

Attachment A

Board Contract Summary

BC _____

For use with Expenditure Contracts submitted to the Board for approval. Complete information below, print, obtain signature of authorized departmental representative, and submit this form, along with attachments, to the appropriate departments for signature. See also: *Auditor-Controller Intranet Policies->Contracts*.

D1.	Fiscal Year	FY 18/19, FY 19/20
D2.	Department Name	Public Works
D3.	Contact Person	Nina Danza
D4.	Telephone	(805) 882-3622

K1.	Contract Type (check one): <input checked="" type="checkbox"/> Personal Service <input type="checkbox"/> Capital	
K2.	Brief Summary of Contract Description/Purpose	Regulatory storm water compliance consulting services
K3.	Department Project Number	130199
K4.	Original Contract Amount	\$ 37,416.20
K5.	Contract Begin Date	09/11/18
K6.	Original Contract End Date	06/30/20
K7.	Amendment? (Yes or No)	No
K8.	- New Contract End Date	N/A
K9.	- Total Number of Amendments	N/A
K10.	- This Amendment Amount	\$ N/A
K11.	- Total Previous Amendment Amounts	\$ N/A
K12.	- Revised Total Contract Amount	\$ N/A

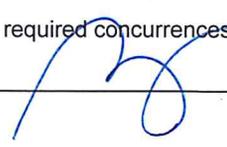
B1.	Intended Board Agenda Date	09/11/18
B2.	Number of Workers Displaced (if any)	None
B3.	Number of Competitive Bids (if any)	N/A
B4.	Lowest Bid Amount (if bid)	N/A
B5.	If Board waived bids, show Agenda Date	N/A
	and Agenda Item Number	N/A
B6.	Boilerplate Contract Text Changed? (If Yes, cite Paragraph)	N/A

F1.	Fund Number	1930
F2.	Department Number	054
F3.	Line Item Account Number	7460
F4.	Project Number (if applicable)	130199
F5.	Program Number (if applicable)	1750
F6.	Org Unit Number (if applicable)	N/A
F7.	Payment Terms	Monthly

V1.	Auditor-Controller Vendor Number	806815
V2.	Payee/Contractor Name	Tetra Tech
V3.	Mailing Address	3201 Airpark Drive, Suite 108
V4.	City State (two-letter) Zip (include +4 if known)	Santa Maria, CA 93455
V5.	Telephone Number	(805) 739 2650
V6.	Vendor Contact Person	Anne Simpson
V7.	Workers Comp Insurance Expiration Date	10/01/18
V8.	Liability Insurance Expiration Date	10/01/18
V9.	Professional License Number	QS00517
V10.	Verified by (print name of county staff)	

V11 Company Type (Check one): Individual Sole Proprietorship Partnership Corporation

I certify information is complete and accurate; designated funds available; required concurrences evidenced on signature page.

Date: 8/17/18 Authorized Signature: 

AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR

THIS AGREEMENT (hereafter Agreement) is made by and between the County of Santa Barbara, a political subdivision of the State of California (hereafter COUNTY) and Tetra Tech, Inc. with an address at 3201 Airpark Drive, Suite 108, Santa Maria, CA 93455 (hereafter CONTRACTOR) wherein CONTRACTOR agrees to provide and COUNTY agrees to accept the services specified herein.

WHEREAS, CONTRACTOR 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 CONTRACTOR 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

Nina Danza, PE at phone number 805/882-3622 is the representative of COUNTY and will administer this Agreement for and on behalf of COUNTY. Anne Simpson at phone number 805/739-2650 is the authorized representative for CONTRACTOR. 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: Nina Danza, Santa Barbara County Public Works, Resource Recovery and Waste Management Division, 130 E. Victoria Street, Suite 100, Santa Barbara, CA 93101, 805-882-3600

To CONTRACTOR: Anne Simpson, Tetra Tech, Inc., 3201 Airpark Drive, Suite 108, Santa Maria, CA 93455, 805-739-2650

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

CONTRACTOR agrees to provide services to COUNTY in accordance with EXHIBIT A attached hereto and incorporated herein by reference.

