor or outside consultant does not relieve Contractor of the obligations or covenants set forth in this Agreement.

VI. TERMINATION

- A. The District may terminate this Agreement at any time, with or without cause, upon 30 day's written notice to Contractor.
- B. The District may terminate this Agreement immediately upon notice of Contractor's malfeasance. If the District terminates this Agreement pursuant to this subsection, nothing set forth in this Agreement is intended to require the District to compensate Contractor for any services which may be claimed to have been provided or be in progress if the District reasonably concludes that further compensation is unwarranted.
- C. Upon receipt of a termination notice, or in the event that Contractor ceases performing services under this Agreement or otherwise abandons the PROJECT prior to completing all of the services described in the Scope of Work, Contractor

shall: (1) promptly discontinue all services affected (unless the notice directs otherwise), and (2) deliver or otherwise make available to the District all data, information, and materials as Contractor may have prepared or developed in performing this Agreement, whether completed or in process, including, but not limited to, drawings, specifications, reports, estimates, summaries, software, and electronic files of all deliverables.

D. Following termination, the District will reimburse Contractor for all expenditures made in good faith that are unpaid at the time of termination not to exceed the maximum amount payable under this Agreement unless Contractor is in default of this Agreement.

E. Upon termination, Contractor's sole right and remedy shall be to receive payment for all amounts due and not previously paid to Contractor for services completed or in progress in accordance with the Agreement prior to the date of receipt of notice of termination and for services thereafter completed at the request of the District and any other reasonable cost incidental to such termination of services. Such payments available to Contractor under this subsection shall not include costs related to lost profit associated with the expected completion of the work or other such payments relating to the benefit of the bargain.

VII. INDEMNITY

To the fullest extent allowed by law, Contractor agrees to indemnify, defend, and hold harmless the District and its officers, officials, employees, and volunteers from and against any and all claims, demands, costs, or liability, including litigation costs and reasonable attorney's fees incurred, that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of Contractor, its employees or agents in the performance of services under this Agreement, but this indemnity does not apply to liability for damages arising from the sole negligence, active negligence, or willful acts of the District. This duty of Contractor includes the duty of defense and is subject to any limit provided for in Civil Code Section 2782.8(a) of the cost to defend charged to Contractor. Each party shall notify the other party immediately in writing of any claim or damage related to activities performed under this Agreement. The parties shall cooperate with each other in the investigation and disposition of any claim arising out of the activities under this Agreement. This duty to indemnify shall not be waived or modified by contractual agreement or acts of the parties.

Submission of insurance certificates or submission of other proof of compliance with the insurance requirements of this Agreement does not relieve Contractor from liability under this indemnification section. The obligations of this indemnification section shall apply whether or not such insurance policies have been determined to be applicable to any of such damages or claims for damages.

VIII. INSURANCE

Without limiting Contractor's obligation to indemnify the District, The policy shall remain in full force and effect for no less than 5 years following the completion of work under this Contract

Contractor shall procure and maintain for the duration of the Agreement insurance against claims for injuries to persons or damages to property which may arise out of or in connection with the performance of the work under this Agreement by Contractor, its agents, representatives, or employees.

A. MINIMUM SCOPE AND LIMIT OF INSURANCE

Coverage shall be at least as broad as:

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an "occurrence" basis, including products and completed operations, property damage, bodily injury and personal & advertising injury with limits no less than \$2,000,000 per occurrence. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (ISO CG 25 03 or 25 04) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering, Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and 9 (non-owned), with limit no less than \$1,000,000 per accident for bodily injury and property damage.
3. **Workers' Compensation** insurance as required by the State of California, with Statutory Limits, Workers' Compensation 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 Contractor's profession, with limit no less than \$2,000,000 per occurrence or claim, \$2,000,000 aggregate.

If Contractor maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or the higher limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District. No representation is made that the minimums shown above are sufficient to cover the indemnity or other obligations of the Contractor under this Agreement.

