

REQUEST FOR BIDS

Pescadero Creek Streamflow Improvement Project:

Carpy Ranch Irrigation Component

Distributed 9/24/2018

Request for Bids
Pescadero Creek Streamflow Improvement Project: Carpy Ranch

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[Exhibit A: Project plans, specifications and relevant reports](#)

[Exhibit B: Cost Proposal Form](#)

[Exhibit C: Contract Template](#)

[Exhibit D: San Mateo RCD and Funder Insurance Requirements](#)

[Exhibit E: Labor Compliance Program](#)

[Exhibit F: Certificate of Compliance](#)

[Exhibit G: Billing Instructions for Contractors](#)

Published by the authority of:

San Mateo RCD Board of Directors
80 Stone Pine Road, Suite 100
Half Moon Bay, CA 94019
(650) 712-7765

Bid Completion Checklist

Pescadero Creek Streamflow Improvement Project: Carpy Ranch Irrigation Component

For bids to be considered complete, prospective contractors must include:

- ☐ Signed and completed copy of all sections of Exhibit B
 - ☐ Bid Schedule
 - ☐ Subcontractors
 - ☐ References

- ☐ Signed and completed copy of Exhibit E (Labor Compliance Program)

All other attached documents are included for informational purposes only and are not required to be completed at the time of submission.

Request for Bids

Pescadero Creek Streamflow Improvement Project: Carpy Ranch

1. Introduction

The San Mateo Resource Conservation District (RCD) and Trout Unlimited (TU) (project partners) are working to enhance the Carpy Ranch agricultural operation in the Pescadero Creek Watershed to improve water storage capacity and water use efficiency. This project aims to improve 1) water security and water use efficiency and 2) instream flow conditions for salmonids during low flow periods. This project will improve irrigation infrastructure at Carpy Ranch per project designs. These irrigation upgrades will allow the farmer to pump water from Pescadero Creek to the 15.4-acre foot reservoir currently under construction and distribute water from the reservoir to farming operations.

This Project is a voluntary effort by the landowner to enhance streamflows in coastal streams in San Mateo County for the benefit of coho salmon and steelhead, and to improve water security for farming operations. This irrigation efficiency effort is carried out through a partnership between TU and the RCD, with grant funding from the Department of Water Resources (DWR), the Integrated Regional Water Management Program (IRWMP).

The purpose of this request for bids is to select a contractor to implement irrigation upgrades for agricultural use on the Carpy Ranch property, associated with the recently completed reservoir.

Contracting Entity: The RCD is the contracting entity and project manager on behalf of the landowner. The RCD is a non-regulatory public benefit district to help people protect, conserve, and restore natural resources through information, education, and technical assistance programs. The RCD is a division of state government under Division 9 of the Public Resources Code.

Notice of Grant Funding: Bidders are notified that this project is a grant-funded project by the Department of Water Resources (DWR, Grant Agreement #4600011486). The DWR funds for these projects were appropriated through Proposition 84 round 4 of the Integrated Regional Water Management (IRWM) Implementation Grants. The RCD will pay the contractor once grant funds are received from the funding agency. The RCD invoices DWR on a quarterly basis.

2. Location

The project site is at Carpy Ranch, located just west of the town of Pescadero. The street address is 515 Stage Road, Pescadero, CA 94060. When you turn onto Stage Road from Pescadero Creek Road, the ranch gate is 0.5 miles up Stage Road on the left-hand side. See attached site map.

3. Plans and Work Sites

The submission of a bid shall constitute certification by the bidder that they have:

- A. Visited the project site to familiarize themselves with local conditions that in any manner affect cost, progress, or performance of the work;
- B. Familiarized themselves with all federal, state and local laws, ordinances, rules, and regulations that in any manner affect the cost, progress, or performance of the work;

- C. Thoroughly examined and understand the bid documents, exhibits, plans, specifications, and reports

4. Scope of Work

Bids shall include costs for furnishing all labor, equipment, and materials necessary to perform all work as described in Exhibit A.

Labor and equipment: Bids shall include costs for furnishing necessary labor and equipment to carry out all tasks detailed in Exhibit A.

- Subcontracts are allowable for specialized work. Subcontractors are subject to approval by the RCD and should be identified on the Cost Proposal form.
- Labor costs (including subcontractor labor costs) shall be based on current prevailing wage rates (see section entitled “Wages” below).
- Equipment costs shall include all fuel costs. Added fuel surcharges not included in the bid will not be paid.

Materials: All required materials and any associated delivery costs shall be included in the bid.

5. Project Cost and Funding

Funding for the project is through grants from the Department of Water Resources (DWR, Grant Agreement # 4600011486).

The cost estimate range for the project is \$120,000-140,000.

6. Documentation

Attached to this request for bids are copies of project and contract documents, including the following:

[Exhibit A: Project plans, specifications and relevant reports](#)

[Exhibit B: Cost Proposal Form](#)

[Exhibit C: Contract Template](#)

[Exhibit D: San Mateo RCD and Funder Insurance Requirements](#)

[Exhibit E: Labor Compliance Program](#)

[Exhibit F: Certificate of Compliance](#)

[Exhibit G: Billing Instructions for Contractors](#)

Additional project specifications and information will be provided at the mandatory bid tour. Bidders are expected to thoroughly examine and understand the contents of each of these documents, which contain pertinent and specific information regarding all aspects of project construction and administration.

7. Proposal and Work Schedule

Date of announcement	9/24/2018
RSVP Bid Tour	10/3/2018
Mandatory Bid Tour	10/5/2018 11:00a.m.- 12:00p.m. Carpy Conolly Ranch, 515 Stage Road, Pescadero, CA. See location information (2.) <i>Link for location Map:</i> Map
Questions/Inquiries Accepted	10/1/2018 – 10/15/2018
Deadline for proposal submissions	10/16/2018 by 5:00pm. Late proposal

	<p>submissions will not be considered.</p> <p>Bids may be submitted digitally or by hard copy. Hard copies should be sent to: San Mateo RCD Attn: Jarrad Fisher 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019</p> <p>Or emailed to jarrad@sanmateoRCD.org</p>
Notification of RCD Staff Award Recommendation by	10/19/2018
RCD Board Approval of Award	TBD
Anticipated Contract Date	11/1/2018
Work Commence Date with the following conditions: -All work is dependent on favorable weather conditions -Contractor shall coordinate commencement with RCD -No work shall begin until authorized by RCD	TBD
Work Completion Date	1/31/2019

8. Prevailing Wage and Labor Compliance Program

This project is considered a public work or public improvement and is therefore subject to Prevailing Wage & Labor Compliance (Exhibit E) pursuant to Part 7 of Division 2 of the California Labor Code (commencing with Section 1720.)

9. Registration Pursuant to Labor Code Section 1725.5

All contractors and subcontractors who will perform any portion of the work must be currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. Bids submitted by contractors, or including subcontractors, who are not registered will be rejected.

10. Permits

The RCD will be responsible for obtaining all necessary permits. Copies of all permits will be provided to the Contractor, and one copy of each permit must be kept at the job site at all times.

11. Inspections

All work performed on this project shall be subject to regular inspections. The Contractor shall not cover up any work prior to these inspections. It is the Contractor's responsibility to contact the Project Manager to conduct required inspections. Inspections shall occur during construction and at job completion.

12. Sensitive Areas

The project site is an environmentally sensitive area. Contractor shall take all precautions and measures necessary to protect the environmental integrity of the site, including but not limited to animals, and aquatic life.

13. Licenses

To submit a bid on this contract, a valid Contractor's License issued by the Contractor's State License Board is required.

14. Safety Plan

A written safety plan shall be submitted to RCD by the successful bidder prior to the start of construction activities.

15. Evaluation of Bids

The RCD will accept the proposal which is of the greatest advantage to the project and the RCD. RCD has the right to reject any and all proposals and add alternates. **RCD is not required to accept the low bid.**

16. Contract and Payment

A lump sum contract will be awarded to the successful bidder for all work described in Exhibit A and the Scope of Work. Submission of invoice for lump sum payment to the Contractor may be made following completion of work and final inspection, or progress invoices may be submitted for payment in accordance with the provisions described in 5(B) of the attached sample contract (Exhibit C). Payment policy and instructions for vendors are attached hereto as Exhibit G.