4. TERM

CONTRACTOR shall commence performance on September 11, 2018 and end performance upon completion, but no later than June 30, 2020 unless otherwise directed by COUNTY or unless earlier terminated.

5. COMPENSATION OF CONTRACTOR

In full consideration for CONTRACTOR's services, CONTRACTOR 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 CONTRACTOR (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 venturer, partner, or associate of COUNTY. Furthermore, COUNTY shall have no right to control, supervise, or direct the manner or method by which CONTRACTOR shall perform its work and function. However, COUNTY shall retain the right to administer this Agreement so as to verify that CONTRACTOR is performing its obligations in accordance with the terms and conditions hereof. CONTRACTOR 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. CONTRACTOR shall be solely liable and responsible for providing to, or on behalf of, its employees all legally-required employee benefits. In addition, CONTRACTOR shall be solely responsible and save COUNTY harmless from all matters relating to payment of CONTRACTOR'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, CONTRACTOR may be providing services to others unrelated to the COUNTY or to this Agreement.

7. STANDARD OF PERFORMANCE

CONTRACTOR represents that it has the skills, expertise, and licenses/permits necessary to perform the services required under this Agreement. Accordingly, CONTRACTOR shall perform all such services in the manner and according to the standards observed by a competent practitioner of the same profession in which CONTRACTOR is engaged. All products of whatsoever nature, which CONTRACTOR 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 CONTRACTOR's profession. CONTRACTOR 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 CONTRACTOR without additional compensation.

8. DEBARMENT AND SUSPENSION

CONTRACTOR 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. CONTRACTOR certifies that it shall not contract with a subcontractor that is so debarred or suspended.

9. TAXES

CONTRACTOR 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 CONTRACTOR's behalf, and should COUNTY be required to do so by state, federal, or local taxing agencies, CONTRACTOR 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

CONTRACTOR covenants that CONTRACTOR 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. CONTRACTOR further covenants that in the performance of this Agreement, no person having any such interest shall be employed by CONTRACTOR. CONTRACTOR must promptly disclose to COUNTY, in writing, any potential conflict of interest. COUNTY retains the right to waive a conflict of interest disclosed by CONTRACTOR if COUNTY determines it to be immaterial, and such waiver is only effective if provided by COUNTY to CONTRACTOR 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. CONTRACTOR shall not release any of such items to other parties except after prior written approval of COUNTY.

Unless otherwise specified in Exhibit A, CONTRACTOR 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 CONTRACTOR 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. CONTRACTOR 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. CONTRACTOR 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. CONTRACTOR 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 CONTRACTOR hereunder infringe upon intellectual or other proprietary rights of a third party, and CONTRACTOR 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

CONTRACTOR shall not use COUNTY's name or logo or any variation of such name or logo in any publicity, advertising or promotional materials. CONTRACTOR shall not use COUNTY's name or logo in any manner that would give the appearance that the COUNTY is endorsing CONTRACTOR. CONTRACTOR shall not in any way contract on behalf of or in the name of COUNTY. CONTRACTOR 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 CONTRACTOR's use in connection with the services shall remain COUNTY's property, and CONTRACTOR shall return any such items whenever requested by COUNTY and whenever required according to the Termination section of this Agreement. CONTRACTOR may use such items only in connection with providing the services. CONTRACTOR shall not disseminate any COUNTY property, documents, or information without COUNTY's prior written consent.

14. RECORDS, AUDIT, AND REVIEW

CONTRACTOR shall keep such business records pursuant to this Agreement as would be kept by a reasonably prudent practitioner of CONTRACTOR'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 CONTRACTOR's regular business hours or upon reasonable notice. In addition, if this Agreement exceeds ten thousand dollars (\$10,000.00), CONTRACTOR 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). CONTRACTOR 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, CONTRACTOR 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, CONTRACTOR 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

CONTRACTOR 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 CONTRACTOR 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 CONTRACTOR agrees to comply with said ordinance.

