



TETRA TECH

March 23, 2015

Mr. Andy Brunhart
South Coast Water District
31592 West Street
Laguna Beach, CA 92651

**Re: San Juan Creek Property Phase II Site Improvements for Boat and RV Parking Lot
Contract #15-02-0068
Additional Work Request No. 2**

Dear Mr. Brunhart:

Tetra Tech respectfully submits our proposal to provide additional design and permitting services for the San Juan Creek Property Phase II Site Improvements for Boat and RV Parking Lot project. These additional services are due to additional permitting efforts to obtain the Conditional Use Permits, and based on changes requested from the District for construction and operational cost savings.

SCOPE OF SERVICES:

See attached "Exhibit A" for a full description of the scope for this additional work.

SCHEDULE:

The additional work will be completed within 4 weeks of the notice to proceed.

FEE:

We will complete the scope of work outlined on the attached Price Proposal for the estimated fixed price lump sum amount of **\$71,747.00**.

Thank you for the opportunity to submit our proposal. If you have any questions regarding our submittal, please contact Joe Dietz at (949) 809-5198 or by email at joe.dietz@tetratech.com

Respectfully,

Joe Dietz, P.E.
Project Manager

Approval and Notice to Proceed:

Andy Brunhart

Date

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Exhibit "A"**Scope of Services****San Juan Creek Property Phase II Site Improvements for Boat and RV Parking Lot****Contract #15-02-0068****Additional Work Request No. 2****TASK 1 LOT A CONDITIONAL USE PERMIT FOR CITY OF DANA POINT**

Tetra Tech prepared and submitted the Conditional Use Permit (CUP) application and supporting documentation to the City of Dana Point. This scope of work was excluded from our original proposal due to direction from the District that the CUP would not be required. The permit process included the original application submittal with plans and specifications, one revision in response to City comments, an Urban Runoff Flood letter with hydraulic modeling support, a Water Quality Management Plan, an operations summary, attendance at the Planning Commission meeting, preparation for notifications to adjacent property owners, and three meetings with the City.

TASK 2 LOT B CONDITIONAL USE PERMIT FOR CITY OF DANA POINT

A Conditional Use Permit (CUP) will also be required for Lot B. The permit processing will include the items noted in Task 1.0 above.

TASK 3 LOT A DESIGN CHANGES

Tetra Tech will revise the Lot A Plans, Specifications and Estimates to incorporate the construction cost savings measures as discussed at the meeting with South Coast Water District on Monday, March 16, 2015. The changes to Lot A will include:

- Removal of arm gates at entrances
- Incorporating sliding gates (similar to those installed at the adjacent Groundwater Facility with card readers)
- Revisions to the fire department gate at the south end of Lot A
- Incorporating a new access road between Lots A & B

TASK 4 LOT B DESIGN CHANGES

Tetra Tech will revise the Lot B Plans, Specifications and Estimates to incorporate the construction cost savings measures as discussed at the meeting with South Coast Water District on Monday, March 16, 2015. In addition to the changes to the bid package, revisions to some of the **existing permit applications will be** required based on the changes. The changes to Lot B will include:

- Removal of arm gates at entrances
- Incorporating sliding gates (similar to those installed at the adjacent Groundwater Facility with card readers)
- Removal of electrical outlets at the base of the light standards
- Removal of access road beyond the first Lot B access gate
- Removal of utility extensions not specifically required for the Lot A or B project



March 23, 2015

Page 2

- Reconfiguration of Lot B such that only the first approximate 210' of the lot is paved, the remainder will be gravel (similar to Lot A)
- Reconfiguration of Lot B entrance, site amenities, and parking layout
- Addition of a new access ramp between Lots A & Lot B
- Analysis of 4" AC versus 3" AC for paved surfaces
- Reconfiguration of site lighting
- Update to project description and exhibits in EIR update
- Revisions to permit applications that are already in process including California Department of Fish & Wildlife, US Army Corps of Engineers, California Coastal Commission, and Regional Water Quality Control Board



Price Proposal

Revision Date:
Mar 23, 2015

Boat/RV Storage Area Project

Additional Work Request No. 2

Submitted to: South Coast Water District (Attn: Andy Brunhart)