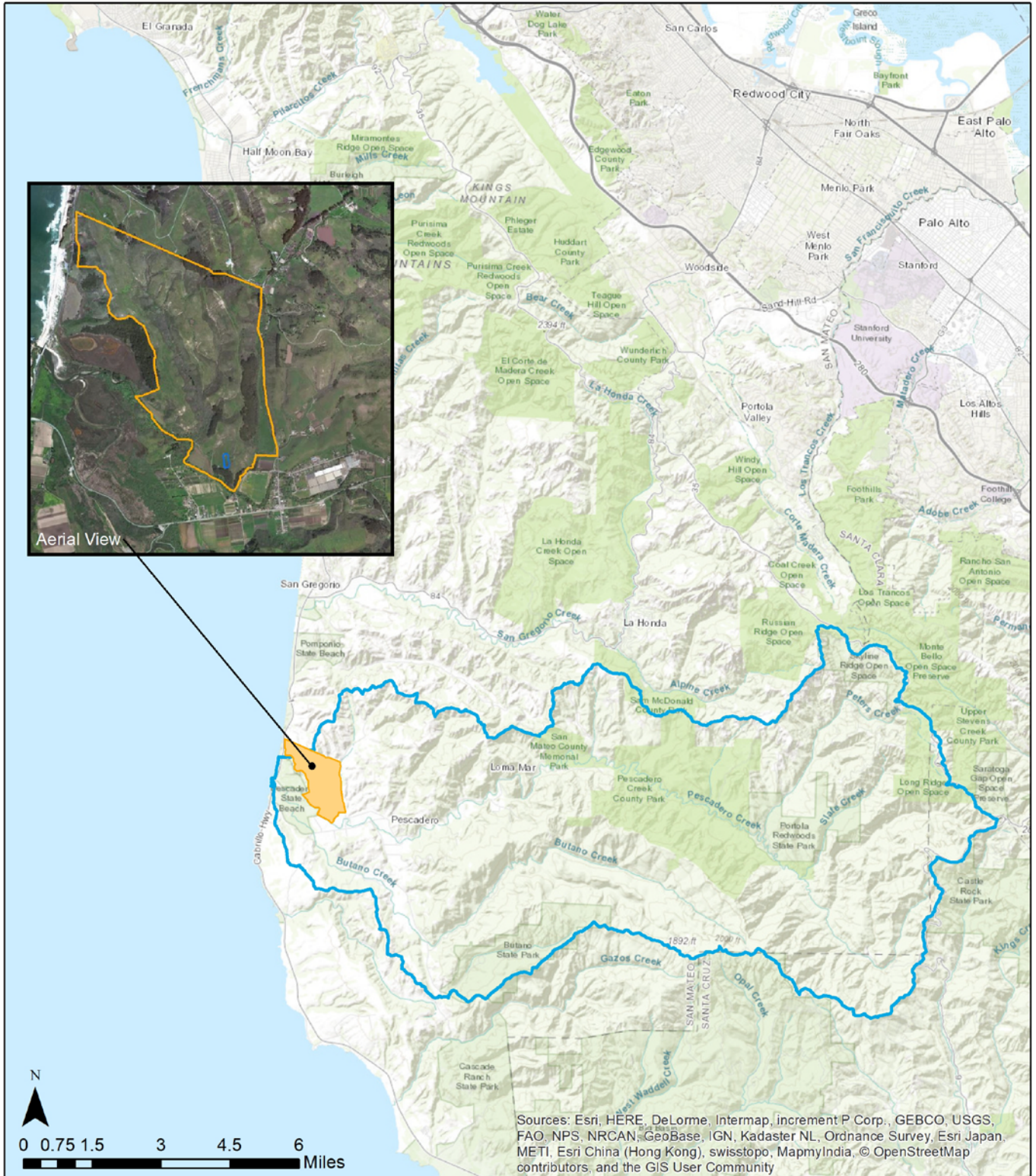
17. Bonds

The Contractor shall provide a performance bond in favor of the RCD in the amount of one hundred percent (100%) of the contract price and a payment bond in favor of the RCD in the amount of fifty percent (50%) of the contract price.

Contractor will provide signed copies of the following before commencement of the work:

- Material and Labor Bond
- Performance Bond
- Certificate of Compliance (Exhibit F)

18. Project Location Map



Project Location Map

Pescadero Creek Streamflow Improvement

Carpy Ranch

Pescadero Watershed Boundary

Bryanna Whitney 3/12/2018

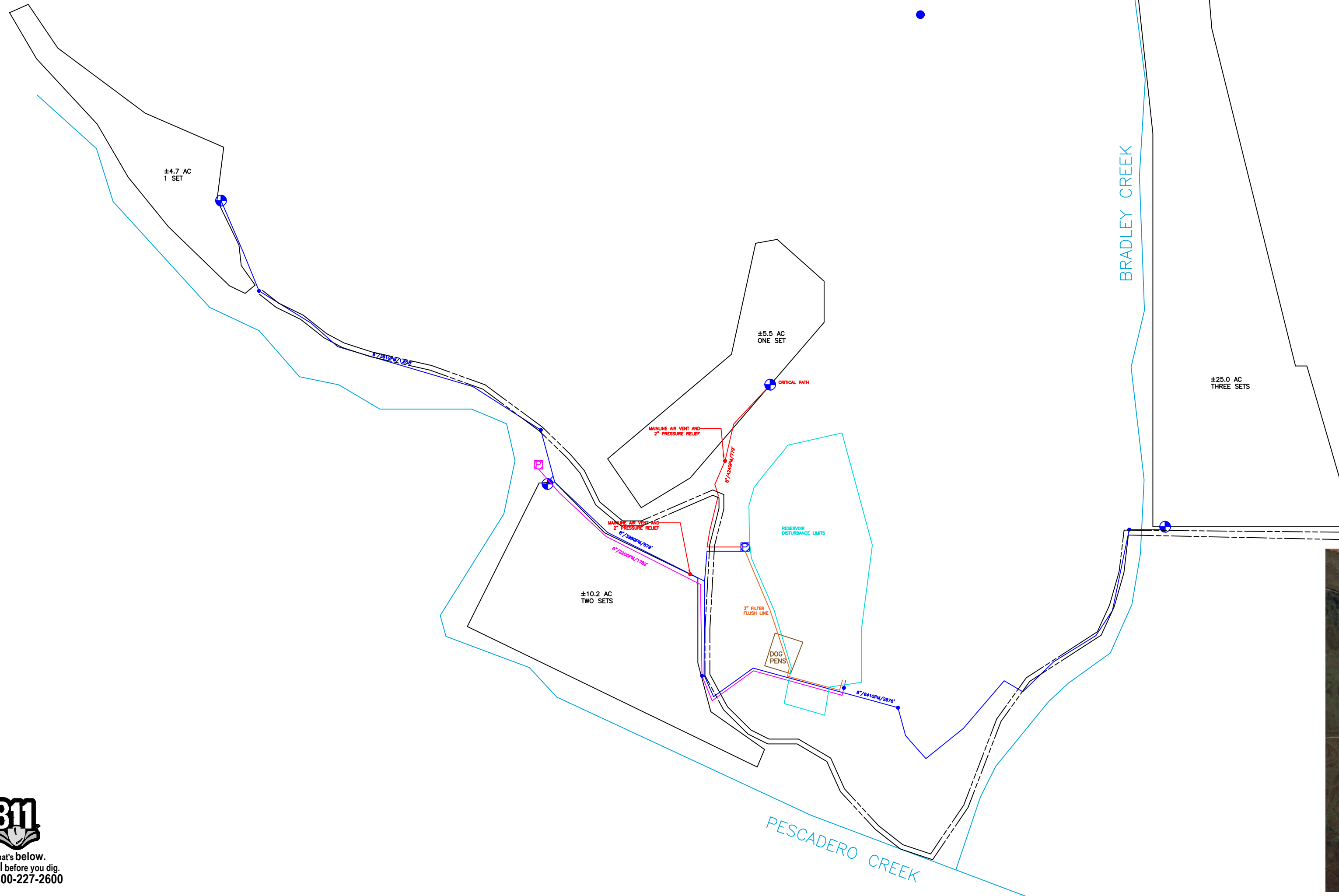
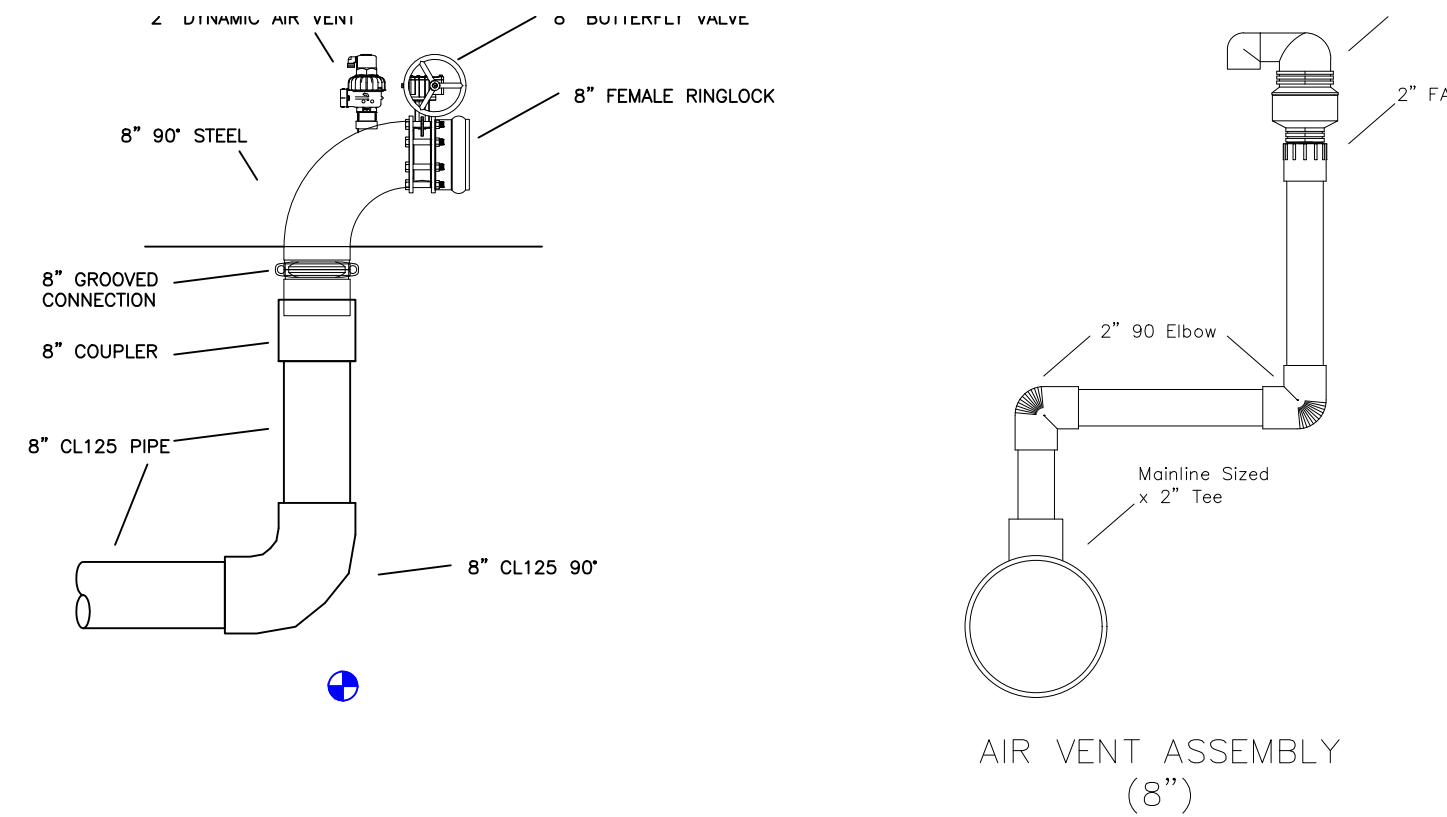