17. NONEXCLUSIVE AGREEMENT

CONTRACTOR 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 CONTRACTOR as the COUNTY desires.

18. NON-ASSIGNMENT

CONTRACTOR 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 CONTRACTOR, 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 CONTRACTOR 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, CONTRACTOR 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 CONTRACTOR 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 CONTRACTOR 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, CONTRACTOR 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 CONTRACTOR, unless the notice directs otherwise.
- B. **By CONTRACTOR.** Should COUNTY fail to pay CONTRACTOR all or any part of the payment set forth in EXHIBIT B, CONTRACTOR may, at CONTRACTOR'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, CONTRACTOR 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 CONTRACTOR in performing this Agreement, whether completed or in process, except such items as COUNTY may, by written permission, permit CONTRACTOR to retain. Notwithstanding any other payment provision of this Agreement, COUNTY shall pay CONTRACTOR 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 CONTRACTOR be paid an amount in excess of the full price under this Agreement nor for profit on unperformed portions of service. CONTRACTOR 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 CONTRACTOR. In the event of a dispute as to the reasonable value of the services rendered by CONTRACTOR, 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

CONTRACTOR 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 CONTRACTOR in any action or proceeding against CONTRACTOR, whether COUNTY is a party thereto or not, that CONTRACTOR has violated any such ordinance or statute, shall be conclusive of that fact as between CONTRACTOR 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, CONTRACTOR hereby warrants that it shall not have breached the terms or conditions of any other contract or agreement to which CONTRACTOR 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.

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Agreement for Services of Independent Contractor between the **County of Santa Barbara** and Tetra Tech, 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
Clerk of the Board

COUNTY OF SANTA BARBARA:

By: _____
Deputy Clerk

By: _____
Chair, Board of Supervisors

Date: _____

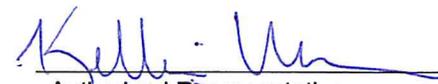
RECOMMENDED FOR APPROVAL:

Public Works Department

CONTRACTOR:

Tetra Tech, Inc.

By: 
Department Head

By: 
Authorized Representative
Name: Kellie Warriner
Title: Director, Contract

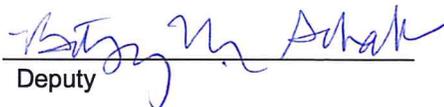
APPROVED AS TO FORM:

Michael C. Ghizzoni
County Counsel

APPROVED AS TO ACCOUNTING FORM:

Theodore A. Fallati, CPA
Auditor-Controller

By: 
Deputy County Counsel

By: 
Deputy

APPROVED AS TO FORM:

Risk Management

By: 
Risk Management

EXHIBIT A

STATEMENT OF WORK

Contractor shall provide storm water technical services as set forth in proposal dated 2 August 2018 included as Attachment A-1 herein incorporated by reference.

Anne Simpson shall be the individual(s) personally responsible for providing all services hereunder. CONTRACTOR may not substitute other persons without the prior written approval of COUNTY's designated representative.

Suspension for Convenience. COUNTY may, without cause, order CONTRACTOR in writing to suspend, delay, or interrupt the services under this Agreement in whole or in part for up to 30 days. COUNTY shall incur no liability for suspension under this provision and suspension shall not constitute a breach of this Agreement.

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EXHIBIT A-1



August 2, 2018

M-2592a

SUBMITTED VIA EMAIL

Ms. Nina Danza
Resource Recovery & Waste Management Division
County of Santa Barbara
4004 Foxen Canyon Road
Los Olivos, CA

Subject: Revised Proposal to Develop Final Level 2 ERA Technical Report for the Santa Ynez Valley Recycling and Transfer Station (SYVRTS)

Dear Ms. Danza,

Tetra Tech is pleased to present this revised proposal to the County of Santa Barbara Resource Recovery and Waste Management Division (the County) for support with California Industrial General Permit (Order 2014-0057-DWQ) (IGP) compliance. Tetra Tech has assisted the County with developing a Level 2 Action Plan for total iron and chemical oxygen demand (COD) and carrying out the Action Plan (i.e., conducting investigative sampling, literature search, hydrologic calculations, etc.). Tetra Tech also developed a Draft Level 2 ERA Technical Report. This proposal is for production of the Final Level 2 ERA Technical Report, Final Improvement Plan, and engineering support during construction of the BMPs.