B. OTHER INSURANCE PROVISIONS

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

1. **Additional Insured Status.** The District, its officers, officials, employees, and volunteers are to be covered as additional insureds on the CGL policy with respect to liability arising out of work or operations performed by or on behalf of the Contractor 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 Contractor'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, CG 20 26, CG 20 33, or CG 20 38; and CG 20 37 if a later edition is used).
2. **Primary Coverage.** For any claims related to this Agreement, **Contractor's insurance coverage shall be primary and non-contributory** and at least as broad as ISO CG 20 01 12 19 as respects the District, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the District, its officers, officials, employees, or volunteers shall be excess of Contractor's insurance and shall not contribute with it. This requirement shall also apply to any Excess or Umbrella liability policies.
3. **Umbrella or Excess Policy.** Contractor may use Umbrella or Excess Policies to provide the liability limits as required in this Agreement. This form of insurance will be acceptable provided that all of the Primary and Umbrella or Excess Policies shall provide all of the insurance coverages herein required, including, but not limited to, primary and non-contributory, additional insured, Self-Insured Retentions (SIRs), indemnity, and defense requirements. The Umbrella or Excess policies shall be provided on a true "following form" or broader coverage basis, with coverage at least as broad as provided on the underlying Commercial General Liability insurance. No insurance policies maintained by the Additional Insureds, whether primary or excess, and which also apply to a loss covered hereunder, shall be called upon to contribute to a loss until Contractor's primary and excess liability policies are exhausted.
4. **Notice of Cancellation.** Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the Entity
5. **Waiver of Subrogation.** Contractor hereby grants to the District a waiver of any right to subrogation which any insurer of Contractor may acquire against the District by virtue of the payment of any loss under such insurance. **Contractor agrees to obtain any endorsement that may be necessary to affect 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. The Workers' Compensation Policy shall be endorsed with a

waiver of subrogation in favor of the District for all work performed by the Contractor, its employees, agents, and subcontractors.

6. **Self-Insured Retentions.** Self-insured retentions must be declared to and approved by the District. The District may require Contractor to purchase coverage with a lower retention or provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the District. The CGL and any policies, including Excess liability policies, may not be subject to a self-insured retention (SIR) that exceeds \$50,000 unless approved in writing by the District. Any and all SIRs shall be the sole responsibility of Contractor or subcontractor who procured such insurance and shall not apply to the Indemnified Additional Insured Parties. The District may deduct from any amounts otherwise due Contractor to fund the SIR. Policies shall NOT contain any self-insured retention (SIR) provision that limits the satisfaction of the SIR to the Named. The policy must also provide that defense costs, including the Allocated Loss Adjustment Expenses, will satisfy the SIR. The District reserves the right to obtain a copy of any policies and endorsements for verification.
7. **Acceptability of Insurers.** Insurance is to be placed with insurers authorized to conduct business in the state with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable to the District.
8. **Verification of Coverage.** Contractor shall furnish the District with original certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this **clause and a copy of the Declarations and Endorsements Pages of the CGL and any Excess policies listing all policy endorsements**. All certificates and endorsements and copies of the Declarations & Endorsements pages 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 Contractor's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including endorsements required by these specifications, at any time. 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. The District may withhold payment to Contractor until Contractor provides complete insurance certificates and endorsements satisfactory to the District.
9. **Subcontractors.** Consultant shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and Contractor shall ensure that District is an additional insured on insurance required from subcontractors.

10. **Duration of Coverage.** CGL & Excess liability policies for any construction related work, including, but not limited to, maintenance, service, or repair work, shall continue coverage for a minimum of 5 years for Completed Operations liability coverage. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**
11. **Claims Made Policies (for Professional Liability).** If any of the required policies provide claims-made coverage:
- a. The Retroactive Date must be shown, and must be before the date of the contract or the beginning of contract work.
 - b. Insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work.**
 - c. 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, Contractor must purchase "extended reporting" coverage for a minimum of five years after completion of work.