**SAN MATEO
RESOURCE
CONSERVATION
DISTRICT**

19. Project Site Map

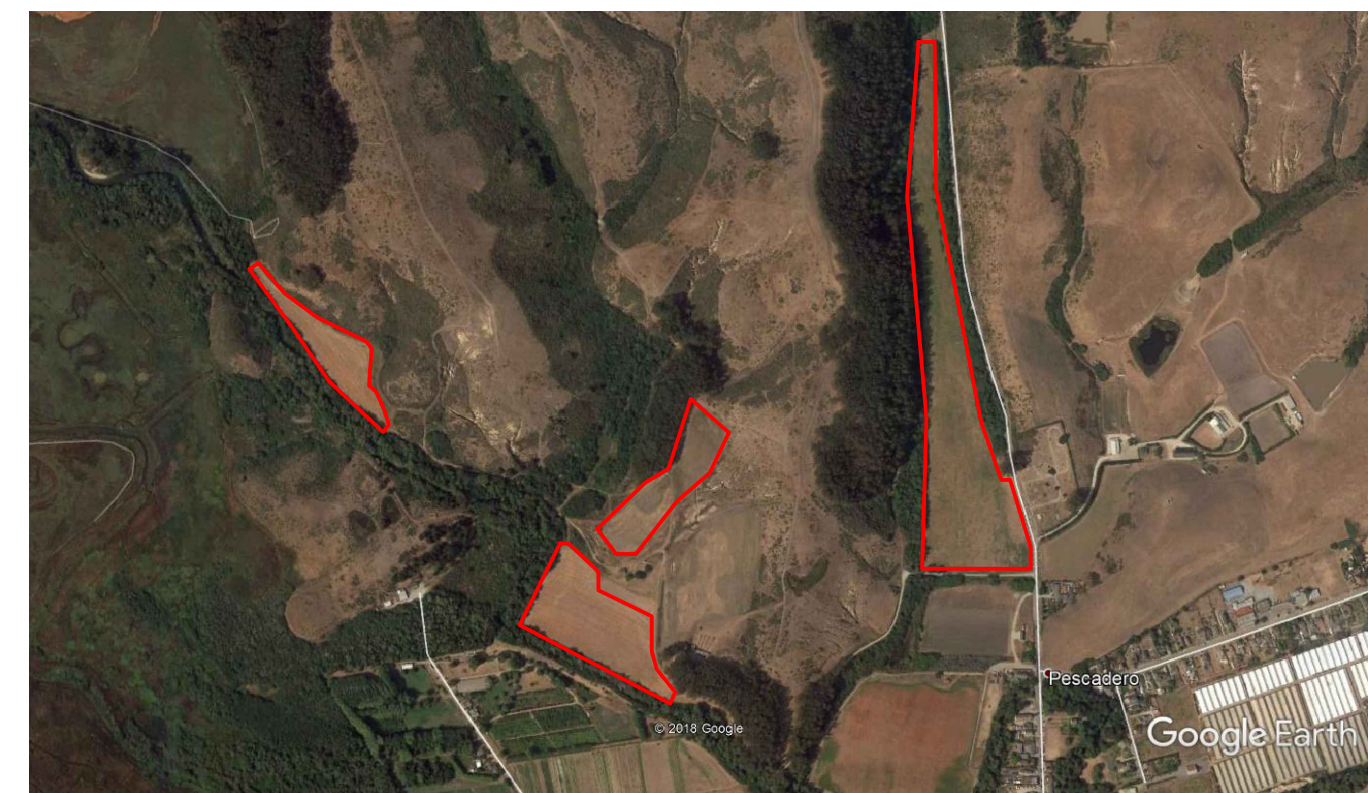


EXHIBIT A
Project Plans and Specifications
Pescadero Creek Streamflow Improvement Project: Carpy Ranch



LEGEND	
	PUMP
	CONTROL VALVE
	SUPPLY PIPELINE
	8" CL125
	8" CL160
	AIR VENT
	AIR VENT W/ PRESSURE RELIEF

VICINITY MAP



Know what's below.
Call before you dig.
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±53.0 ACRES VARIOUS CROPS, SPRINKLER PIPE ON 30' X 40' SPACING NELSON R2000WF, YELLOW NOZZLE W/ 50 PSI MRDC @ 50 PSImin = 2.13 GPM/SPR = 77.1 GPM/AC = .17 IN/HR	
PUMP REQUIREMENTS	
MINIMUM SPRINKLER PRESSURE	50.0 PSI
MRDC AND RISER LOSS	5.0 PSI
LATERAL PRESSURE LOSS	2.8 PSI
SUBMAIN PRESSURE LOSS	1.2 PSI
MAINLINE PRESSURE LOSS	3.7 PSI
ELEVATION PRESSURE CHANGE	29.9 PSI
VALVE AND FILTER LOSS	8.0 PSI
424 GPM @ 100.6 PSI (HIGH ELEV SET)	
641 GPM @ 65.3 PSI (LOW ELEV SET)	

- NOTES:
- SYSTEM IS DESIGNED TO RUN IN EIGHT SETS
 - ALL LATERALS ARE 3" SPRINKLER PIPE
 - ALL SUBMAINS ARE 8" ALUMINUM MAINLINE
 - ALL MAINLINE IS 8" CL 125 AND CL160 IPS PVC PIPE

ANY USE OF THIS ARTICLE WITHOUT THE WRITTEN CONSENT OF PACIFIC SOUTHWEST IRRIGATION IS STRICTLY PROHIBITED.

PACIFIC SOUTHWEST IRRIGATION

LICENSE NO. 835461

8372 S. JACK TONE RD.
STOCKTON, CA 95215

CARPY FARMS

PESCADERO CREEK AND STAGE RD	11 JUNE 2018	DESIGN NO. 2018W019
DESIGNED BY: WTH DRAWN BY: WTH	0" 1" BAR REPRESENTS 1" ON ORIGINAL DRAWING. USE FOR SCALING ON REDUCED PLOTS.	1" = 300' ARCH C

Pacific SouthWest Irrigation Corp.

8372 Jack Tone Rd
Stockton, CA 95215

Estimate

Date	Estimate #
8/24/2018	31131

Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project	
Description	Qty
+/- 53 ac mainline project	
Creek suction line and screen	
6" Riverscreen standard gravity	
6" x 20' Suction Hose w/clamps plain end x groove green hose	1
6" x 20' Suction Hose w/clamps groove x groove green hose	3
6" Grooved Coupler (Clamp)	4
Creek screen and suction procurement and installation (lump sum)	1
Creek pump skid	
6" Butt Weld 45° Elbow	1
6" Steel Grooved x Plain End Adapter	3
6" Grooved Coupler (Clamp)	1
6" 3/16 wall IPS steel pipe	5
6" x 4" Butt Weld Eccentric Reducer	1
4" IPS ½" Steel Flange	1
4" Full Face Gasket	1
Cornell 2.5 YH 7.5 HP 9.19" Trim, 1800rpm three phase	1
6 x 20 Channel	80
7/16" x 2" Grade 8 bolt	4
7/16" Grade 8 nut	4
7/16" flat washer	8
2 1/2" Full Face Flange Gasket	1
2½" IPS ½" Steel Flange	1
4" x 2½" Butt Weld Concentric Reducer	1
4" Butt Weld 90° Elbow	3
2" Steel Threaded Half Nipple	2
2" (Brass) Gate Valve Threaded Full Port	2
2" x 3" Galvanized Nipple	2

Customer Signature

Pacific SouthWest Irrigation Corp.

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Estimate

Date	Estimate #
8/24/2018	31131

Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project

Description	Qty
9 Hand Primer Pumper	1
2" Steel Threaded Half Coupler	1
2" Continuous Combination Air Release Valve	1
4" IPS ½" Steel Flange	6
4" Galvanized Flanged Check Valve	1
4" Full Face Gasket	4
4" SEAMETRICS FLANGED FLOWMETER W/INTEGRAL DISPLAY AND DATA LOGGER	1
5/8" Ground Rod Clamps Type JAB - Wire Range 8 Sol - 1/0 Str	1
#8 AWG, Solid Conductor, Bare Copper Armored Ground Cable - 250 Ft	1
5/8" x 8' Copper Ground Rod	1
4" Bray Gear Operated Valve	1
4" Steel Grooved x Plain End Adapter	5
¼" Steel Threaded Half Coupler	1
1" Steel Threaded Half Coupler	1
1" x ½" PVC Reducer Bushing Mipt x Fipt Schedule 40	1
Creek pump skid procurement, assembly and installation (lump sum)	1
6" Supply line from Creek to reservoir	
4" groove PVC nipple	1
4" PVC Coupling Schedule 40	1
4" Grooved Coupler (Clamp)	1
6" x 4" PVC Reducer Bushing Spigot x Socket Schedule 40	1
6" PVC 90° Elbow Schedule 40	12
6" CL100 SW Pipe	1,900
6" PVC 45° Elbow Schedule 40	12
6" x 6" x 2" PVC Reducing Tee Schedule 40	2
2" PVC 90° Elbow Schedule 40	4
2" Sch40 SW Pipe	40

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Name / Address
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Project

Description	Qty
2" PVC Female Adapter Socket x Fipt Schedule 40	2
2" Continuous Combination Air Release Valve	2
6" PVC Flange Van Stone Style with Glass PVC Ring Schedule 80	2
6" Bray Gear Operated Valve	1
3/4" x 6 1/2" Bolt	8
3/4" Washer	16
3/4" Nut	8
717 PVC Gray Glue - Gallon #10142	4
P-70 Purple Primer - Gallon #10221	2
MT-648 Empty Metal Can - Gallon #10010	1
4020 4" Swab #10009	2
18" Handsaw	1
80# Quikrete Concrete Mix	15
3/4" x 520 ft - Teflon Tape	1
Procurement and installation of supply line (per foot)	1,900
Reservoir Pump Suction line	
8" Foot Valve High Volume Basket Combination Galvanized with 1/4" Perforation	1
8" Full Face Flange Gasket	1
3/4" x 2" Bolt	8
3/4" Nut	8
8" x 20 Suction Hose w/clamps flg x grv green hose	1
8" x 20 Suction Hose w/clamps grv x grv green hose	2
8" Grooved Coupler (Clamp)	3

Customer Signature

Pacific SouthWest Irrigation Corp.