STATEMENT OF ABILITY TO PERFORM AND COMPLETE WORK

Tetra Tech is a full-service Architecture and Engineering firm founded in 1966 with 16,000 employees including storm water specialists, engineers, and scientists in over 400 offices worldwide (www.tetrattech.com). Tetra Tech is a publicly held company (NASDAQ: TTEK) with annual gross revenue of \$2.6 billion (FY 2016) with highly qualified staff focused on helping our clients conceptualize and execute innovative solutions to complex problems. Tetra Tech has ranked in the top 10 percent of the Engineering News Record survey of the top 500 design firms in the nation for the past 11 years.

ENR Tetra Tech Rankings
Engineering News-Record
1 Water
1 Environmental Management
1 Solid Waste
1 Dams & Reservoirs
1 Treatment/Desalination
1 Wind Power
7 Top 500 Design Firms

Tetra Tech's Water, Environment, and Infrastructure group provides consulting and engineering services, including all aspects of storm water management. Locally, Tetra Tech has trained, qualified, industrial storm water staff in four offices: Santa Barbara, Buellton, Santa Maria, and San Luis Obispo, including QISPs. Tetra Tech has successfully supported clients with a broad range of IGP needs including site assessment; BMP selection and design; SWPPP development and amendments; ERAs, inspections and storm water sampling; SMARTS reporting; Changes of Information; and upon client request, Water Board communication and coordination.



TECHNICAL APPROACH

The scope of work consists of the following tasks.

Task 1 – Develop Final Level 2 Technical Report

As part of developing the Final Level 2 Technical Report, Tetra Tech will:

- Address County's comments on the Draft Level 2 ERA Technical Report.
- Calculate iron and COD loading to subdrainages by using storm runoff calculations by area in which internal samples were collected (this is not intended to be an accurate depiction of actual contribution of iron and COD from the facility, as it's based on one storm and an estimation of runoff volume; however, it can present some idea of relative/comparative sources).
- Perform a site walk to visually confirm estimated subdrainage areas for hydrology.
- Enhance the Draft Level 2 ERA Technical Report with additional information to show that media selected for the storm water treatment BMPs is capable of treating the concentrations of iron and reducing COD levels in runoff from the pollutant source areas. The BMPs must achieve compliance with the Best Available Technology Economically Achievable (BAT) and Best Conventional Pollutant Control Technology (BCT) of the IGP and are expected to eliminate future NAL exceedances of total iron and COD.
- Enhance figures to show BMPs for drain inlet (DI) #1 through #5 (as shown on the *30% Improvement Plan*, Exhibit C-102) and contributing subdrainage area. Figures will be submitted to County for review prior to submittal of Final Level 2 ERA Technical Report.
- Develop an implementation schedule with the target end date of construction of BMPs.
- Enhance costs of BMP installation and maintenance. (Refined costs and operating and maintenance procedures will be provided as part of Task 2, which will be the production of the Final Improvement Plans.)
- Participate in two meetings with the County to discuss BMP placement, sizing, media, and maintenance. Ongoing email and phone communication with County will also occur.

Task 2 – Final Improvement Plans

Additional topographic information will likely be required to develop the Final Improvement Plans. Tetra Tech understands that the County surveyors will be available to collect pertinent topographic data and submit to Tetra Tech. This data should be received by Tetra Tech within a week of the initial request to prevent delays in the submittal of the Final Improvement Plans.

