

AMENDMENT NO. 1 TO ENGINEERING AGREEMENT JOB NO. 0306.48

THIS AMENDMENT NO. 1 TO ENGINEERING AGREEMENT JOB NO. 0306.48 made and entered into as of this ___ day of _____ 2024, amends the Engineering Agreement heretofore entered between Burney Water District, a County Water District, hereinafter referred to as "Client," and PACE Engineering, Inc., hereinafter referred to as "Consultant."

RECITALS

WHEREAS, the Client and Consultant entered into Engineering Agreement dated December 18, 2023, for funding application and assistance services for the Lead Service Line Inventory Project, and

WHEREAS, the Client now desires to expand the Scope of Work by adding additional services.

NOW, THEREFORE, the parties agree that the aforesaid Engineering Agreement be amended as follows:


1. The Consultant shall subcontract with ENPLAN to provide additional environmental services as described in Exhibit A attached.
2. The Consultant's compensation shall be for services rendered pursuant to this Amendment and shall be on an estimated fee basis not to exceed \$50,000 as described in Exhibit A attached, in addition to a \$5,000 estimated cost on a time and materials basis for Consultant to assist and administer subconsultant. The total additional compensation for these services is estimated not to exceed \$55,000.

Except as otherwise provided herein, the Engineering Agreement entered into by the Client and Consultant dated December 18, 2023, remains in full force and effect.

IN WITNESS WHEREOF, the parties have executed this Amendment No. 1 to Engineering Agreement at Redding, California, the day and year first above written.

CONSULTANT:

PACE Engineering, Inc. _____

By:  _____
Laurie McCollum
Principal Engineer

CLIENT:

Burney Water District _____

By: _____
David Zevely
District Manager

BD-06
April 24, 2024

Laurie McCollum, P.E.
PACE Engineering, Inc.
5155 Venture Parkway
Redding, CA 96002

SUBJECT: Proposal to Prepare Environmental Documentation for the Burney Water District Lead Service Line Inventory Project

In response to your request, ENPLAN is pleased to provide you with a work scope and cost estimate to provide environmental consulting services for the proposed Burney Water District (BWD) Lead Service Line Inventory Project. Funding for the project would be through the State Water Resources Control Board (SWRCB) Lead Service Line Replacement (LSLR) Funding Program, administered through the Drinking Water State Revolving Fund (DWSRF) Program. According to the Supplemental Intended Use Plan for the LSLR Funding Program¹, all projects funded under this program are subject to federal cross-cutter requirements.

The purpose of the project is to complete field investigations and material verification to identify lead service lines in the BWD water service area. The project entails potholing water service lines at 255 meter locations, which represents 20 percent of the service lines in the water system. Potholing will be conducted via vacuum excavation, with two potholes at each location (one on the customer side and one on the BWD side of the meter). Vacuum excavation involves using a water jet or compressed air to loosen soil, which is vacuumed up, resulting in a small hole to access the service line.

Based on preliminary review, we anticipate that the project is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to Section 15304 (Minor Alterations to Land) of the CEQA Guidelines. Section 15304 covers minor alterations in the condition of land and/or vegetation which do not involve the removal of healthy, mature, scenic trees (e.g., minor trenching and backfilling where the surface is restored). The BWD will be the CEQA lead agency for the project. NEPA requirements will be met through preparation and submittal of an "Environmental Package" and supporting documentation to the SWRCB in accordance with the LSLR Funding Program.

Our scope of work includes the following tasks:

TECHNICAL STUDIES

Details of each technical study required for the project are provided below. For the site-specific studies, we will work closely with PACE and BWD staff to determine appropriate study limits for our field evaluations. The extent of field review for the meter sites will depend on the location of the water services. For example, if the water service lines are located adjacent to a roadway in an area devoid of significant vegetation, a cursory visual inspection would be completed. Meters and service lines that are on private property and are not visible from the roadway due to vegetation or other factors would require a more thorough review.

Biological Studies

ENPLAN will complete biological studies in general accordance with current agency standards to document the presence, potential presence, or absence of special-status species, as outlined below. We anticipate that BWD staff will accompany us on our field inspections as necessary.

¹ State Water Resources Control Board. Appendix I: *Supplemental Intended Use Plan for the Lead Service Line Replacement Funding Program*.