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Stockton, CA 95215

Estimate

Date	Estimate #
8/24/2018	31131

Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project

Description	Qty
Procurement and installation of reservoir suction line	1
Pump and Filter station	
8" Steel Grooved x Plain End Adapter	3
8" Grooved Coupler (Clamp)	2
8" Butt Weld 45° Elbow	1
8" 3/16 Wall IPS Steel pipe	5
8" x 6" Butt Weld Eccentric Reducer	1
6" Full Face Gasket	1
6" IPS 1/2" Steel Flange	1
3/4" x 2 1/2" Bolt	8
3/4" Nut	8
Cornell 4HH 14.75" trim, SAE 3, 11.5" coupling	1
3/8" x 1 1/2" bolts	24
PSI 4.3L LPG Power Unit. Unit Includes: Certified Power unit on skid, SAE Housing, Radiator, Hood Package, L129, L150, Loss of Prime Gauge. Set up for Liquid Propane	1
4" Full Face Gasket	1
5/8" x 3" Bolt	8
5/8" Nut	8
4" Cl D flange	5
6" x 4" Butt Weld Concentric Reducer	5
6" Butt Weld 90° Elbow	8
6" Cl D flange	8
2" Steel Threaded Half Nipple	3
2" Guardian Air Vent	2
2" (Brass) Gate Valve Threaded Full Port	1
2" Galvanized Close Nipple	1
9 Hand Primer Pumper	1
6" 3/16 wall IPS steel pipe	20
3" Steel Threaded Half Nipple	1

Customer Signature

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Name / Address
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Project

Description	Qty
3" Threaded Angle Pressure Relief Valve	1
6" Bray Gear Operated Valve	2
Amiad Filtomat M106XLP 300 micron with Screen & 12V DC Electronic Control Parts	1
Duracell D battery	4
3" x 1½" PVC Reducer Bushing Spigot x Fipt Schedule 40	1
3" PVC Union Socket w/O-ring Seal Schedule 40	1
3" PVC 90° Elbow Schedule 40	12
3" PVC 45° Elbow Schedule 40	8
3" Sch40 SW Pipe	20
3" CL100 SW Pipe	800
6" Galvanized Flanged Check Valve	1
6" SEAMETRICS FLANGED FLOWMETER W/INTEGRAL DISPLAY AND DATA LOGGER	1
5/8" x 8' Copper Ground Rod	1
5/8" Ground Rod Clamps Type JAB - Wire Range 8 Sol - 1/0 Str	1
#8 AWG, Solid Conductor, Bare Copper Armored Ground Cable - 250 Ft	10
1" Steel Threaded Half Nipple	3
1" BJ STD Port Ball Valve	3
¼" Steel Threaded Half Coupler	5
2-1/2" Liquid Filled Pressure Gauge 0-200 psi	5
Nelson 4" PR valve (PN: A4BB5C2D08E0H2)	2
6" Steel Grooved x Plain End Adapter	2
2" Steel Threaded Half Nipple	1
2" Galvanized Cap	1
¾" x 5½" Bolt	16
¾" x 2½" Bolt	16
¾" x 3" Bolt	16
¾" Nut	48
Pipe stand	3
Rust-Oleum - Gloss Hunter Green Gallon	1
3" Wood paint brush	3

Customer Signature

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Name / Address
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Project

Description	Qty
Procurement and installation of motor, pump, and filter station (lump sum)	1
8' x 20' concrete pad w/ #4 rebar on 12" centers, 6" thick (SF)	160
6" Mainline to north field	
6" groove PVC nipple	1
6" PVC Coupling Schedule 40	1
6" PVC 90° Elbow Schedule 40	10
6" CL160 SW Pipe	860
6" PVC 45° Elbow Schedule 40	10
6" x 6" x 2" PVC Reducing Tee Schedule 40	1
2" Sch40 SW Pipe	20
2" PVC 90° Elbow Schedule 40	2
2" PVC Tee Schedule 40	1
2" PVC 90° Street Elbow Mipt x Socket Schedule 40	1
2" Guardian Air Vent	1
2" Quick Reacting Pressure Relief Valve	1
2" x 3" PVC TOE Nipple Schedule 80	1
6" PVC Coupling Schedule 40	1
6" Steel Grooved x Plain End Adapter	1
6" Butt Weld 90° Elbow	1
2" Steel Threaded Half Coupler	1
2" MPT DYNAMIC AIR RELEASE AIR VENT	1
1/4" Steel Threaded Half Coupler	1
2 1/2" Liquid filled pressure gauge ..0-100 P.S.I.	1
6" IPS 1/2" Steel Flange	1
6" Bray Gear Operated Valve	1
6" OD 1/2" Steel Flange	1

Customer Signature

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Estimate

Date	Estimate #
8/24/2018	31131

Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project	
Description	Qty
6" Female Ring Lock - Weld On - Black	1
3/4" x 4 1/2" Bolt	8
3/4" Nut	8
80# Quikrete Concrete Mix	15
717 PVC Gray Glue - Gallon #10142	2
P-70 Purple Primer - Gallon #10221	1
MT-648 Empty Metal Can - Gallon #10010	1
18" Handsaw	1
4020 4" Swab #10009	2
Procurement and installation of 6" mainline (LF)	1
8" mainline (lower elevation fields)	
6" groove PVC nipple	1
6" Grooved Coupler (Clamp)	1
8" x 6" IPS PVC Reducer Coupling Class #125	1
8" CL 125 GB Pipe	5,170
8" IPS PVC 90° Elbow Class #125	15
8" IPS PVC Tee Class #125	2
8" IPS PVC 45° Elbow Class #125	8
8" IPS PVC 22.5° Elbow Class #125	6
8" IPS PVC 30° Elbow Class #125	8
8" x 2" IPS PVC Reducing Tee Class #125	6
2" Sch40 SW Pipe	120
2" PVC Female Adapter Socket x Fipt Schedule 40	6
2" MPT DYNAMIC AIR RELEASE AIR VENT	6
2" PVC Tee Schedule 40	1
2" Quick Reacting Pressure Relief Valve	1
2" x 3" PVC TOE Nipple Schedule 80	1
1/2" PVC 90° Street Elbow Mipt x Socket Schedule 40	1

Customer Signature

Pacific SouthWest Irrigation Corp.

8372 Jack Tone Rd
Stockton, CA 95215

Estimate

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8/24/2018	31131

Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project

Description	Qty
8" IPS PVC Coupler Class #125	3
8" groove PVC nipple	3
8" Grooved Coupler (Clamp)	3
8" Steel Grooved x Plain End Adapter	3
8" Butt Weld 90° Elbow	3
2" Steel Threaded Half Coupler	3
2" MPT DYNAMIC AIR RELEASE AIR VENT	3
1/4" Steel Threaded Half Coupler	3
2 1/2" Liquid filled pressure gauge ..0-100 P.S.I.	3
8" IPS 1/2" Steel Flange	3
8" Bray Gear Operated Valve	3
8" OD 1/2" Steel Flange	3
8" Female Ring Lock - Weld On - Black	3
3/4" x 5" Bolt	24
3/4" Nut	24
717 PVC Gray Glue - Gallon #10142	2
P-70 Purple Primer - Gallon #10221	1
MT-648 Empty Metal Can - Gallon #10010	1
4020 4" Swab #10009	3
EZ Flush Pipe Lubricant - Gallon #87719	3
80# Quikrete Concrete Mix	20
Procurement and installation of materials for 8" mainline, 3 aboveground outlets (LF)	5,100
8" steel bridge crossing	
8" IPS PVC 90° Elbow Class #125	2
8" CL 125 GB Pipe	22
8" IPS PVC Coupler Class #125	2

Customer Signature

Pacific SouthWest Irrigation Corp.

8372 Jack Tone Rd
Stockton, CA 95215

Estimate

Date	Estimate #
8/24/2018	31131

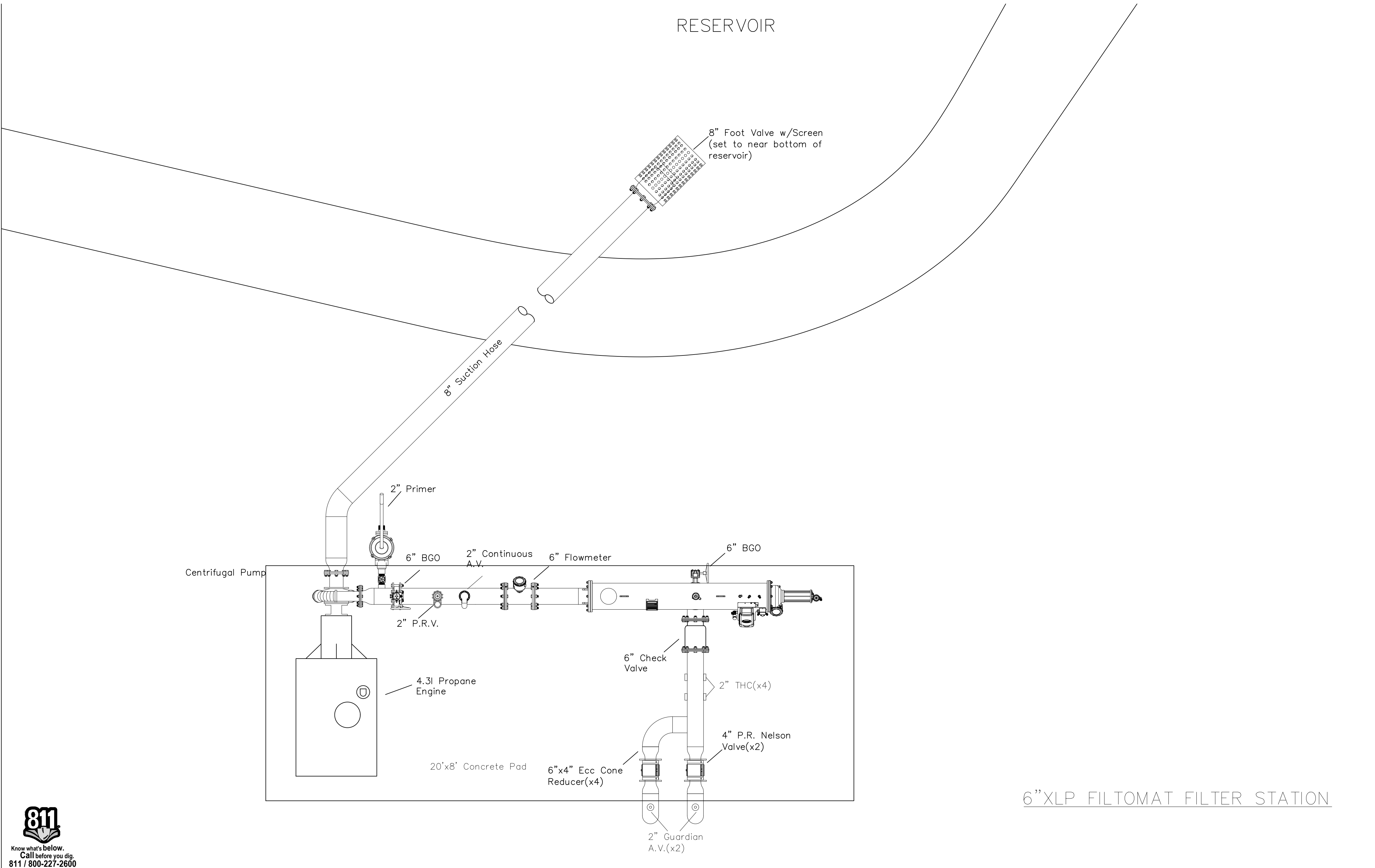
Name / Address
San Mateo County RCD Kellyx Nelson, Executive Director 625 Miramontes Street, Suite 103 Half Moon Bay, CA 94019

Project

Description	Qty
8" groove PVC nipple	2
8" Grooved Coupler (Clamp)	8
8" Steel Grooved x Plain End Adapter	6
2" Steel Threaded Half Coupler	2
2" MPT DYNAMIC AIR RELEASE AIR VENT	2
2" Steel Threaded Half Nipple	2
2" Brass Ball Valve Threaded Full Port	1
2" Quick Reacting Pressure Relief Valve	1
8" 1/4" IPS Steel Pipe	60
4 x 20 Channel	20
80# Quikrete Concrete Mix	10
Rust-Oleum - Gloss Hunter Green Gallon	2
3" Wood paint brush	4
8" steel bridge crossing labor (LS)	1

--

Customer Signature



NOTES:
• DIMENSIONS ARE NOT PRECISE, MAY REQUIRE CHANGES DUE TO SITE LAYOUT

ANY USE OF THIS ARTICLE WITHOUT THE WRITTEN CONSENT OF PACIFIC SOUTHWEST IRRIGATION IS STRICTLY PROHIBITED.