Tetra Tech will prepare Final Improvement Plans for two high priority treatment areas, which flow to DI #1 and #5. (Although samples collected of runoff flowing to DI #2 had a high iron concentration and COD level during a very large storm event, the DI generally does not receive flow in small to average rain events; it is, therefore, lower priority). The Final Improvement Plans will consist of one or two plan sheets and an additional detail sheet. The following are not included, but may be produced for an additional fee:

- Cover Sheet;
- Demolition Plan; and/or
- Erosion and Sediment Control Plan.

The Final Improvement Plans will reference specifications from *Standard Specifications for Public Works Construction, The "Greenbook" (2012)*. Tetra Tech will develop and submit the Draft Improvement Plans to the County for review. Upon the County's approval of the Draft, Tetra Tech will develop and submit the Final Improvement Plans.



Task 3 – Engineering Support During BMP Construction

Tetra Tech will provide engineering support during construction of the Level 2 BMPs, consisting of the following:

- Attend one pre-construction on-site meeting;
- Answer Contractor questions during bid process, if any. Contractor bid questions should be addressed to the County and consolidated. Tetra Tech will respond to one set of consolidated questions.
- Perform scheduled construction inspection at project milestones:
 - Pre-construction;
 - Post-demolition of existing structures and excavation;
 - Structural installation complete (prior to placement of engineered filtration media)
 - Post-construction, prior to contractor demobilization.
- Develop final record drawings that are based on a red-lined copy of the Final Improvement Plans

SCHEDULE

The project schedule is provided in Table 1. The schedule may change based on date of award and can be tailored to the County's needs.

**Table 1
Project Schedule**

<i>Task</i>	<i>Responsible Entity</i>	<i>Task</i>	<i>Approximate Date/ Timeframe (subject to change)</i>
<i>Notice to Proceed</i>	County	Provide Tetra Tech with Notice to Proceed	Sept 2018
<i>Final Level 2 ERA Technical Report</i>	Tetra Tech	Calculate drainage area contributing to each drain inlet, iron and COD loading to inlets	Sept 2018
	Tetra Tech	Perform Site visit to field verify calculated drainage areas	Sept 2018
	Tetra Tech	Acquire additional info for report (lit review, media specifications, etc.)	Sept – Nov 2018
	Tetra Tech and County	Meeting with County to discuss BMP details	Nov 2018
	Tetra Tech	Submit to County Final Level 2 ERA Technical Report	By December 15, 2018
<i>Final Improvement Plans</i>	Tetra Tech	Develop Draft Improvement Plans	Mar 2019
		Develop Final Improvement Plans	Apr 2019
<i>Engineering Support During BMP Construction</i>	To be determined based on award and construction schedule. To be completed by June 30, 2020.		



KEY PROJECT PERSONNEL

The key project personnel for this project are listed below, with a summary of their applicable experience. Their attached resumes provide additional information.

Anne Simpson, CPESC, CPSWQ, QISP, QSD/P—Ms. Simpson will serve as the Project Manager and lead QISP for this project. Ms. Simpson is an Environmental Scientist, a QISP, QSD/P, a Certified Professional in Sediment and Erosion Control (CPESC), and Certified Professional in Storm Water Quality (CPSWQ) with over 13 years of water quality experience. Ms. Simpson has presented erosion control research at an international conference, has authored an Erosion and Sediment Control Manual, and recently supported revisions to the California Storm Water Quality Association's *Construction BMP Handbook*. Ms. Simpson has supported Industrial Storm Water Programs for a number of clients, including Space Exploration Technologies (SpaceX), Lucas & Lewellen Winery, U.S. Air Force (Vandenberg Air Force Base), and Keurig Green Mountain and served as a QISP for multiple clients in California, including Esterline Sunbank Joslyn Company and Zaca Mesa Winery.

