

TO: BOARD OF DIRECTORS
REVIEWED: RAY DIENZO, P.E. *R.D.* -
GENERAL MANAGER
FROM: PETER V. SEVCIK, P.E.
DIRECTOR OF
ENGINEERING & OPERATIONS
DATE: FEBRUARY 5, 2025

**AGENDA ITEM
D-5
FEBRUARY 12, 2025**

**AUTHORIZE TASK ORDER FOR ENGINEERING DESIGN SERVICES
FOR MALLAGH STREET REPLACEMENT WATERMAIN**

ITEM

Authorize Task Order for engineering services for Mallagh Street Replacement Watermain in the amount of \$26,027 with Cannon Corporation [RECOMMEND AUTHORIZE TASK ORDER].

BACKGROUND

At the October 11, 2023 Board Meeting, the Board authorized staff to execute a contract with Cannon Corporation ("Cannon") to provide engineering services for the 2024 Water Distribution System Improvement Project ("Project"). The Project involves the construction of approximately 4,300 linear feet of 12-inch water main in Pomeroy Road between Willow Road and Aden Way, 365 linear feet of 8-inch water main in Sea Pines Place between Via Concha and Woodgreen Way, and 765 feet of 4-inch water main in Red Oak Way within the District's service area. Construction of the Project is currently underway.

The FY 2024-2025 Budget includes funding for replacing approximately 325 linear feet of existing 6-inch waterline in Mallagh Street between Dana and Tefft with an 8-inch waterline, including replacement of two water services. Staff requested a proposal from Cannon to provide design engineering services for the Mallagh Street replacement watermain. Cannon submitted the attached proposal to perform the work for a not to exceed amount of \$26,027. Staff's intent is to complete the design for the Mallagh Street replacement watermain and then negotiate a change order, subject to Board approval, with the contractor to have the replacement watermain constructed as part of the Project.

FISCAL IMPACT

Funding for the Mallagh Street replacement waterline in the amount of \$250,000 is available in the FY 2024-2025 budget.

STRATEGIC PLAN

Goal 1 – WATER SUPPLY – Actively plan to provide reliable water supply of sufficient quality and quantity to serve both current customers and those in the long-term future.

Goal 2. FACILITIES THAT ARE RELIABLE, ENVIRONMENTALLY SENSIBLE AND EFFICIENT. Plan, provide for and maintain District facilities and other physical assets to achieve reliable, environmentally sensible, and efficient District operations.

RECOMMENDATION

Staff recommends that the Board authorize staff to execute a Task Order in the amount of \$26,027 with Cannon for the Mallagh Street Replacement Watermain design.