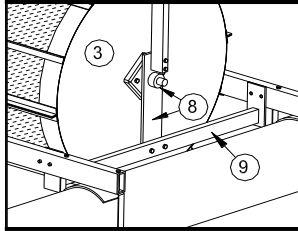
PACIFIC SOUTHWEST IRRIGATION

LICENSE NO. 835461
8372 S. JACK TONE RD.
STOCKTON, CA 95215

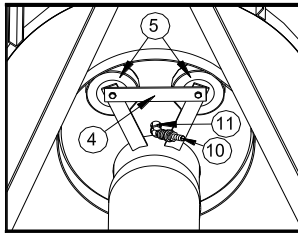
CARPY FARMS

FILTER STATION	24 AUG 2018	DESIGN NO. 2018W019 FILTER
DESIGNED BY: WTH DRAWN BY: WTH	0" 1" BAR REPRESENTS 1" ON ORIGINAL DRAWING. USE FOR SCALING ON REDUCED PLOTS.	1" = 2' ARCH C

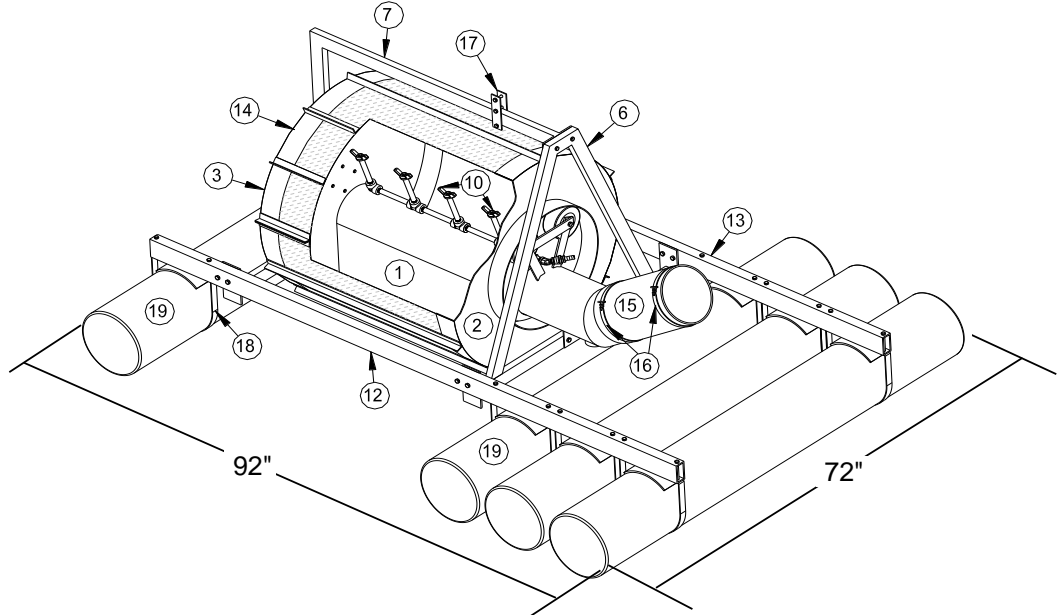
6 INCH RIVERSCREEN



END VIEW



WHEEL ASSEMBLY VIEW



Parts List

Item	Part No.	Qty.	Description
1	R - SF0600	1	6" Suction Funnel
2	R - DPB0600	1	Drum Plate B
3	R - DPA0600	1	Drum Plate A
4	R - WB0608	1	6" Wheel Bracket
5	WA500	2	Wheel Assembly
6	R - AF0600	1	A Frame
7	R - LF0600	1	L Frame
8	R - DSP0612	1	Drum Support Plate
9	R - DSR0600	1	Drum Support Rail
10	R - CSB0600	1	Cleaning Spray Bar
11	R - SBA0612	1	Spray Bar Attachment
12	R - LR0600	1	Left Side Rail
13	R - RR0600	1	Right Side Rail
14	R - SA0600	2	Screen Assembly
15	SH006	1	6" X 20" Suction Hose
16	TBC006	2	6" T Bolt Clamps
17	R - HP001	1	Hanger Plate
18	R - PS0612	8	Pontoon Strap
19	R - P06	4	6 ft. Pontoon
<u>Additional Set-up Items (Not Shown in Picture)</u>			
	EPDM58	1	5/8" Hose
	R - FA0612	1	Filter Assembly
	CC6252	1	Anchor
	AR1550	1	Cable
	R - BP0612	1	Bolt Package

Specifications

Weights

Basic Unit: 185 lbs
Optional Equipment
 Power Drive: 2 lbs
 Foot Valve w/ Pressure Relief: 10 lbs

Maximum GPM Ratings & Velocities

800 GPM @ 9.87 ft per second
 650 GPM @ 8.02 ft per second
 500 GPM @ 6.17 ft per second
 350 GPM @ 4.32 ft per second

Screen area at maximum depth (7 inches)
 6.03 Square feet

GM 4.3L

6 cyl. | 262 cu. in. | V-6 | 12 volt

POWERED by
INDUSTRIAL ENGINES

GM

Standard Features

- » Designed to work with liquid propane gas and natural gas.
- » Roller valve lifters for reduced friction and improved fuel economy.
- » Nodular iron crankshaft has undercut and rolled fillets for durability.
- » Counter-rotating balance shaft for smooth performance and low noise.
- » Engine comes completely component painted.
- » Composite rocker arm cover and front cover for noise reduction.
- » World-class engine sealing system for superior leak protection.
- » High Voltage Switch (HVS) distributor and non-adjustable, variable spark coil are standard.
- » Cast aluminum oil pan for increased strength and noise reduction.
- » Common rear face on most GM Powertrain industrial engines for easy hookup with housing.



Specifications

- » Type: 90° 4.3L V6
- » Displacement: 262 cid (4294.18 cc)
- » Compression Ratio: 9.4:1
- » Valve Configuration: Pushrod Actuated Overhead Valves
- » Manufactured: Tonawanda, New York
- » Valve Lifters: Hydraulic Roller
- » Bore X Stroke: 4.00" X 3.48" (101.60 mm X 88.39 mm)
- » Main Bearing Caps: 2-Bolt
- » Balance Method: External
- » Intake Manifold: 2-BBL, IAFM
- » Rear Oil Seal: Full Circle
- » Fuel Delivery: Electronic Mixer
- » Oil Pan Capacity: 4.5 qt with filter
- » Fuel Types: LPG or NG
- » Engine Rotation: Clockwise (from the front)
- » Paint Protection: Completely component painted
- » Horsepower: 105hp @ 3000 rpm (LPG/NG)
- » Torque: 197 lb-ft @ 2500 rpm (LPG/NG)
- » Shipping Weight: 434 lb (197 kg)

Materials

- » Block: Cast Iron
- » Cylinder Head: Cast Iron
- » Intake Manifold: Cast Iron
- » Crankshaft: Nodular Iron
- » Camshaft: Steel
- » Pistons: High Silicon Aluminum
- » Exhaust Seat: Induction Hardened

HUSKER
POWER
PRODUCTS

ENGINES • PUMPS • GENERATORS

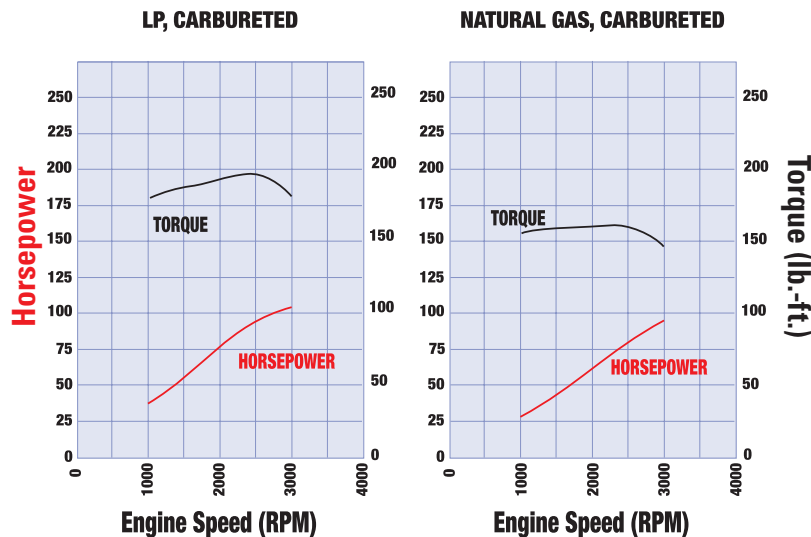
GM 4.3L

6 cyl. | 262 cu. in. | V-6 | 12 volt

HUSKER POWER
PRODUCTS

ENGINES • PUMPS • GENERATORS

Performance Curves



RATIO RPM	1:1 1760	11:10 1936	6:5 2112	5:4 2200
HP/NG	53	59	64	68
HP/LPG	60	66	72	76

Recommended application at 2500', 100 degree temp. with fan and radiator.
Derate 1% per 10 degrees above 100, 3.5% per 1000' over 2500'.

Power corrected to SAE J1995. Actual power levels may vary due to fuel system calibration, and design of induction and exhaust system.