Jason Fussel, PE, PLS LEED AP, QISP, QSD/P, ENV SP— Mr. Fussel will serve as Senior Engineer for this project, out of our Buellton, CA office. Mr. Fussel has been a member of the Tetra Tech team for more than 13 years and has a broad knowledge of civil engineering stemming from his involvement in a variety of residential, educational and federal projects. His experience includes work on both public and private sector jobs of varying size and construction material types including the design of sewer transmission systems, water distribution systems, street and storm drain improvements and grading activities varying from mass grading to final precise grading plans. Mr. Fussel's strengths include storm water analysis and studies, design, preparation of specifications, bid documents and cost estimates, and construction support services. Mr. Fussel has extensive and relevant experience in the storm water and BMP arena, which includes successful implementation of sustainable design practices for a vast array of improvement projects. Mr. Fussel's significant involvement in Low Impact Development (LID) and Storm Water Pollution Prevention and reduction projects in Southern California, specifically as Engineer of Record for several important Proposition "O" projects for the City of Los Angeles, provide the foundation for his continued leadership in the industry.

Craig Ziel, P.E., QISP, QSP/D—Mr. Ziel will serve as an Engineer for this project and will oversee the County's survey of the SYVRTS storm water conveyance system. Mr. Ziel has proven experience implementing State Water Board requirements for preventing and mitigating storm water pollutants. This includes preparing traditional and linear SWPPPs for the purposes of eliminating pollutant discharges during construction. He is also experienced in preparing Water Quality Management Plans (WQMPs) for development and redevelopment projects. Mr. Ziel incorporates his knowledge of hydraulic/hydrologic analysis and Low Impact Design BMPs to mitigate post development impacts to the environment. Mr. Ziel also has sufficient experience preparing grading and drainage plans for roads, mass grading, finish grading, and grading for LID projects. Mr. Ziel understands the unique characteristics of every site and employs a variety of design techniques including AutoDesk's Civil 3D, as well as various hydraulic/hydrologic analysis software programs. This approach allows him to analyze the interaction of utilities, grading, and drainage during the design process and develop innovative and dynamic solutions for every project.

Tim Tringali, CPESC, QISP, QSD/QSP—Mr. Tringali will provide QA/QC. Mr. Tringali is a Senior Environmental Scientist and Water Quality Program Manager with 14 years of experience. Mr. Tringali has developed numerous SWPPPs in accordance with the IGP, implemented BMPs, and performed monitoring and reporting. Mr. Tringali served as an auditor for the U.S. Environmental Protection Agency (EPA); in this capacity, he coordinated with the Regional Water Boards to perform industrial facility inspections and develop summary reports related to facility compliance. To date, Mr. Tringali has assisted multiple industries with complying with the IGP including, but not limited to Keurig Green



Mountain, Space Exploration Technologies (SpaceX), Vandenberg Air Force Base, and Aerojet Rocketdyne.

ASSUMPTIONS

Several assumptions have been made in developing this revised proposal, if not valid, will constitute a change in the scope of work, thereby requiring an adjustment in project cost. Tetra Tech will notify the County of any such changes in writing. Assumptions and limitations to our scope of work are as follows:

- This cost estimate is based on our understanding of the current regulatory framework for the site. Should regulations change or if additional regulatory requirements are imposed, the project work scope, and costs may need to be modified.
- Tetra Tech is not the Legally Responsible Person for the projects. The Legally Responsible Person will designate a Tetra Tech individual as the “Data Submitter” in SMARTS to allow Tetra Tech to upload the Level 2 ERA Technical Report.
- It is assumed the following (and no additional) personal protective equipment will be required: steel-toe boots, hard hat, non-shattering eyewear, ear protection, safety vest/fluorescent shirt.
- Tetra Tech will provide ERA and BMP recommendations and develop Improvement Plans based on best professional judgment and extensive past experience; however, Tetra Tech cannot be held responsible for differing opinions of regulatory agencies and cannot guarantee recommended BMPs will prevent any future NAL exceedances.
- One Final Level 2 ERA Technical Report will be developed.
- Costs are not included to amend the existing SWPPP or develop Changes of Information in SMARTS.
- For the County survey requested in Task 2, Tetra Tech will provide a markup of a site map detailing the area requiring additional topographic information. County will submit survey data to Tetra Tech electronically in DWG format. Data will be provided in the same vertical and horizontal datum consistent with previous topographic information provided to Tetra Tech.
- Tetra Tech recommends that the County collect storm water samples of runoff flowing to DI #1 and #5 and submit to the manufacturer of the engineered media for bench testing prior to Draft Improvement Plan submittal.
- Tetra Tech recommends that the County retain the services of a geotechnical engineer for recommendations on excavation, compaction, and shoring.
- Construction-related inspections will consist of visual observations and photographs.
- Engineering changes will be documented during construction by the County and/or its contractor and submitted to Tetra Tech for the purpose of developing record drawings.