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/2023/2023-24-supp-iup-lslr.pdf

Pre-field Research. ENPLAN will review available records prior to initiating fieldwork in order to obtain information on special-status species that may be present in the project area. Records reviewed will include those maintained by the U.S. Fish and Wildlife Service, National Marine Fisheries Service, California Department of Fish and Wildlife (CDFW), and California Native Plant Society, as well as our in-house records for the project area.

Botanical Field Surveys. ENPLAN will conduct botanical field surveys to document the presence/absence of special-status plants that could occur in the project area. The blooming period for special-status plants known to occur in the area spans from late April through September; therefore, our work scope includes two botanical survey visits to span the blooming period. If special-status plants are observed, the populations will be mapped and appropriate data forms will be prepared and submitted.

Wildlife Field Survey. A general wildlife survey will be undertaken, with an emphasis on evaluating the suitability of the on-site habitat types to support special-status animal species. A list of wildlife species observed in the field will be prepared. Occurrences of special-status wildlife populations or important habitats for special-status wildlife will be documented. Completion of species-specific surveys, if required by reviewing agencies, would be undertaken under a separate authorization.

Report Preparation. A Biological Study Report incorporating the results of the records search and field studies will be prepared in general accordance with DWSRF requirements. Documentation will include a description of existing conditions, our study methods, the results of our records searches and field studies, an impact assessment, and recommended avoidance measures, as well as appropriate maps, photographs, data forms, species lists, and other supporting information.

Aquatic Resources Screening

The potential for jurisdictional waters to be affected by the project will be evaluated through review of aerial imagery and general site reconnaissance. If potential wetlands or other jurisdictional waters are suspected, ENPLAN will conduct a field assessment of vegetation, soils, and hydrologic characteristics in and adjacent to the suspect areas. If it is determined that jurisdictional waters would be affected by project implementation, we would provide a supplemental work scope and cost to prepare a pre-jurisdictional delineation report for submittal to the Army Corps of Engineers.

Cultural Resources

ENPLAN will prepare a cultural resources study that meets the requirements of both CEQA and Section 106 of the National Historic Preservation Act. Section 106 compliance will in turn ensure compliance with the LSLR Funding Program and any federal permits that may be required for the project (e.g., USACE Section 404 permit). The cultural resources study will be conducted in accordance with the following scope:

Records Search. ENPLAN will conduct a cultural resources records search at the Northeast Information Center of the California Historical Resources Information System at California State University, Chico (NEIC/CHRIS) and review Government Land Office (GLO) records as appropriate.

Agency and Tribal Contacts. We will contact the Native American Heritage Commission (NAHC) for information relating to previously recorded Traditional Cultural Properties or sacred sites in the study area, and to obtain a listing of local Native Americans who may have knowledge of the area. We will then contact the Tribes identified by the NAHC.

Field Survey. We will conduct a general-level pedestrian field survey of the study area. We anticipate that BWD staff will accompany us on our field inspections as necessary. All observed cultural resources will be noted and GPS coordinates taken. If cultural resources have been previously recorded within the study area, we will attempt to locate the sites.

Report Preparation. We will prepare a cultural resources study report outlining the project description, context, study methods, results, and our recommendations. After final review by PACE and BWD staff, we will submit the final report to the funding agencies and NEIC/CHRIS.

CEQA DOCUMENTATION

ENPLAN will prepare a Notice of Exemption (NOE) for the project, including documentation addressing the exceptions outlined in §15300.2 of the CEQA Guidelines that would preclude use of a categorical exemption for the project. The NOE will be provided to PACE and BWD staff for review. ENPLAN will make any necessary revisions and will coordinate with BWD staff regarding submittal of the NOE to the State Clearinghouse through CEQASubmit and to the Shasta County Clerk.

DRINKING WATER STATE REVOLVING FUND (DWSRF) DOCUMENTATION

ENPLAN will prepare an Environmental Package for review by PACE and BWD staff. The report will be prepared in accordance with DWSRF standards and will include discussions with respect to air quality, cultural resources, important and protected farmland, FEMA-designated floodplains, migratory birds protected under the Migratory Bird Treaty Act, proximity to National Forest Lands, wetlands and waters of the U.S., federally listed special-status species and their critical habitat, and other issues.