***B.S.F.C. in pounds per brakehorsepower - hour**

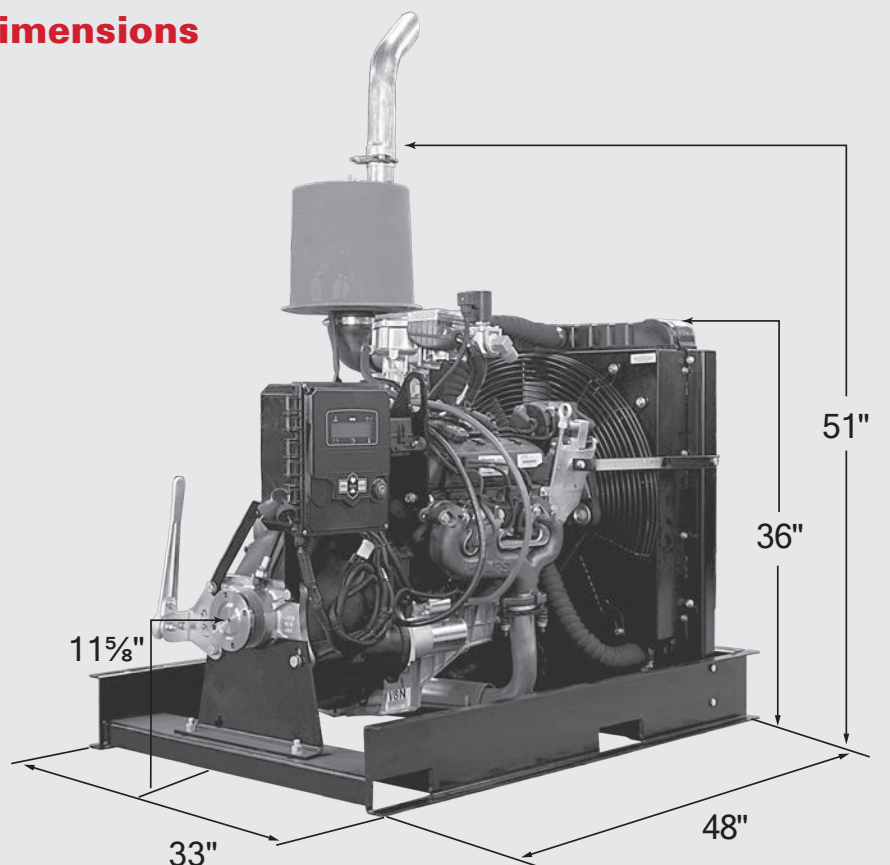
Options

- » Fuel options: LPG or NG
- » Fuel and Emission Control System that Meets EPA/ CARB Stationary Emergency & Non-Emergency Emission Regulations for LSI Engines
- » SAE flywheel housings and flywheels
- » Auxiliary drive pulleys available
- » Cooling fans
- » Radiators
- » Dry type industrial air cleaners (safety element air cleaners available)
- » Sintered powered metal exhaust valve seat

Fuel System Features

- » Closed Loop Fuel System
- » LPG Carb Dual Fuel
- » LPG: Integrated Electronic Pressure Regulator (IEPR) Mixer, Electronic Throttle Body, Fuel Lock
- » LPG W/Governor
- » Three Way Catalyst

Dimensions



*Generators, Drive Shafts and Pumps also available.

POWERED by **GM**
INDUSTRIAL ENGINES



2955 West Hwy 6
Hastings, NE 68901
(402) 463-1531

Sales Quote

Date
Quote #

Prepared by:

Delivery Via:

Terms: URT

Downpayment:

Qty	Item Number	Description	Unit Price	Amount
1	4.3X	PSI 4.3L LPG Power Unit. Unit Includes: Certified Power unit on skid, SAE Housing, Radiator, Hood Package, L129, Loss of Prime Gauge		
Freight:			TBD	
			TOTAL	\$0.00

Prices are F.O.B. Hastings, Nebraska
Quote Valid for 30 Days

THANK YOU FOR YOUR BUSINESS!

EXHIBIT B
Cost Proposal

Pescadero Creek Streamflow Improvement Project: Carpy Ranch

To: Board of Directors, San Mateo Resource Conservation District

We, the undersigned, having familiarized ourselves with all project plans and local conditions affecting the cost of work to be done, along with the cost proposal and contract documents, hereby propose to provide and furnish all labor, materials, utilities, transportation, and equipment of all types and kinds and to complete the project as specified and described in Exhibit A.

We, the undersigned, agree to perform all of the above work to its completion and to the satisfaction of the RCD for the rates and prices for said work as indicated below.

We, the undersigned, understand that the contract is a lump sum contract. The Contractor cannot be paid over the sum not to exceed without a change order from the RCD. The RCD will not be responsible for any loss of anticipated profits due to reductions in the size of the contract.

1. BID SCHEDULE

Item #	Description	Unit	Est. #	Amount
1	Mobilization & demobilization	LS	1	
2a	Creek Suction and screen materials	LS	1	
2b	Creek Suction and screen labor	LS	1	
3a	Creek pump materials	LS	1	
3b	Creek pump labor			
4a	6" Supply line creek to reservoir materials	LF	1900	
4b	6" Supply line creek to reservoir labor	LF	1900	
5a	Reservoir filter suction materials	LS	1	
5b	Reservoir filter suction labor	LS	1	
6a	Reservoir pump and filter materials	LS	1	
6b	Reservoir pump and filter labor	LS	1	
7a	6" CL160 mainline materials	LF	800	
7b	6" CL160 mainline labor	LF	800	
8a	8" CL125 mainline materials	LF	5100	
8b	8" CL125 mainline labor	LF	5100	
8c	8" steel bridge crossing materials	LS	1	
8d	8" steel bridge crossing labor	LS	1	

9	Administration fees	LS	1	
	Total bid			

Total Bid (in numbers):

Total Bid (in words):

2. CERTIFICATION

I hereby certify that:

- A. All of the statements herein made by me are made on behalf of [company name],
[Director/CEO name]
- B. I have thoroughly examined the plans and specifications, contract documents and all other items bound herein;
- C. I have carefully prepared this Cost Proposal form and have checked the same in detail before submitting this bid;
- D. I have full authority to make such statements and to submit this bid on the Company's behalf; and
- E. The statements herein are true and correct.

Signature _____ Date _____

By _____

Title _____

Calif. Contractor's License #: _____ Classification: _____

Name of Qualifier for License: _____

Federal Tax Identification #: _____

Company Address: _____

Phone: _____ Email: _____

Project Representative: _____

Representative's Phone: _____ Email: _____

3. **SUBCONTRACTORS**

List subcontractors you are planning to use on this project, if any. Provide company name and California contractor license number and classification.

Name of Subcontractor: _____

License #: _____ Classification: _____

Name of Subcontractor: _____

License #: _____ Classification: _____

Name of Subcontractor: _____

License #: _____ Classification: _____

Name of Subcontractor: _____

License #: _____ Classification: _____

Name of Subcontractor: _____

License #: _____ Classification: _____

4. REFERENCES

List projects and contact information for use as reference, or attach reference documentation

PROJECT NAME _____

Brief description of project:

Date(s) constructed:

Reference (name & phone) _____

PROJECT NAME _____

Brief description of project:

Date(s) constructed:

Reference (name & phone) _____

PROJECT NAME _____

Brief description of project:

EXHIBIT C

SAN MATEO RESOURCE CONSERVATION DISTRICT PROFESSIONAL SERVICES AGREEMENT WITH **NAME OF CONTRACTOR**

THIS AGREEMENT ("Agreement"), made and entered into this ____ day of _____, 2018 is by and between the **SAN COUNTY RESOURCE CONSERVATION DISTRICT**, a subdivision of the State of California, hereinafter referred to as "RCD," and **CONTRACTOR NAME**, hereinafter referred to as "CONTRACTOR."

WITNESSETH:

WHEREAS, RCD entered into Agreement No. 4600011486 with the California Department of Water Resources for the Coastal San Mateo County Drought Relief Phase II; and

WHEREAS, Carpy Ranch Pond project is a component of the program; and

WHEREAS, RCD desires to use the professional services of CONTRACTOR; and

WHEREAS, CONTRACTOR has the professional and administrative ability to implement such services; and

WHEREAS, the CONTRACTOR submitted bids for the project on [DATE]; and

WHEREAS, the CONTRACTOR's bid, Statement of Qualifications, Pescadero Streamflow Improvement Project: Carpy Ranch, was approved by the RCD Board of Directors on [DATE]; and

WHEREAS, RCD and CONTRACTOR desire to set forth in writing the obligations and responsibilities of each party relating to the services;

NOW, THEREFORE, in consideration of the promises and mutual benefits which will accrue to the parties hereto in carrying out the terms of this Agreement, the parties agree as follows:

1. Scope of Services

- a. CONTRACTOR will, in accordance with the terms of this Agreement, perform the services set forth in ***Request for Bids: Pescadero Creek Streamflow Enhancement Project: Carpy Ranch [DATE]*** hereinafter referred to as "PROJECT", which is incorporated herein by reference, and CONTRACTOR's *Bid from [CONTRACTOR] Construction for Carpy Ranch Irrigation Improvements, Exhibit A*, attached hereto and incorporated herein.
- b. This Agreement is limited both in scope and duration, as herein specified.

2. Term of Agreement. The term of this Agreement shall commence on _____ and terminate on _____, but shall not become effective until executed by the parties.

3. Performance Responsibilities. Contractor shall complete the herein described services by no later than _____ unless a later date is agreed upon by the parties in writing. Time is and shall be of the essence in the performance of the specified services by CONTRACTOR.

- 4. Compensation.**
 - a. RCD agrees to pay CONTRACTOR an amount not to exceed amount as text, (\$xxxxx.xx) for the successful and timely completion of the specified services.
 - b. In the event that the funding on which the above described contract services relies is materially reduced or made unavailable, despite the parties understandings and expectations that no such disruptions will occur, this Agreement will terminate immediately upon notice of such funding disruption by RCD to CONTRACTOR.
- 5. Billing and Payment Procedure.** CONTRACTOR will submit requests for payment along with documentation acceptable to the RCD no more frequently than monthly and no less frequently than quarterly. RCD will issue payment to CONTRACTOR within 30 days of payment to the RCD by the project funder.
- 6. Cooperation.** RCD and CONTRACTOR agree to cooperate in any way and every way or manner on the PROJECT. RCD will immediately transmit to CONTRACTOR any new information which becomes available or any change in plans. CONTRACTOR will likewise bring any new information, issues or concerns to the RCD's attention as soon as practicable.
- 7. Assignment.** Without the written consent of RCD, this Agreement is not assignable by CONTRACTOR in whole or in part.
- 8. Conflict of Interest.** The CONTRACTOR shall comply with all applicable State laws and rules pertaining to conflicts of interest, including but not limited to, Government Code Section 1090 and Public Contract Code 10410 and 10411.
- 9. Applicable Laws.** All work performed on behalf of the RCD, as set forth in this Agreement shall be performed in accordance with all applicable state and federal laws, regulations, policies, procedures, and standards.
- 10. Standard Conditions.** All work performed on behalf of the RCD, as set forth in this Agreement, shall be performed in accordance with the Standard Conditions (Exhibit C) of the funding agency.
- 11. Wages.** All work implemented by the RCD, a public agency, is considered a public work or public improvement project. As public projects, they are subject to prevailing wage and other requirements included in California Labor Code §1720 -1861. Contractors, and any subcontractor under them, shall pay not less than the specified prevailing rates of wages to all workers employed in the execution of the Contract. Prevailing wage determinations can be found at Department of Industrial Relations website.
- 12. No Benefit To Arise For Local Employees.** Except as provided by State law, no member, officer, or employee of RCD or its designees or agents, and no public official who exercises authority over or has responsibilities with respect to the Project during their tenure or for one (1) year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement or the proceeds thereof, for work to be performed in connection with the services performed under this Agreement.
- 13. Independent Contractor Status.** The CONTRACTOR, and the officers, the agents and employees of the CONTRACTOR, in the performance of the Agreement, shall act in an independent capacity and not as officers, employees or agents of the RCD. Nothing in this

Agreement is intended nor shall be construed to create an employer-employee relationship, a joint venture relationship.

