

Christian Valley Park CSD Kenneth Loop Predesign Report Scope of Work and Fee Proposal

Our scope of work and fee estimate for the preparation of the Kenneth Loop Predesign Report are attached.

Background. The Christian Valley Park Community Services District (District) serves approximately 630 residential customers within its service area. The western portion of the District is served by a single 6-inch asbestos concrete pipe that was installed in the 1960's and portions of which operate at pressures greater than 180 psi. The Kenneth Loop project would provide a loop within the system. Figure 1 includes the overall District distribution system and conceptual alignments for the Kenneth Loop.

The predesign activities would identify alternative pipeline alignments. The evaluation will include engineering, operational, environmental and right-of-way criteria to identify the preferred alternative with the goal of minimizing cost, environmental impacts and securing easements and necessary right of ways. The project includes a public outreach to make contact with property owners in the area that may be interested in receiving District water and willing to provide easements.

Task descriptions are included below.

Task 1 – Identify Alternative Routes for Consideration. Hydros Engineering, Inc. (HEI) will identify up to three alternative routes for consideration by the project team including environmental and right of way. Selection of the preliminary routes will be based on local knowledge and an understanding of operation and maintenance needs.

Task 2 – Public Outreach. An assessment of property owners' interest in the project will be an early step in the process. HEI will work with the District to identify potential parcels and send a letter survey and invitation to a public meeting to discuss interest in the project and potential concerns which can be addressed early in the project and gain public support.

Task 3 – Field Meeting Assessment. Field work will include an evaluation of engineering/operational, environmental and survey related components. Evaluation criteria will be developed as part of this task. Examples are included below and will be refined as the project proceeds.

Engineering/operational will include:

- Construction cost

- Constructability
- System hydraulics
- Access for operation and maintenance
- Property owner interest

Environmental aspects will include (See Attachment 1):

- Cultural constraints including tribal resources
- Wetlands
- Biological (e.g. special status species, sensitive habitats, etc.)
- Environmental documentation requirements (CEQA/NEPA)

Survey/Right-of-Way will include (See Attachment 2):

- Existing public utility easements in the area
- Identification of easements where necessary

Task 4 – Alternative Analysis and Selection of Preferred Alternative. The alternative alignments will be compared in a matrix format based on evaluation criteria developed. Weighting criteria will be developed and applied to the various criteria. Each of the evaluation criteria will be described in detail and the alternative alignment will be scored.

Task 5 – Presentation to District Board and Stakeholders. Preliminary results of the evaluation will be presented in public meeting, either at regular board meeting, or a special meeting, possibly within the project area. Public comments will be heard to address any concerns related to the analysis and selected alternative.