Contract Type: T&M

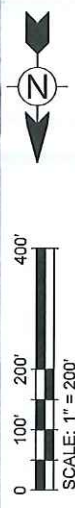
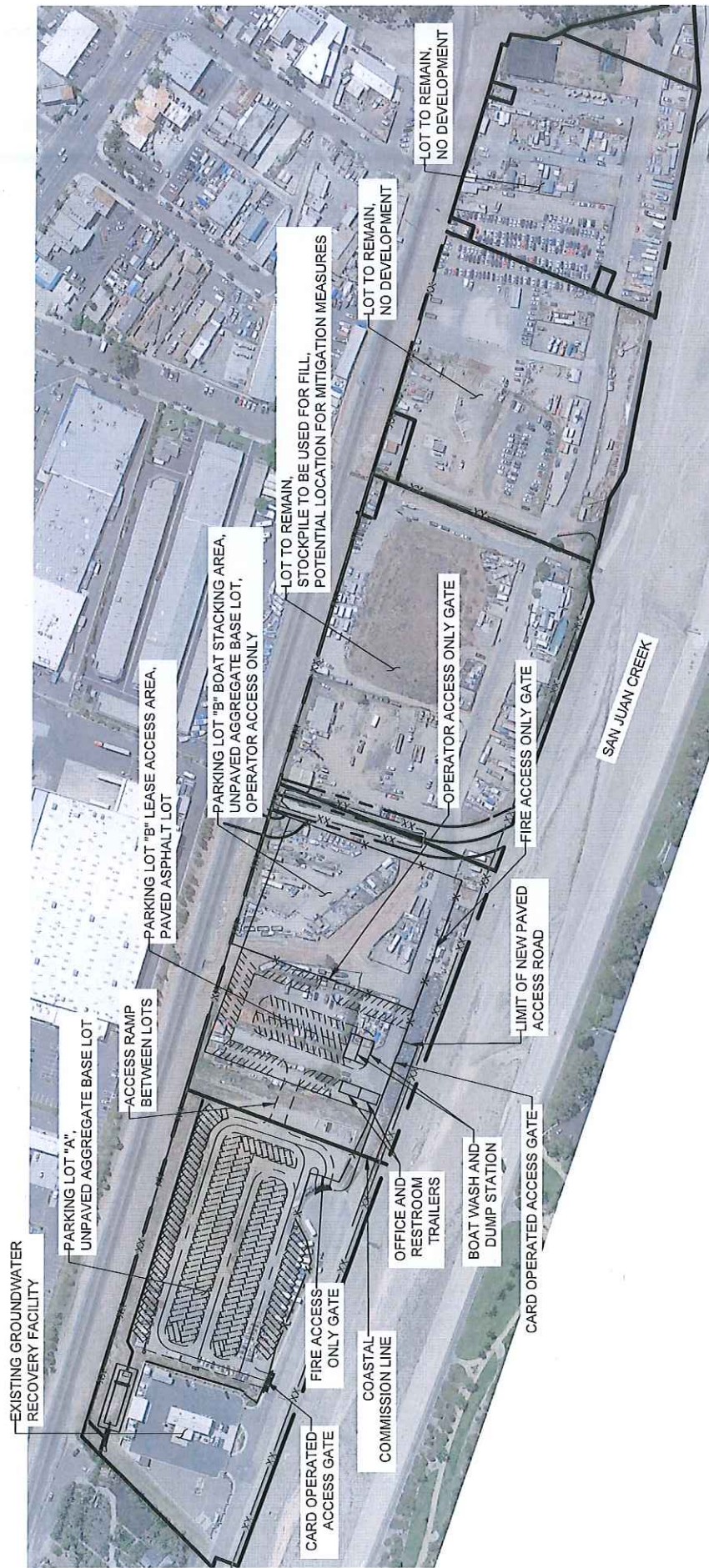
Project Phases / Tasks	Schedule				Work Days	Off Work Days	Labor Plan							Price Summary / Totals						
	From		Thru				7 Resource							Task Pricing Totals		Specify Add'l Fees on Setup	Technology Use Fee			
	Months	Months	Months	Months			325.00	207.00	135.00	115.00	100.00	76.00	135.00	Labor Rate Etc.	Labor			Subs	Travel	Mat'l's & Equip
							8	104	-	237	71	4	12	0.00%	59,107	13,640	-	-	-	71,747
Total							8	104	-	237	71	4	12	0.00%	59,107	13,640	-	-	-	71,747
Task 1 Lot A Dana Point CUP							2	54	-	125	-	-	-		26,203	-	-	-	-	26,203
Task 2 Lot B Dana Point CUP							2	24	-	60	-	-	-		12,518	-	-	-	-	12,518
Task 3 Lot A Design Changes							2	2	-	8	8	-	-		2,134	-	-	-	-	2,134
Task 4 Lot B Design Changes							4	24	-	24	63	4	12		17,252	13,640	-	-	-	30,892
Task 4.1 Plan Revisions							2	8	-	24	55	-	-		12,186	-	-	-	-	12,186
Task 4.2 Permitting Revisions							2	16	-	-	8	4	-		5,066	13,640	-	-	-	18,706