IX. DEFAULT

- A. If Contractor defaults in Contractor's performance, the District shall promptly notify Contractor in writing. If Contractor fails to cure a default within 30 days after notification, or if the default requires more than 30 days to cure and Contractor fails to commence to cure the default within 30 days after notification, then the District may immediately terminate this Agreement at the District's sole discretion.
- B. If Contractor fails to cure default within the specified period of time, the District may elect to cure the default and any expense incurred shall be payable by Contractor to the District. The Agreement may be immediately terminated at the District's sole discretion.
- C. If this Agreement is terminated because of Contractor's default, the District shall be entitled to recover from Contractor all damages allowed by law.

X MISCELLANEOUS TERMS AND CONDITIONS

A. ASSIGNMENT

Contractor shall not assign any rights or duties under this Agreement to a third party without the prior written consent of the District.

B. INDEPENDENT CONTRACTOR

1. Contractor is an independent contractor and not an agent, officer or employee of the District. The parties mutually understand that this Agreement is between two independent contractors and is not intended to and shall not be construed to create the relationship of agent, servant, employee, partnership, joint venture or association.
2. Contractor shall have no claim against the District for employee rights or benefits including, but not limited to, seniority, vacation time, vacation pay, sick leave, personal time off, overtime, medical, dental or hospital benefits, retirement benefits, Social Security, disability, Workers' Compensation, unemployment insurance benefits, civil service protection, disability retirement benefits, paid holidays or other paid leaves of absence.
3. Contractor is solely obligated to pay all applicable taxes, deductions and other obligations including, but not limited to, federal and state income taxes, withholding, Social Security, unemployment, disability insurance, Workers' Compensation and Medicare payments.
4. Contractor shall indemnify and hold the District harmless from any liability which the District may incur because of Contractor's failure to pay such obligations nor shall the District be responsible for any employer-related costs not otherwise agreed to in advance between the District and Contractor.
5. As an independent contractor, Contractor is not subject to the direction and control of the District except as to the final result contracted for under this Agreement. the District may not require Contractor to change Contractor's manner of doing business, but may require redirection of efforts to fulfill this Agreement.
6. Contractor may provide services to others during the same period Contractor provides service to the District under this Agreement.
7. Any third persons employed by Contractor shall be under Contractor's exclusive direction, supervision and control. Contractor shall determine all conditions of employment including hours, wages, working conditions, discipline, hiring and discharging or any other condition of employment.
8. As an independent contractor, Contractor shall indemnify and hold the District harmless from any claims that may be made against the District based on any contention by a third party that an employer-employee relationship exists under this Agreement.

9. Contractor, with full knowledge and understanding of the foregoing, freely, knowingly, willingly and voluntarily waives the right to assert any claim to any right or benefit or term or condition of employment insofar as they may be related to or arise from compensation paid under this Agreement.

C. PROPRIETARY MATERIAL

The District does not authorize the impermissible use of any patent or the impermissible reproduction of any copyrighted material by Contractor in the performance of this Agreement. Contractor is solely responsible for any such use.

D. WAIVER

Any failure of a party to assert any right under this Agreement shall not constitute a waiver or a termination of that right, under this Agreement or any of its provisions.

E. NONDISCRIMINATION

1. In rendering services under this Agreement, Contractor shall comply with all applicable federal, state and local laws, rules and regulations and shall not discriminate based on age, ancestry, color, gender, marital status, medical condition, national origin, physical or mental disability, race, religion, sexual orientation, or other protected status.
2. Further, Contractor shall not discriminate against its employees, which includes, but is not limited to, employment upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship.

F. OWNERSHIP AND CONFIDENTIALITY OF DOCUMENTS

The District shall be the owner of and shall be entitled to possession of all rights, title, royalties and interest to and in all work product of Contractor resulting from its performance under this Agreement, including, but not limited to, drawings, specifications, data, reports, estimates, software, summaries, electronic files of all deliverables, and any other such information and materials as may be prepared or developed by Contractor in performing work under this Agreement, whether complete or in progress and none shall be revealed, disseminated, or made available by Contractor to others without prior consent of the District. If this Agreement is terminated in accordance with Section VI, Contractor shall deliver such documents within two weeks of receipt of a termination notice.

It is understood that Contractor's work product is prepared for this specific Project. Any use of such work product by the District for a different project without Contractor's written approval shall be at the District's risk. Any use by

District of an incomplete work product without Contractor's written approval shall be at District's risk.