ESTIMATED COST

Tetra Tech proposes to perform these tasks on a time-and-materials basis for a not-to-exceed price of \$37,416.20, as shown in the attached price proposal, for the period of performance from expected award in September 2018 to June 30, 2020. Any additional out-of-scope services, meetings, or reports requested by the County will be billed on a time-and-materials basis in accordance with the rates and categories provided in the attached spreadsheet.

LIMITATIONS

Services performed by Tetra Tech under this contract will be conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same general area under the same general conditions. No other representation, warranty, or guarantee—expressed or implied—is included or intended in this revised proposal or in any subsequent report, opinion, or document.



CONTRACTUAL TERMS AND CONDITIONS

We propose to perform these services in accordance with the aforementioned scope of work. Tetra Tech will proceed with the proposed scope of work following receipt of written authorization acknowledging your acceptance of this revised proposal and a purchase order or contract. If you have any questions or concerns or require additional information, please feel free to contact the undersigned. We look forward working with you on this project.

Sincerely,

TETRA TECH, INC.

A handwritten signature in black ink that reads 'Anne Simpson'.

Anne Simpson, CPESC, CPSWQ, QISP, QSD/P
Project Manager
anne.simpson@tetratech.com

A handwritten signature in black ink that reads 'Tim Tringali'.

Tim Tringali, CPESC, QISP, QSD/P
Water Resources Program Manager
tim.tringali@tetratech.com

Attachments: (1)—Cost Estimate

cc: Joller, E. (Tt-SMX)
Fussel, J. (Tt-Buellton)

TETRA TECH, INC.
Proposal to Develop Final Level 2 ERA Technical Report and Final Improvement Plans
and Provide Construction Support for the Santa Ynez Valley Recycling and Transfer Station (SYVRTS)
Time and Materials Cost Table

<u>DIRECT LABOR</u>	<u>RATE</u>	<u>Task 1</u> <u>Develop Final Level 2</u> <u>Technical Report</u>	<u>Task 2</u> <u>Final Improvement Plans</u>	<u>Task 3</u> <u>Engineering Support</u> <u>During BMP Construction</u>	<u>TOTAL</u> <u>HOURS</u>	<u>TOTAL LABOR</u>
Project Manager	\$ 170.00	3.0	0.0	0.0	3.0	510.00
Scientist Sr	\$ 132.00	40.0	61.0	42.0	143.0	18,876.00
Engineer Sr	\$ 220.00	0.0	11.0	0.0	11.0	2,420.00
Engineer Mid	\$ 155.00	16.0	0.0	0.0	16.0	2,480.00
Technician Sr	\$ 50.00	8.0	0.0	0.0	8.0	400.00
CADD/Design	\$ 112.00	0.0	75.0	24.0	99.0	11,088.00
Accounts Manager	\$ 113.00	2.0	0.0	3.0	5.0	565.00
Contract Manager	\$ 85.00	2.0	0.0	2.0	4.0	340.00
Editor	\$ 67.00	3.0	0.0	1.0	4.0	268.00
	\$ -	0.0	0.0	0.0	0.0	0.00
TOTAL HOURS		74.0	147.0	72.0	293.0	\$ 36,947.00
TOTAL LABOR COST		\$ 9,267.00	\$ 18,872.00	\$ 8,808.00		\$ 36,947.00
TRAVEL						
Local POV	\$ 0.680 mi.	120	120	450		469.20
TOTAL ODCs		\$ 81.60	\$ 81.60	\$ 306.00		\$ 469.20
TOTAL PROJECT COST		\$ 9,348.60	\$ 18,953.60	\$ 9,114.00		\$ 37,416.20