**SOUTH COAST WATER DISTRICT
CONSTRUCTION COST ESTIMATE FOR
BOAT AND RV PARKING LOT B**

	ITEM	QUANTITY	UNIT	UNIT COST	ENGINEER'S COST
1	Mobilization, Bonds, Permits, Cleanup, and Demobilization	1	LS	\$182,000	\$182,000
2	Re-Grading Existing Soil Stockpile	60,727	CY	\$15	\$910,905
3	3 in AC Pavement	4,061	TON	\$90	\$365,447
4	13-1/2 in Aggregate Base	8,936	CY	\$36	\$321,682
5	Pervious Concrete Pavement	796	CY	\$450	\$358,111
6	2" No. 8 Stone	199	CY	\$60	\$11,937
7	18" NO. 57 Stone	2,480	CY	\$78	\$193,440
8	Cold Mill Min 3" Below	234	SY	\$5	\$1,170
9	Adjust Water Valve to Grade	3	EA	\$300	\$900
10	Adjust Manhole to Grade	1	EA	\$800	\$800
11	Construct 8" Curb & Gutter	2,553	LF	\$20	\$51,060
12	Construct 8" Curb	2,060	LF	\$12	\$24,720
13	Construct 2'-6" Deep Curb	993	LF	\$15	\$14,895
14	Construct Commercial Driveway Approach per SPPWC Std. 110-2	1,410	SF	\$7	\$9,870
15	Construct V-Ditch	542	SF	\$7	\$3,791
16	Provide and Install 6" Perforated PVC	560	LF	\$25	\$14,000
17	Provide and Install 18" RCP	122	LF	\$80	\$9,760
18	Provide and Install 24" RCP	74	LF	\$130	\$9,620
19	Provide and Install 36" RCP	420	LF	\$150	\$63,000
20	Construct Concrete Collar per SPPWC Std. 380-4	3	EA	\$800	\$2,400
21	Construct Drainage Headwall	2	EA	\$2,500	\$5,000
22	Construct Manhole per SPPWC Std. 321-2	2	EA	\$2,000	\$4,000
23	Construct Junction Structure per SPPWC Std. 332-2	2	EA	\$1,000	\$2,000
24	Construct Curb Opening Catch Basin per SPPWC Std. 300-3	3	EA	\$1,500	\$4,500
25	Construct Local Depression per SPPWC Std. 313-3	3	EA	\$800	\$2,400
26	Construct Sewer Lateral Service from Site Trailer to Ex 12" Sewer Line	1	LS	\$2,000	\$2,000
27	Cleanout in Bioswale	1	EA	\$125	\$125
28	Cleanout in Pavement	2	EA	\$633	\$1,266
29	Nonwoven 180N Geotextile (swale)	417	SY	\$1	\$500
30	Rock Slope Protection Filter Fabric (swale)	36	SY	\$5	\$183
31	Rock Slope Protection (swale)	10	TON	\$164	\$1,613
32	30 Mil PVC Plastic Liner	1,033	SY	\$12	\$12,397
33	Imported Bioretention Soil Media	502	CY	\$39	\$19,590
34	Bioswale Median Area Seeding	6,724	SF	\$0	\$2,690
35	Construct Sewer Drop Inlet with 6" PVC Line to Connect to Ex 12" Sewer Line	1	LS	\$2,500	\$2,500
36	Provide and Install 6" Water Service Line, Valve, and Fire Hydrant	2	EA	\$5,000	\$10,000
37	Provide and Install 1-1/2" Water Service Line and Water Meter	1	EA	\$4,500	\$4,500
38	Provide and Install 12" Water Line and Connect to Ex Water Line	1,687	LF	\$172	\$290,164
39	Provide and Install Double Arm Parking Lot Light on Elevated Foundation	36	EA	\$6,500	\$234,000
40	Provide and Install Single Arm Parking Lot Light on Elevated Foundation	21	EA	\$4,000	\$84,000
41	Provide and Install Electrical Boxes, Conduit, and Appurtenances	4,354	LF	\$80	\$348,320
42	Provide and Paint 4" White Striping	14,300	LF	\$2	\$28,600
43	Construct PCC Pad for Trailer	771	SF	\$15	\$11,565
44	Construct Boat Wash PCC Pad	2,149	SF	\$15	\$32,235
45	Construct Boat Wash Structure	1	EA	\$15,000	\$15,000
46	Provide and Install Boat Wash Pump Station, Ceiling Boom, and Appurtenances	1	EA	\$7,000	\$7,000
47	Install 8' Chainlink Fence per SPPWC Std. 600-3	1,680	LF	\$50	\$84,000
48	Construct and Install Sliding Gate	5	EA	\$1,000	\$5,000
47	Construct and Install Entry Gate	1	LS	\$8,000	\$8,000
48	Install SWPPP, Erosion and Sediment Control	1	LS	\$49,185	\$49,185
PROJECT SUBTOTAL					\$3,821,842
CONTINGENCIES 10%					\$382,200
TOTAL					\$4,204,042