"Confidential Information" as used in this Agreement shall mean (a) information concerning the District's business, property or technology, is confidential in nature and not generally known to the public, and is disclosed by the District to Contractor in connection with the PROJECT; and (b) any information received from the District that may be made known to Contractor to treat as confidential or proprietary, including information designated as "Confidential" (or with some other similar legend) or identified as confidential at the time of disclosure or is of a nature that should be considered confidential based on the circumstances surrounding the disclosure.

Contractor shall not disclose any Confidential Information of the District to any third party (other than to its employees and representatives as provided for in this Agreement), and shall only use Confidential Information of the District in connection with the PROJECT. Contractor will treat all Confidential Information with the same degree of care as it accords its own confidential information, but in no case less than reasonable care. Contractor will disclose Confidential Information only to those of its employees and representatives who need to know such information and who are bound by confidentiality obligations that are similar to those which protect the Confidential Information.

Contractor's obligations under this section shall not apply to Confidential Information that is (a) in the public domain or known in the trade at or subsequent to the time communicated to Contractor by the District through no fault of Contractor; (b) rightfully in Contractor's possession free of any obligation of confidentiality at or subsequent to the time communicated to Contractor by the District; (c) received from a third party who rightfully disclosed it to Contractor without restriction on its subsequent disclosure; (d) developed by employees or agents of Contractor independently of and without reference to any Confidential Information communicated to Contractor by District or approved for release in writing by the District. In addition, any disclosure of any portion of Confidential Information either (i) in response to a valid order by a court or other governmental body, or (ii) otherwise required by law, shall not be considered to be a breach of this Agreement or a waiver of confidentiality for other purposes; provided, however, that, to the extent legally permissible and reasonably possible, Contractor shall provide prompt prior written notice thereof to District to enable District (at its sole expense) to seek a protective order or otherwise prevent such disclosure.

This section will remain in full force and effect until such time the Confidential Information is no longer considered by the District to be confidential. Upon the District's written request, Recipient shall, at its sole election, return or destroy all Confidential Information received under this Agreement. Notwithstanding the foregoing, nothing shall require the alteration, modification, deletion or destruction of back-up tapes or other back-up media made in the ordinary course

of business, provided that said backup tapes or other back-up media shall be stored in a manner that prevents unauthorized access or use of Confidential Information.

G. EXAMINATION OF RECORDS

Contractor agrees that the District will have access to and the right to examine any directly pertinent books, documents, papers, and records of any and all transactions relating to this Agreement at any time after the inception of the Agreement upon reasonable notice.

H. SCOPE OF AGREEMENT

This writing constitutes the entire Agreement between the parties relative to Contractor's services on the PROJECT, and no modification hereof shall be effective unless and until such modification is evidenced by a writing signed by both parties to this Agreement.

I. NOTICES

All notices from one party to the other shall be in writing and delivered or mailed to such party at its designated address as follows, or sent via facsimile transmission to such telephone number indicated as follows. Such notices shall be deemed to have been made: (1) when hand delivered; (2) as indicated by certified mail receipt; (3) five days after mailing by first class mail; or (4) as indicated on facsimile transmission receipt, if facsimile transmission is followed by prompt certified or first class mailing or hand delivery.

DISTRICT: Fairfield-Suisun Sewer District
 1010 Chadbourne Road
 Fairfield, CA 94534-9700
 Phone (707) 429-8930
 Fax (707) 429-1280

CONSULTANT: Contractor/Consultant Name
 Contractor/Consultant Address 1
 Contractor/Consultant Address 2
 Phone Contractor/Consultant Phone
 Fax Contractor/Consultant Fax

J. APPLICABLE LAWS

Contractor shall perform this Agreement in accordance with all applicable federal, state, and local laws and regulations. This Agreement shall be construed in accordance with California law. Venue concerning any dispute shall be in Solano County.

Contractor and any subcontractors shall comply with the provisions of Labor Code Sections 1770 et seq., if applicable.