Following review, we will make changes as warranted and submit the final document to PACE for inclusion in the funding application package. ENPLAN will provide follow-up consultation with DWSRF staff through to their approval of the documentation and issuance of environmental clearance.

PROJECT COORDINATION AND MEETINGS

ENPLAN will consult with applicable public agencies as needed regarding specific requirements for technical studies. We will also participate in project meetings and conference calls with the project team as necessary.

We propose to complete the tasks described above on a time and materials basis for an estimated cost of \$50,000; our anticipated cost allocation is shown on the attached spreadsheet. Our cost estimate does not include preparation of resource agency permits or mitigation costs. If additional studies and consultation are determined to be necessary, we will provide a separate cost estimate at that time.

Please contact me at **530.221.0440, ext. 7112**, or cthompson@enplan.com if you have any questions regarding our proposal or to authorize work.

Sincerely,



Carla L. Thompson, AICP
Senior Environmental Planner

Enclosure: Cost Estimate

Burney Water District - Lead Service Line Inventory Project
Cost Estimate
 March 12, 2024

TASK/UNIT	Employee --> Rate/ Hr. -->	ENPLAN										Subtotal	Direct Cost (\$)	TOTAL COSTS (\$)	
		Env. Service Manager	Senior Env. Planner	Env. Planner IV	Env. Scientist II	Archaeologist I	Archaeologist II	GIS Technician	Production Manager						
Technical Studies															
Biological Resources Report (Botanical and Wildlife)	(hr)	20	4	-	36	-	-	1	2	-	-	-	-	-	-
	(\$)	4,400	660	-	5,040	-	-	150	160	-	-	-	-	100	10,510
Cultural Resources Assessment	(hr)	4	-	8	-	12	-	10	2	-	-	-	-	-	-
	(\$)	880	-	840	-	1,860	-	1,500	160	-	-	-	-	800	15,140
Subtotal Hours		24	4	8	36	12	70	11	4	-	-	-	-	900	25,650
Subtotal Costs		5,280	660	840	5,040	1,860	9,100	1,650	320	-	-	-	-	24,750	25,650
CEQA Environmental Review															
CEQA Notice of Exemption (NOE) and Documentation	(hr)	4	14	36	-	-	-	-	-	-	-	-	-	-	-
	(\$)	880	2,310	3,780	-	-	-	-	-	-	-	-	-	6,970	6,970
Subtotal Hours		4	14	36	-	-	-	-	-	-	-	-	-	-	-
Subtotal Costs		880	2,310	3,780	-	-	-	-	-	-	-	-	-	6,970	6,970
Project Management															
Project Meetings, Coordination	(hr)	8	8	-	8	-	-	-	-	-	-	-	-	-	-
	(\$)	1,760	1,320	-	1,120	-	-	-	-	-	-	-	-	5,240	5,240
Subtotal Hours		8	8	-	8	-	-	-	-	-	-	-	-	-	-
Subtotal Costs		1,760	1,320	-	1,120	-	-	-	-	-	-	-	-	5,240	5,240
NEPA Environmental Review (SRF Funding)															
Prepare State Revolving Fund (SRF) Environmental Package	(hr)	2	12	32	-	-	-	-	-	-	-	8	-	-	-
	(\$)	440	1,980	3,360	-	-	-	-	-	-	-	1,200	-	6,980	6,980
Provide Follow-Up Consultation	(hr)	8	8	-	8	-	-	-	-	-	-	-	-	-	-
	(\$)	1,760	1,320	-	1,120	-	-	-	-	-	-	-	-	5,240	5,240
Subtotal Hours		10	20	32	8	-	-	-	-	-	-	8	-	-	-
Subtotal Costs		2,200	3,300	3,360	1,120	-	-	-	-	-	-	1,200	-	12,220	12,220
Subtotal Hours		46	76	52	12	86	19	4	-	-	-	-	-	-	-
Subtotal Costs		10,120	7,980	7,280	1,860	11,180	2,850	320	900	49,180	50,080	50,080	50,080	50,080	
TOTAL COSTS															

Reimbursables expenses incurred for dataset acquisition, field supplies, document reproduction, shipping, food and lodging are billed at direct cost. Vehicle costs are based on the current federal rate. Specialists contracted on behalf of client by ENPLAN to carry out specific project-related tasks are billed at direct cost. All other operational and incidental expenses are covered under the labor rates indicated.