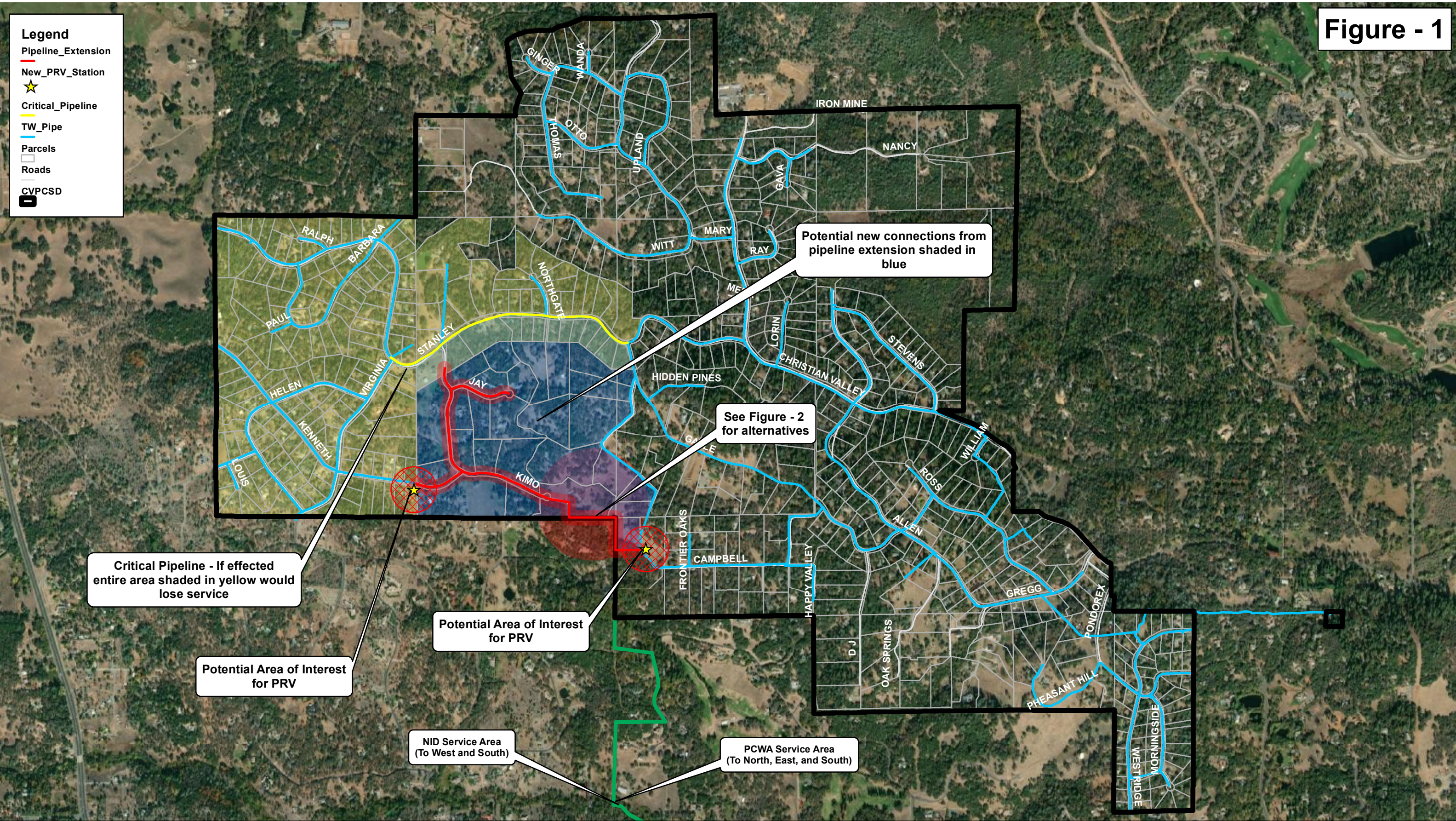
Task 6 – Prepare Project Report. Results of the evaluation will be documented in a predesign report. The report will include the results of the field surveys including figures, engineering design criteria, project cost estimates, as well as environmental reports. A project description will be prepared that will eventually provide the basis for the environmental documents that will be needed for the preparation of the CEQA/NEPA documentation. The preparation of the CEQA/NEPA documents and acquisition of any permits is not included in this scope of work.

Work to be completed on a time and expense basis not to exceed \$37,650 without prior written approval. See Fee estimate worksheet attached. If the District contracts with RCH directly the overall project cost would be \$36,520, approximately \$350 over grant amount. (RCH costs went up over the past year, hence the increase.)

Figure - 1

Legend

- Pipeline_Extension
- New_PRV_Station
- Critical_Pipeline
- TW_Pipe
- Parcels
- Roads
- CVPCSD



Kenneth Way Conceptual Loop

CVPCSD - January 2021

NORTH

1" = 1,500'

COORDINATE SYSTEM:
CALIFORNIA STATE PLANE, ZONE II,
NAD83, U.S. SURVEY FEET

SOURCES:
- HYDROS ENGINEERING
- PLACER COUNTY GIS DATA

Figures for concept only, further work with property owners, environmental review, and surveyors needed before project can be considered for approval.