K. EXECUTION IN COUNTERPARTS

This Agreement may be executed in two or more counterparts, each of which together shall be deemed an original, but all of which together shall constitute one and the same instrument, it being understood that all parties need not sign the same counterpart. In the event that any signature is delivered by facsimile or electronic transmission (e.g., by e-mail delivery of a ".pdf" format data file), such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or electronic signature page were an original signature.

IN WITNESS the parties have executed this Agreement on the day first above-written.

FAIRFIELD-SUISUN SEWER DISTRICT:

Signature

Printed Name

Title

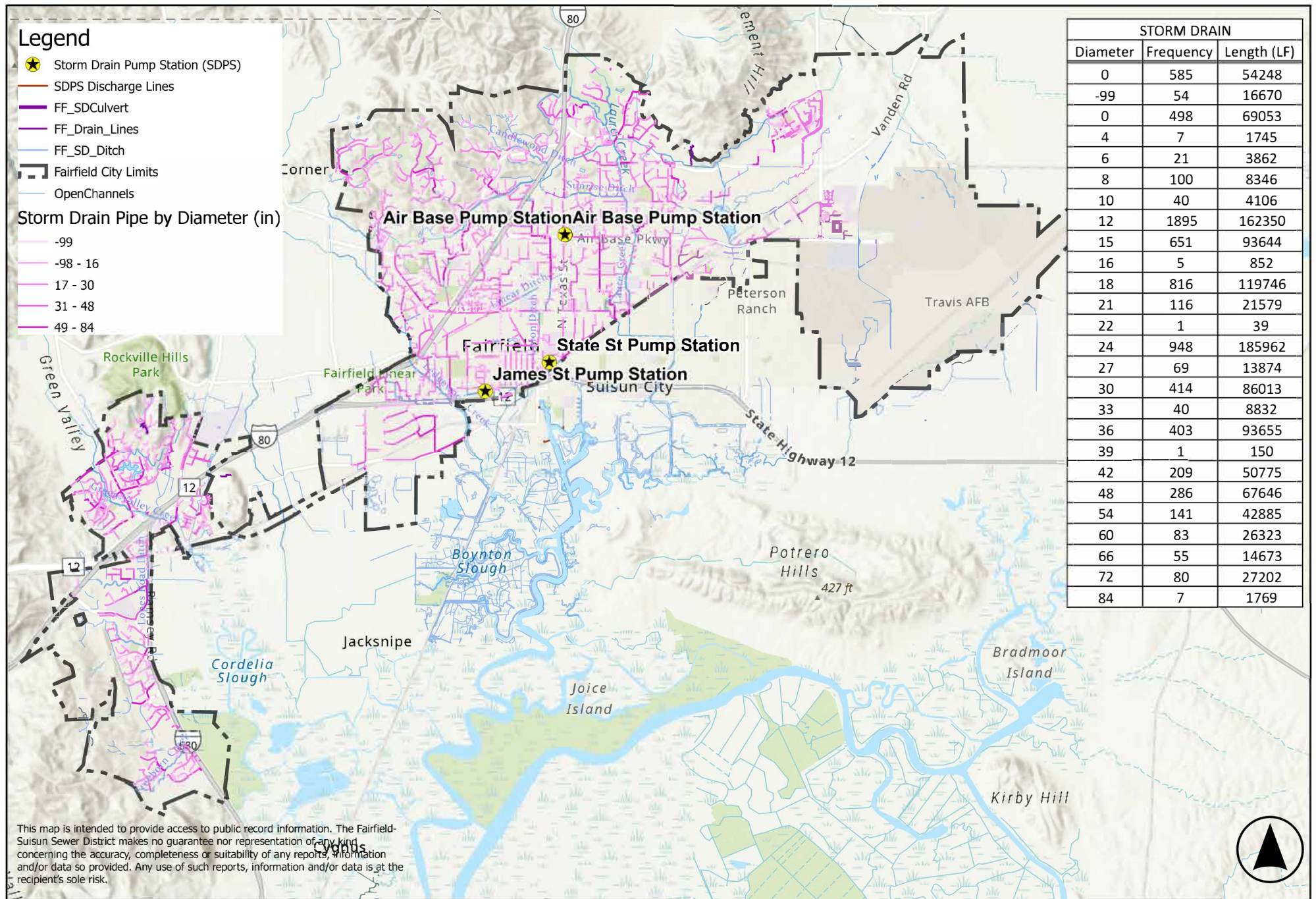
NAME OF CONTRACTOR/CONSULTANT FIRM:

Signature

Printed Name

Title

APPENDIX B: STORM DRAINAGE SYSTEM MAPS



FAIRFIELD STORM DRAIN SYSTEM

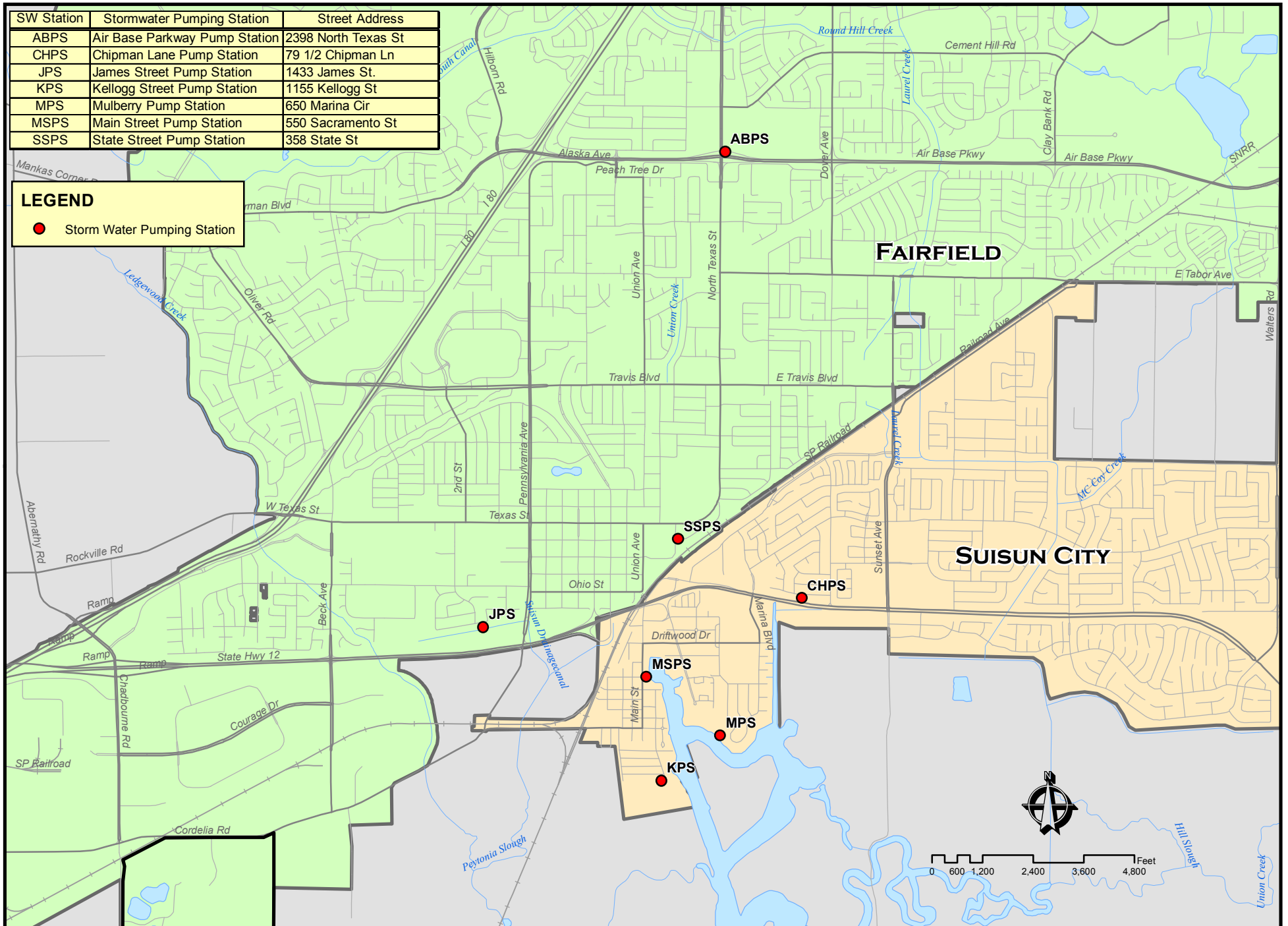
APPENDIX C: STORMWATER PUMP STATIONS – SITE INFORMATION AND PHOTOS

STORM WATER PUMP STATIONS – MAP OF FACILITY LOCATIONS

SW Station	Stormwater Pumping Station	Street Address
ABPS	Air Base Parkway Pump Station	2398 North Texas St
CHPS	Chipman Lane Pump Station	79 1/2 Chipman Ln
JPS	James Street Pump Station	1433 James St.
KPS	Kellogg Street Pump Station	1155 Kellogg St
MPS	Mulberry Pump Station	650 Marina Cir
MSPS	Main Street Pump Station	550 Sacramento St
SSPS	State Street Pump Station	358 State St

LEGEND

● Storm Water Pumping Station



This document is intended to provide access to public record information. The Fairfield-Suisun Sewer District makes no guarantee nor representation of any kind concerning the accuracy, completeness or suitability of any reports, information and/or data so provided. Any use of such reports, information and/or data is at the recipient's sole risk.

FAIRFIELD-SUISUN SEWER DISTRICT STORMWATER PUMPING STATIONS

Suisun City
Storm Water Pump Stations

Chipman Lane Pump Station

The Chipman Lane Pump Station is located in a residential area on Chipman Lane just to the north of Highway 12 in Suisun City. The station was placed in service in or around 1977, equipped with three independent 60-hp vertical propeller pumps controlled by float switches. An ultrasonic level sensor and transmitter provide local and remote wet well indication.



Kellogg Street Pump Station

The Kellogg Street Pump Station is located at the southern end of Kellogg Street in Suisun City, across the street from the municipal boat launch. It pumps the water collected from the southern part of the old downtown area in Suisun City into the Suisun Slough. The pump station and discharge line were replaced in 1997 with a submersible pump station, built next to the old station, and a new larger discharge line. The original pump, check valve and MCC were removed, but the original wet well and discharge line were left intact for possible future operation with a portable pump for emergency use. Currently, the pump station is equipped with two pumps, with all piping and the MCC ready to accept a third pump in the future if needed.