- 14. Standard of Professionalism.** CONTRACTOR shall conduct all work consistent with professional standards for the industry and type of work being performed under this Agreement.
- 15. Ownership of Materials.** Except as otherwise expressly stated in Exhibit A, all materials and work products, including data collected for the Work produced as a result of this Agreement are the property of the RCD. Any final products distributed or produced will acknowledge the CONTRACTOR, RCD, and other Funding Agencies as reasonably requested by the RCD. The RCD shall be entitled to use and publish the work product and deliverables under this Agreement.
- 16. Indemnification.** To the fullest extent permitted by applicable law, CONTRACTOR agrees to defend, at CONTRACTOR's expense and with counsel acceptable to DISTRICT, indemnify, and save and hold harmless DISTRICT and all of its officers, directors, employees and agents, from and against any and all claims, suits, losses, causes of action, damages, liabilities, and expenses of any kind whatsoever arising out of the performance or nonperformance of the CONTRACTOR's work, including without limitation, all expenses of litigation and/or arbitration, court costs, and attorneys' fees, arising on account of or in connection with injuries to or the death of any person whomsoever, or any and all damages to property, regardless of possession or ownership, which injuries, death or damages arise from, or are in any manner connected with, the work performed by or for the CONTRACTOR under this Agreement, or are caused in whole or part by reason of the acts or omissions or presence of the person or property of the CONTRACTOR or any of its employees, agents, representatives and or suppliers.
- 17. Insurance.** CONTRACTOR shall obtain and maintain for the duration of this Agreement, comprehensive general liability insurance and/or other insurance necessary to protect the parties hereto, and shall provide RCD with evidence thereof. CONTRACTOR shall have RCD named as an additional insured on its insurance policy, which shall have minimum coverage limits as specified on Exhibit B hereto, as is incorporated herein by reference. CONTRACTOR's above described insurance shall serve as the primary insurance coverage for any claim arising from or relating to the services to be performed hereunder.
- 18. Non-discrimination.** CONTRACTOR will not discriminate in employment practices or in the delivery of services on the basis of race, color, creed, national origin, sex, age, marital status or physical or mental handicap.
- 19. Notices.** Any notice required to be given pursuant to the terms and provisions of this Agreement shall be in writing and shall be sent first-class mail. Notice shall be deemed to be effective two (2) days after mailing to the following addresses:

To RCD: Kellyx Nelson, Executive Director
San Mateo County Resource Conservation District
625 Miramontes Street, Suite 103
Half Moon Bay, CA 94019

To CONTRACTOR: Name, title

Organization/Agency
Address 1
Address 2

20. Amendments and Integration. This Agreement supercedes all previous agreements or understandings, and constitutes the entire understanding between the parties with respect to the above referenced services, terms of compensation, and otherwise. This Agreement shall not be amended, except in a writing that is executed by authorized representatives of both parties.

21. Termination. This Agreement may be terminated for any of the following reasons:

- a. If CONTRACTOR fails to perform the services hereunder agreed to the satisfaction of RCD, or otherwise fails to fulfill its obligations under this Agreement, immediately upon written notice from RCD; and
- b. Upon notice from RCD to CONTRACTOR that the funding on which this Agreement is based has been materially disrupted or discontinued.

IN WITNESS WHEREFORE, the parties agree to the foregoing terms and conditions and hereby enter into this Agreement.

Date: _____ By: _____

Name, Title
Organization/Agency Name

Date: _____ By: _____

Kellyx Nelson, Executive Director
San Mateo County Resource Conservation District

SAMPLE CONTRACT
STANDARD CONDITIONS

1: DRUG FREE WORKPLACE CERTIFICATION: Certification of Compliance: By signing this Agreement, the contractor or subcontractors hereby certify, under perjury under the laws of State of California, compliance with the requirements of the Drug-Free Workplace Act of 1990 and have or will provide a drug-free workplace by taking the following actions:

- a. Public a statement notifying employees, contractors and subcontractors that unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited and specifying actions to be taken against employees, contractors, or subcontractors for violations, as required by Government Code §8355(a)(1).
- b. Establish a Drug-Free Awareness Program, as required by Government Code §8355(a)(2) to inform employees, or subcontractors about all of the following:
 - I. The dangers of drug abuse in the workplace,
 - II. Grantee's policy of maintaining a drug-free workplace,
 - III. Any available counseling, rehabilitation, and employee assistance programs, and,
 - IV. Penalties that may be imposed upon employees and subcontractors for drug abuse violations.
- c. Provide, as required by Government Code §8355(a)(3), that every employee and/or subcontractor who works under this Agreement:
 - I. Will receive a copy of Grantee's drug-free policy statement, and
 - II. Will agree to abide by terms of Grantee's condition of employment, contract, or subcontract.

2: INSPECTIONS OF PROJECT BY STATE: State shall have the right to inspect the work being performed at any and all reasonable times during the term of the Agreement. This right shall extend to any subcontracts, and CONTRACTOR shall include provisions ensuring such access in all contracts entered into pursuant to its Grant Agreement with State.

3: LABOR COMPLIANCE: The CONTRACTOR will be required to keep informed of and take all measures necessary to ensure compliance with applicable Labor Code requirements, including, but not limited to §1720 et seq. of the Labor Code regarding public works, limitations on use of volunteer labor (Labor Code §1720.4), labor compliance programs (Labor Code §1171.5) and payment of prevailing wages for work done and funded pursuant to these guidelines, including any payments to the Department of Industrial Relations under Labor Code §1771.3.

4: NONDISCRIMINATION: During the performance of this Agreement, CONTRACTOR or subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or applicant for employment because of sex (gender), sexual orientation, race, color, ancestry, religion, creed, national origin (including language use restriction), pregnancy, physical disability (including HIB and AIDS), mental disability, medical condition (cancer/genetic characteristics), age (over 40), marital status, and denial of medical and family care leave or pregnancy disability leave. CONTRACTOR and its subcontractors shall ensure that the evaluation and treatment of their employees and applicants for employment are free from such discrimination and harassment. CONTRACTOR and its subcontractors shall comply with the provisions of the Fair Employment and Housing Act (Government Code §12990 (a-f) et seq.) and the applicable regulations promulgated there under (California Code of Regulations, Title 2, §7285 et seq.). The applicable regulations of the Fair Employment and Housing Commission Implementing Government Code §12990 (a-f), set forth in Chapter 5 of Division 4 of Title 2 of

the California Code of Regulations, and are incorporated into this Agreement by reference and made a part hereof as if set forth in full. CONTRACTOR and its subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

5: TRAVEL: Travel and per diem costs shall NOT be eligible for reimbursement with State funds. Travel includes the costs of transportation, subsistence, and other associated costs incurred by personnel during the term of this Agreement.

6: WORKERS' COMPENSATION: CONTRACTOR affirms that it is aware of the provisions of §3700 of the Labor Code, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and CONTRACTOR affirms that it will comply with such provisions before commencing the performance of the work under this Agreement.

7: ENVIRONMENTAL QUALITY: CONTRACTOR shall comply with all applicable standards, orders, or requirements issued under Section 306 of the Clean Air Act, Title 42 U.S.C. 1857 (H), Section 508 of the Clean Air Act, Title 33 U.S.C. 1368 Executive Order 11738, and Title 40 CFR Part 15. CONTRACTOR will comply with mandatory standards and policies related to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Conservation Act (Publ L. 94-163). CONTRACTOR will also comply with any special permit conditions prescribed by regulatory agencies for the Project.

- i. The CONTRACTOR shall not be (1) in violation of any order or resolution not subject to review promulgated by the State Air Resources Board; (2) subject to cease and desist order not subject to review issued pursuant to Section 13301 of the Water Code for violation of waste discharge requirements or discharge prohibitions; or (3) finally determined to be in violation of provisions of and federal or State of California law relating to air or water pollution.
- ii. All activities covered by this contract must be in compliance with the California Environmental Quality Act (CEQA). (Public Resources Code §21000 et seq.)

8: AMERICANS WITH DISABILITY ACT: By signing this Agreement, CONTRACTOR assures that it is in compliance with the Americans with Disabilities Act (ADA) of 1990, (42 U.S.C., 12101 et seq.), which prohibits discrimination on the basis of disability, as well as all applicable regulations and guidelines issued pursuant to the ADA.

9: RIGHTS IN DATA: CONTRACTOR agrees that all data including notes and other written and graphic work produced in performance of this Agreement are subject to the rights of the State of California. The State shall have the right to reproduce, publish and use all such work, or any part thereof, in any manner and for any purpose whatsoever and to authorize others to do so.

10: RECORDS: CONTRACTOR is hereby notified of the rights of the auditors of the State of California to examine records of the CONTRACTOR and any subcontractors relative to the services and materials provided under this Agreement. The CONTRACTOR agrees to expeditiously provide throughout the term of this Agreement, such reports, data, information, and certifications as may be reasonably required by the RCD or by the State.

11: STANDARDS IN FINANCIAL MANAGEMENT SYSTEM: CONTRACTOR shall maintain fiscal control and accounting procedures which are sufficient to:

- i. Permit preparation of reports required by Title 48 CFR Part 31 (including those required by Title 48 CFR Part 31.40 and 31.41) and statutes authorizing the grant to the RCD;
- ii. Permit tracing of funds to a level of expenditures adequate to establish that such funds have not be used in violation of the restrictions and prohibitions of applicable statutes;

A requirement to this effect shall be placed in all subcontractors related to performance of work under this Agreement.