HydrosEngineering
Planning · Design · Operations

PO Box 81 (530) 637-4441
Weimar CA, 95736 hydros-engineering.com

FEE ESTIMATE - Updated Feb 2, 2022

Hydros Engineering Job#: CVPC21-001
Kenneth Loop Project - Predesign

TASK NO.	DESCRIPTION	NOTES	Eng			HYDROS FEE	G&K SURVEY	RCH ENVIRON	DIRECT EXP	TOTAL
			Princ Eng \$ 180	Tech \$ 100	Admin \$ 65					
		(a)								
1	Identify alternative pipeline routes for evaluation		2			\$ 360	\$ 2,200			\$ 2,560
2	Public outreach		8	6	4	\$ 1,700			\$ 100	\$ 1,800
3	Field meeting/assesment with subconsultants									
	Survey		2			\$ 360	\$ 220			\$ 580
	Environmental		2			\$ 360		\$ 12,100		\$ 12,460
4	Alternative analysis and selection of preferred alignment		40	8		\$ 7,200	\$ 2,970		\$ 2,200	\$ 12,370
5	Presentation to District Board and Stakeholders		8	6	4	\$ 1,700				\$ 1,700
6	Prepare Project Report		24	12	6	\$ 4,710				\$ 4,710
7	Project Management and Administration		6		4	\$ 1,340			\$ 100	\$ 1,440
Subtotal			92	32	18	\$ 17,730	\$ 5,390		\$ 2,400	\$ 37,620

Notes:

- 1 Assumed that a total of five Preliminary Title Reports would be required.
- 2 Subconsultant costs include a 10-percent mark up; no mark up if CVPCSD contracts directly with subconsultants.
- 3 Task budgets may be reallocated as needed based on actual time necessary to complete tasks, overall budget not to exceed stated amount without prior written authorization.

TOTAL PROJECT

Hydros Subs RCH			\$37,620	Updated CEA
District Subs RCH	\$ 25,520	\$ 11,000	\$36,520	If Dist Subs RCH
Original			\$36,190	Original/Grant
DIFF			\$330	Out of Pocket

Sub-consultant Scope/Fees



February 2, 2022
HydrosEngineering
Gerry LaBudde
glabudde@hydros-engineering.com
530-637-4441

Re: Cost Proposal for CVPCSD Kenneth Pipeline Conceptual Loop Environmental Constraints Analysis of Three Alternative Pipeline paths.

RCH Group (RCH) is pleased to submit the following proposal for an Environmental Constraints Analysis involving the Kenneth Pipeline Loop Extension.

Scope of Work

RCH will analyze the potential environmental constraints related to the three Alternative Pipeline paths (overland paths), as shown on **Figure 2**. The following environmental topics will be analyzed:

- **Biological Resources:** RCH will engage Salix Consulting to analyze any potential sensitive habitat (i.e., drainage features, wetlands, trees, species of concern, etc.) that could be impacted by the proposed pipeline extension paths. Salix Consulting is located in Auburn and the lead biologist is very well-versed with identifying species of concern in Placer County. Salix will upload each pipeline centerline into GPS and walk the route. Salix will write a Biological and Wetlands Resources Constraints Assessment based on the findings of the surveys that will identify any potentially occurring special status species and sensitive habitats and recommend measures to avoid impacts to them.
- **Cultural Resources:** RCH will engage with Natural Investigations Company to analyze any potential sensitive cultural or tribal cultural resources that could be affected by the proposed pipeline extension paths. Natural Investigations Company is familiar with the tribal processes in Placer County. They will conduct a cultural resources CHRIS and NAHC search, a pedestrian survey, and a technical report.
- RCH will make a general review of the additional CEQA Initial Study Checklist items (including hazards materials records and construction noise) to determine potential differences of the three Alternative Pipeline paths and prepare a summary report of potential concerns (including Biological Resources and Cultural Resources).