EXHIBIT B

PAYMENT ARRANGEMENTS

Periodic Compensation

- A. For CONTRACTOR services to be rendered under this Agreement, CONTRACTOR shall be paid a total contract amount, including cost reimbursements, not to exceed \$ 37,416.20.
- B. Payment for services and /or reimbursement of costs shall be made upon CONTRACTOR's satisfactory performance, based upon the scope and methodology contained in EXHIBIT A as determined by COUNTY.
- C. Monthly CONTRACTOR shall submit to the COUNTY 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. COUNTY REPRESENTATIVE shall evaluate the quality of the service performed and if found to be satisfactory shall initiate payment processing. COUNTY shall pay invoices or claims for satisfactory work within 30 days of receipt of correct and complete invoices or claims from CONTRACTOR.
- D. COUNTY's failure to discover or object to any unsatisfactory work or billings prior to payment will not constitute a waiver of COUNTY's right to require CONTRACTOR to correct such work or billings or seek any other legal remedy

EXHIBIT C

Indemnification and Insurance Requirements (For Professional Contracts)

INDEMNIFICATION

CONTRACTOR agrees to indemnify, defend (with counsel reasonably approved by COUNTY) and hold harmless COUNTY and its officers, officials, employees, agents 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, including the acts, errors or omissions of any person or entity and for any costs or expenses (including but not limited to attorneys' fees) incurred by COUNTY on account of any claim except where such indemnification is prohibited by law. CONTRACTOR's indemnification obligation applies to COUNTY's active as well as passive negligence but does not apply to COUNTY's sole negligence or willful misconduct.

NOTIFICATION OF ACCIDENTS AND SURVIVAL OF INDEMNIFICATION PROVISIONS

CONTRACTOR shall notify COUNTY 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

CONTRACTOR 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 CONTRACTOR, 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 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 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 CONTRACTOR'S profession, with limit of no less than \$1,000,000 per occurrence or claim, \$2,000,000 aggregate.

If the CONTRACTOR maintains higher limits than the minimums shown above, the COUNTY requires and shall be entitled to coverage for the higher limits maintained by

the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the COUNTY.

B. Other Insurance Provisions

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

1. **Additional Insured** – COUNTY, its officers, officials, employees, agents 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 the 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 and CG 20 37 if a later edition is used).
2. **Primary Coverage** – For any claims related to this Agreement, the CONTRACTOR's insurance coverage shall be primary insurance as respects the COUNTY, its officers, officials, employees, agents and volunteers. Any insurance or self-insurance maintained by the COUNTY, its officers, officials, employees, agents or volunteers shall be excess of the CONTRACTOR's insurance and shall not contribute with it.
3. **Notice of Cancellation** – Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the COUNTY.
4. **Waiver of Subrogation Rights** – CONTRACTOR hereby grants to COUNTY a waiver of any right to subrogation which any insurer of said CONTRACTOR may acquire against the COUNTY by virtue of the payment of any loss under such insurance. CONTRACTOR 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 COUNTY 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 COUNTY. The COUNTY may require the CONTRACTOR 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** – CONTRACTOR shall furnish the COUNTY 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 COUNTY before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the CONTRACTOR's obligation to provide them. The CONTRACTOR shall furnish evidence of renewal of coverage throughout the term of the Agreement. The COUNTY 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, COUNTY 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 COUNTY as a material breach of contract.
9. **Subcontractors** – CONTRACTOR shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein, and CONTRACTOR shall ensure that COUNTY 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 CONTRACTOR must purchase “extended reporting” coverage for a minimum of five (5) years after completion of contract work.
11. **Special Risks or Circumstances** – COUNTY 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. CONTRACTOR agrees to execute any such amendment within thirty (30) days of receipt.

Any failure, actual or alleged, on the part of COUNTY 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 COUNTY.