Main Street Pump Station

The Main Street Pump Station is located adjacent to a parking lot in downtown Suisun City. The old pump station was replaced with a new submersible pump station in the early 1990s, as part of the Suisun downtown plaza. The pump station is equipped with two submersible pumps which are controlled based on wet well level, as measured by an ultrasonic level sensor. Float switches serve as back-up in the event the ultrasonic level sensor fails.



Mulberry Street Pump Station

The Mulberry Street Pump Station is located in Suisun City. The original pump station, which was constructed in 1962, was replaced with a submersible pump station with a larger hydraulic capacity in 2001. The station is currently equipped with two submersible pumps, with provisions to add a third pump in the future if necessary.



Fairfield

Storm Water Pump Stations

Air Base Parkway Pump Station

The Air Base Parkway Pump Station was placed in service in or around 1980 to pump water collected in the underpass of Air Base Parkway at North Texas into the local gravity system to prevent the underpass from flooding. The station has two submersible pumps operated on a float control system, with an ultrasonic level sensor providing wet well level indication.



James Street Pump Station

The James Street Pump Station was constructed in or around 1959 to protect the James Street area north to Woolner Avenue in Fairfield. The station has two submersible pumps with controls based on wet well level as measured by an ultrasonic level sensor, with float switches serving as back-up to start and stop pumps.



State Street Pump Station

The State Street Pump Station was constructed in the late 1960s to protect the business area along State Street. The station operates with two independent vertical propeller pumps controlled based on wet well level as measured by a HydroRanger ultrasonic level sensor, with float switches serving as back-up.