Proposed Cost

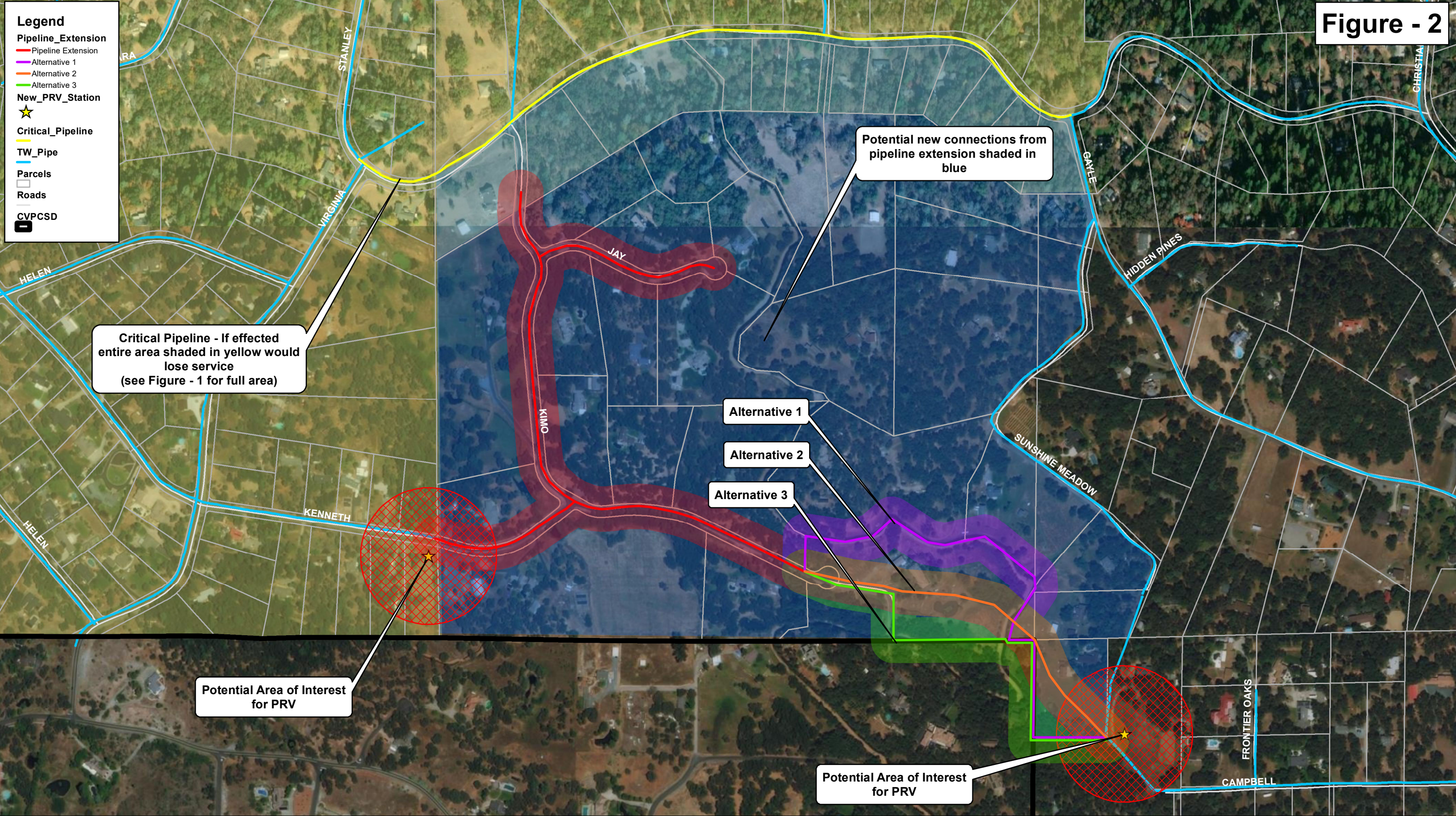
RCH Group will be compensated a fixed fee total cost of **\$11,000**.

Please do not hesitate to call me at (916) 212-9600 if you have any questions of need additional information.

Sincerely,

A handwritten signature in black ink that reads 'Paul H. Miller'.