EXHIBIT D

San Mateo RCD and [Funder/s] Insurance Requirements Contract Construction Services

CONTRACTOR shall procure and maintain for the duration of this Agreement insurance against claims and injuries to persons or damages to property which may arise from or in connection with the work hereunder by CONTRACTOR, its agents, representatives, employees or subcontractors. The cost of such insurance shall be the sole responsibility of CONTRACTOR.

1. Minimum Scope of Coverage and Limits of Insurance:
 - a. Comprehensive General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage.
 - b. Automobile Liability: \$500,000 combined single limit per accident for bodily injury and property damage.
 - c. Worker's Compensation: Limits as set forth in the Labor Code of the State of California.
2. Contractors Liability Insurance Policy shall contain the following clauses:
 - a. RCD is added as an additional insured as respects operation of the named insured formed under contract with RCD.
 - b. It is agreed that any insurance maintained by RCD shall apply in excess of, and not contribute with, insurance provided by this policy.
 - c. The insurer agrees to waive all rights of subrogation against RCD, its officers and employees for losses arising from work performed by CONTRACTOR for RCD.
3. Each insurance policy required herein shall be endorsed to state that coverage shall not be cancelled, limited, or non-renewed except after thirty (30) days written notice has been given to RCD. Certificates of insurance evidencing the coverage required by the clauses set forth above shall be filed with RCD within 10 working days to the effective date of this Agreement.

EXHIBIT E
Labor Compliance Program

The state labor law requirements applicable to the contract are composed of, but not limited to, the following:

1. Payment of Prevailing Wage Rates

The award of a public works contract requires that all workers employed on the project be paid not less than the specified general prevailing wage rates by the contractor and its subcontractors. Prevailing wage determinations for this project can be obtained at: **www.dir.ca.gov**. This includes a total package including fringe benefits and training contributions which are paid to the employee or for the benefit of the employee to a bona fide ERISA approved or otherwise unconditionally paid for the benefit of the employee Trust Fund.

The contractor is responsible for obtaining and complying with all applicable general prevailing wage rates for trades workers and any rate changes, which may occur during the term of the contract. Prevailing wage rates and rate changes are to be posted at the job site for workers to view. Or the contractor may post a notice stating where the prevailing wage determinations are available on the jobsite and the contractor shall provide access to such information upon reasonable notice.

2. All individuals or companies performing prevailing wage work on this project must be registered as a public works contractor and pay an annual fee of \$300 to the Department of Industrial Relations (DIR). This includes all work covered by prevailing wage such as trucking, surveying, building inspection and so on.

3. Apprentices

It is the duty of the contractor and subcontractors to employ registered apprentices on public works projects per Labor Code Section 1777.5; Contractors and subcontractors must submit proof of Public Works Contract Award Information (DAS140) or other documentation for Division of Apprenticeship Standards approved apprenticeship programs. Apprentices are to be employed in all crafts and in all trades with approved training programs. Contractors are to employ apprentices on a ratio of 1 apprentice hour for every 5 journeymen hours or as otherwise approved by the DAS approved Apprenticeship Training Committee. Contractors and subcontractors who do not meet this ratio must submit documentation that apprentices were requested and were not provided and/or not available in sufficient number to meet this ratio. The submission of an accurate DAS142(s) meets this requirement. Additional documentation may be required to verify the apprenticeship status of employees.

4. Penalties

Penalties, including forfeitures and debarment, shall be imposed for contractor/subcontractor failure to pay prevailing wages, failure to maintain and submit accurate certified payroll records upon request, failure to employ apprentices, and for failure to pay employees for all hours worked at the correct prevailing wage rate, in accordance with Labor Code Sections 1775, 1776, 1777.7, and 1813. Monetary penalties of \$200 per day per worker shall be imposed for failure to pay correct prevailing wage; \$25 per day per worker shall be imposed for overtime violated; \$100 per day per worker for failure to provide certified payroll information; \$100-\$300 per calendar day for noncompliance of Apprenticeship issues.

5. Certified Payroll Records

Per Labor Code Section 1776, contractors and subcontractors are required to keep accurate payroll records which reflect the name, address, social security number, and work classification of each employee; the straight time and overtime hours worked each day and each week; the fringe benefits; and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee hired in connection with a public works project. A listing of all current prevailing wage determinations can be obtained from the Agency's main office or by accessing the Department of Industrial Relations' website at: www.dir.ca.gov

Employee payroll records shall be certified (signed under penalty of perjury by someone in authority at the company) and shall be made available for inspection at all reasonable hours at the principal office of the contractor/subcontractor, or shall be furnished to any employee, or to his or her authorized representative on request. Disclosure of certified payroll information to anyone other than the Awarding Body, its agent, or the Department of Industrial Relations requires that personal information about the employees (name, address and social security number) listed on the forms be redacted (omitted) to protect employee privacy.

Contractors and subcontractors shall maintain their certified payrolls on a weekly basis and shall submit said payrolls on a monthly basis in conjunction with contractor's requests for progress or final payment. In the event that there has been no work performed during a given week, the Certified Payroll Record shall be annotated "No Work" for that week. The Agency or its authorized representative is also authorized to request and review all related payroll records such as time cards, cancelled checks, etc. For all projects awarded after April 1, 2015, certified payrolls must also be submitted to the DIR electronically through their eCPR system.

While the DIR accepts electronic versions of your certified payroll, the DIR and this agency may also request copies of the original certified payroll and supporting documentation at any time.

6. Nondiscrimination in Employment

Prohibitions against employment discrimination are contained in Labor Code Sections 1735 and 1777.6; the Government Code; the Public Contracts Code; and Title VII of the Civil Rights Act of 1964, as amended. All contractors and subcontractors are required to implement equal employment opportunities as delineated below:

a. Equal Employment Poster

The equal employment poster shall be posted at the job site in a conspicuous place visible to employees and employment applicants for the duration of the project. All other labor and employment related posters are also to be properly displayed on the jobsite.

7. Kickback Prohibited

Per Labor Code Section 1778, contractors and subcontractors are prohibited from accepting, taking wages illegally, or extracting "kickback" from employee wages;

8. Acceptance of Fees Prohibited

Contractors and subcontractors are prohibited from exacting any type of fee for registering individuals for public work (Labor Code Section 1779); or for filling work orders on public works contracts (Labor Code Section 1780);

9. Listing of Subcontractors

Contractors are required to list all subcontractors hired to perform work on a public works project when that work is equivalent to more than one-half of one percent of the total contract amount or \$10,000 whichever is greater. (Public Contract Code Section 4100, et seq.);

10. Proper Licensing

Contractors and subcontractors are required to be properly licensed. Penalties will be imposed for employing workers while unlicensed (Labor Code Section 1021 and Business and Professions Code Section 7000, et seq. under California Contractors License Law);

11. Unfair Competition Prohibited

Contractors and subcontractors are prohibited from engaging in unfair competition (Business and Professions Code Sections 17200-17208);

12. Workers' Compensation Insurance

All contractors and subcontractors are required to be insured against liability for workers' compensation, or to undertake self-insurance in accordance with the provisions of Labor Code Section 3700 (Labor Code Section 1861);

13. OSHA

Contractors and subcontractors are required to comply with the Occupational, Safety and Health laws and regulations applicable to the particular public works project.

14. Prompt Payment of Subcontractors and Suppliers

Contractors are required by law to promptly pay their subcontractors and suppliers within seven (7) days of receipt of any progress or final payment from the Public Agency. Likewise, the subcontractor and supplier are required to pay their respective subcontractors and suppliers within seven (7) days of receipt of payment from the general contractor. When the payment to the contractor is a release of final retention on the project, those funds must be paid within seven (7) days of receipt.

15. IRCA

Pursuant to the Immigration Reform and Control Act of 1986, employers are required to verify that all employees working on public works contracts are legally able to work in the United States. Employers shall keep on file appropriate I-9 forms and documentation for all workers employed on the jobsite and make such forms available to inspection and review by the LCO upon request.

16. Jobsite Interviews

Jobsite interviews are required on a regular basis on this project, CCMI may conduct random jobsite interviews as necessary to meet labor compliance obligations. Please contact Field Representative Christina Sanchez once project has a confirmed start date. Her phone number is (650) 759-9891.

17. Certification of Electricians

Those employing electricians must comply with employment testing and certification requirements for electricians. Additional information may be required to verify the certification status of those employed.

18. Employee Wage Statements – It is required to provide itemized wage statements (pay stubs) to Employees under Labor Code Section 226.

19. Posting of Labor Compliance – Notice of Labor Compliance Approval is required to be posted at the job site in accordance with section 16429, listing a telephone number to call for inquiries, questions, or assistance with regard to the Labor Compliance Program. (Sample attached in handout).

20. Confirmation of Payroll Records – Confirmation of payment to employees for each contractor and subcontractor shall be undertaken randomly for at least one worker for at least one weekly period within that month. This will entail a monthly request of the front and back of a canceled check and employee pay stub for each contractor/subcontractor. Per Title 8 of the California Code Regulations section 16432(c).

21. Public Works Contractor Registration – Only those businesses who have registered and paid the applicable fee to the Department of Industrial Relations as a Public Works Contractor will be allowed to work on the project.

I acknowledge that I have been informed and am aware of the foregoing requirements and that

I am authorized to make this certification on behalf of _____.

(Name of Contractor)

Signature

Name

Title of Contractor Authorized Representative

**EXHIBIT F
CERTIFICATE OF COMPLIANCE**

TO: SAN MATEO RESOURCE CONSERVATION DISTRICT

PROJECT: *Pescadero Creek Streamflow Improvement Project: Carpy Ranch*

This is to certify that all requirements for insurance of subcontractors as specified have been met.

[Contractor]

By

Dated

Please return this completed form with your Bonds and Certificates of Insurance within 7 days of notice of award.

EXHIBIT G
Billing Instructions for Contractors

Process and timing

Invoices will be reviewed by the RCD staff before submittal to grant funders. Invoices will be paid upon receipt of funds from the grantor, a process that may take up to 120 days from the time of submittal to the grantor by the District.

Format

The RCD will work with the selected contractor to insure invoices are in the appropriate template for the grant funder.

Task: If your contract or work order shows that you will be performing more than one task specified in the budget, please break down the charges on your invoice by task.

Description: Provide a thorough but concise description of all work included on the invoice. Include a breakdown of equipment and labor rates, hours and dates worked, materials, subcontractors and other costs.

Please submit your invoice to:

Add name

[add email address]

or

San Mateo Resource Conservation District
80 Stone Pine Road, Suite 100
Half Moon Bay, CA 94019