**SOUTH COAST WATER DISTRICT
CONSTRUCTION COST ESTIMATE FOR
BOAT AND RV PARKING LOT B: AWR #2 PLAN REVISIONS**

	ITEM	QUANTITY	UNIT	UNIT COST	ENGINEER'S COST
1	Mobilization, Bonds, Permits, Cleanup, and Demobilization	1	LS	\$112,000	\$112,000
2	Re-Grading Existing Soil Stockpile	35,000	CY	\$15	\$525,000
3	3 in AC Pavement	1,400	TON	\$90	\$126,000
4	13-1/2 in Aggregate Base	8,936	CY	\$36	\$321,682
5	Water Quality Basin/Bioswale	1	LS	\$80,000	\$80,000
6	Mitigated Wetland	1	LS	\$120,000	\$120,000
7	Ramp Between Lot A & B	600	CY	\$20	\$12,000
8	Cold Mill Min 3" Below	234	SY	\$5	\$1,170
9	Adjust Water Valve to Grade	3	EA	\$300	\$900
10	Adjust Manhole to Grade	1	EA	\$800	\$800
11	Construct 8" Curb & Gutter	500	LF	\$20	\$10,000
12	Construct 8" Curb	500	LF	\$12	\$6,000
13	Construct 2'-6" Deep Curb		LF	\$15	\$0
14	Construct Commercial Driveway Approach per SPPWC Std. 110-2	400	SF	\$7	\$2,800
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48	Construct and Install Sliding Gate	5	EA	\$1,000	\$5,000
47	Construct and Install Entry Gate	1	LS	\$8,000	\$8,000
48	Install SWPPP, Erosion and Sediment Control	1	LS	\$49,185	\$49,185
PROJECT SUBTOTAL					\$2,334,381
CONTINGENCIES 10%					\$233,500
TOTAL					\$2,567,881



 TETRA TECH www.tetrattech.com 17885 VON KARMAN AVE., SUITE 500 IRVINE, CA 92614 PHONE 949-508-5187 FAX 949-508-5010	SOUTH COAST WATER DISTRICT SAN JUAN CREEK PROPERTY SITE IMPROVEMENTS IMPROVEMENTS FOR BOAT & RV PARKING LOTS 'A' AND 'B'	Project No.: 135-09327-14002 Date: MAR 2015 Designed By: Supplemental
	SITE PLAN	