Paul Miller
Managing Principal
RCH Group



NORTH
 1" = 500'

COORDINATE SYSTEM:
 CALIFORNIA STATE PLANE, ZONE II,
 NAD83, U.S. SURVEY FEET

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Kenneth Way Conceptual Loop

CVPCSD - January 2021

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 Weimar CA, 95736 hydros-engineering.com

Wednesday, February 10, 2021



AGREEMENT

PROPOSAL FOR ENGINEERING SERVICES

CLIENT

Christian Valley Park Community Service District
c/o Gerry Labudde
Post Box 6857
Auburn, CA 95604
530-878-8350

CONSULTANT

Patrick R. Druding, PLS # 8933
Giuliani & Kull – Auburn, Inc.
Post Box 786
Auburn, CA 95604
Office: (530) 885-5107
Mobile: (530) 802-3277
pdruding@gmail.com

This agreement entered into in Auburn, California hereby binds the Client and Consultant to the following Scope of Services and Compensation:

PROJECT DESCRIPTION

The proposed project is the development of the existing vacant parcel of land located in County of Placer. The property is shown in red as shown on “The Kenneth Way Loop” Figure 1 by Hydros Engineering.

SCOPE OF SERVICES

The following scope of services is offered for the preparation of the engineering work effort:

Task 1 – Easement Identification and Title Review

Giuliani & Kull-Auburn, Inc. will research and review the proposed alignment for existing Right of Way. Title information as needed to establish appurtenant record easements will be obtained as

required. A document of the entire alignment will be produced that identifying existing Right of Way and areas where Right of Way is insufficient.

Task 2 – Establishing Required Right of Way

Areas identified as insufficient of Right of Way will be located based on record drawings or field surveys. A Plat and Legal Descriptions for each area will be created. Giuliani & Kull-Auburn, Inc. will work with consultants to assure property recording of easements. A final document summarizing a complete Right of Way will be produced for use in the development of Construction Documents.

SERVICES NOT INCLUDED

The following services are specifically not included as a part of the consultants work effort under this contract:

- Boundary or Line Staking

The above listing is not intended to be exhaustive and shall not be construed to include any work as offered under this proposal as specifically identified in the Scope of Services.

CLIENT PROVIDED DATA

The following data information and materials are to be provided by the Client:

- Site Plan
- Site Access

COST OF SERVICES

The professional services described in the Scope of Services are offered for the following fees:

Task 1 – Easement Identification	\$2,200
Task 2 – Establishing Required Right of Way	\$2,700

Note: The above estimate does not include Preliminary Title Reports. If needed the cost is \$300-\$500 per lot.

TERMS

The services described herein will be provided in accordance with the attached Standard Provisions of Agreement. Invoices will be payable within 30 days of the date of invoice. Extra work items or other additional services (beyond those described herein) will be provided in accordance with our standard schedule of hourly rates in effect at the time the work is performed.

If this proposal is acceptable, please sign one copy and initial the standard provisions attached hereto. A returned copy will be our authorization to proceed.

Wednesday, February 10, 2021

Respectfully Submitted,
Giuliani & Kull-Auburn, Inc.

Accepted,
CVPCSD

Patrick R. Druding, PLS

By:
It's:

Date:



Auburn - Oakdale - San Jose

EXHIBIT "B"

SCHEDULE OF HOURLY RATES

Effective 01/01/2020

The following rates are applicable to hourly rate contracts, extra work items, and per-diem accounts:

<u>Classification</u>	<u>Hourly Rate</u>
Principal Engineer	\$ 150.00
Senior Engineer	125.00
Senior Land Surveyor	125.00
Associate Engineer	95.00
Engineering Technician	55.00
Senior Drafter	85.00
Drafter	75.00
Survey Technician	90.00
Field Crew / GPS Survey	205.00
Clerical	45.00
Expert Witness	350.00

Reproductions, copying, record maps, filing fees, and additional outside services will be billed at cost plus fifteen (15) percent. Field crew per diem cost is \$100 when mileage is in excess of 100 miles from office of origin. Vehicle mileage charge \$0.40/mile.