ATTACHMENTS

- A. Cannon proposal dated January 27, 2025

FEBRUARY 12, 2025

ITEM D-5

ATTACHMENT A



ADDITIONAL SERVICES AGREEMENT

Date: January 27, 2025

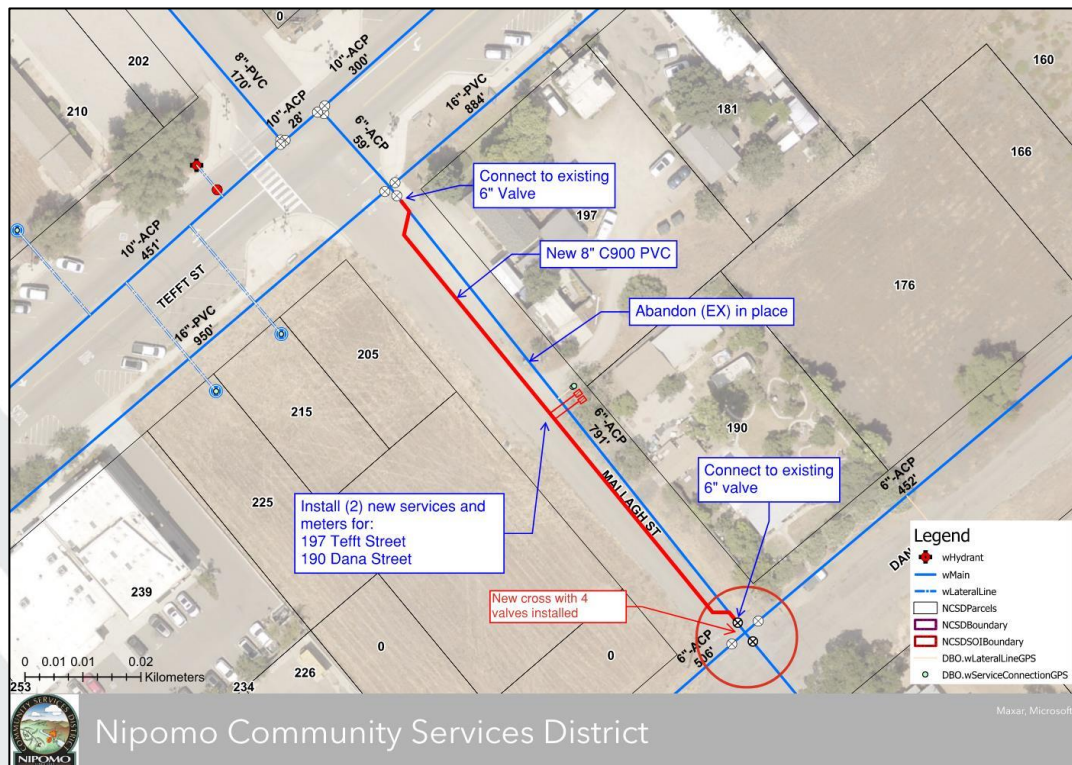
CA Project Number: 230905

Project Client: Nipomo Community Service District

Project Name: 2024 Nipomo Water Distribution System Improvement Project -
Mallagh Street Water Main Design

Description of Additional Services:

This additional services agreement is in response to the District's request to provide Civil Design Services for the water main replacement within Mallagh Street. The existing 6" ACP distribution main within Mallagh Street is to be replaced with a new 8" C900 PVC main in open trench. The limits of replacement extend from the existing 16" main within Tefft Street to the existing 6" main within Dana Street and include two new services and meters to 197 Tefft Street and 190 Dana Street. This design is to be given to R. Baker as a change order for the 2024 Water Distribution System Improvement Project.





Project Understanding:

- Install new 8" C900 PVC water main in open trench within Mallagh Street between Tefft Street and Dana Street.
- Connect to the existing 6" gate valve at the south side of the Tefft Street intersection
- Connect to the newly installed 6" gate valve at the Dana Street intersection
- Provide two new parallel services and meter assemblies to 197 Tefft Street and 190 Dana Street.
- Abandon in place the existing 6" ACP water main.
- Thrust restraint to be combination of thrust blocks and restraining harnesses.
- Trench backfill and pavement restoration to match the 2024 Water Distribution System Improvement Project.
- Project specifications for the 2024 Water Distribution System Improvement Project to be utilized for this design.

Scope of Services:

Task 1. Topographic Survey

We will provide a topographic survey of the project area. The survey will consist of the following:

- The survey will be based on State Plane Coordinates NAD83 and NAVD88.
- A minimum of three control points will be set on site.
- Survey all above ground features.
- Spot elevation at each intersection of a 50-foot square grid.
- Survey existing centerline monuments.

Task 2. Utility Research and Coordination

We will conduct utility research with the public and private utility providers who have existing facilities within the proposed project areas and obtain record drawings and as-built information. Potential utility conflicts and/or relocation requirements will be identified and evaluated as needed to minimize unexpected design modifications or construction delays. We will compile and review the documents for inclusion into the electronic base map to use in preliminary design and related tasks defined below.

Task 3. Preliminary Alignment Exhibit (30% Plans)

We will provide a preliminary alignment exhibit (30% design) for review and approval prior to proceeding with Final Design and drafting connection detailing. The 30% design will include sufficient information to verify that the overall design concept. The 30% preliminary design submittal will be limited to the horizontal layout of the proposed water main and will show critical connection information. We will attend a design review



meeting with the District to review and discuss the layout. We will then incorporate the District’s comments into subsequent tasks.

Task 4. Final Design (90% & Final PS&E)

We will then Proceed with Final Design (90% and Final). 90% Design is intended to be a nearly complete plan set with the opportunity for the District to provide one additional round of review and comment prior to finalizing the design. The 90% and Final design will include quantities for the purpose of presenting the design to the Contractor as a change order. The Final Design package will include one plan and profile sheet and connection details. The technical specifications from the 2024 Water Distribution System Improvement Project are to be utilized for this design. If necessary, we will attend a virtual design review meeting at the 90% design stage and incorporate the District’s comments into the Final design stage.

Additional Fee:

\$ 26,027.00

See hourly breakdown table below:

Phase / Task	PIC & QC		Principal Engineer		Design Engineer		BSA III		Inhouse Survey Lump Sum Cost	Estimated Cannon Hours	Estimated Cannon Cost
	\$290		\$240		\$160		\$130				
	Hrs	Cost	Hrs	Cost	Hrs	Cost	Hrs	Cost			
Task 1. Topographic Survey		-		-	2	320	1	130	5,362	3	\$5,812
Task 2. Utility Research and Coordination		-	4	960	16	2,560	1	130		21	\$3,650
Task 3. Preliminary Alignment Exhibit	1	290	4	960	16	2,560	0.5	65		22	\$3,875
Design Review Meeting		-	2	480	2	320	0.5	65		5	\$865
Task 4. Final Design		-		-		-		-		-	-
90% Plans and Quantities	2	580	8	1,920	36	5,760	1	130		47	\$8,390
Design Review Meeting		-	2	480	2	320	0.5	65		5	\$865
Final Plans and Quantities	2	580	2	480	8	1,280	1	130		13	\$2,470
Total Estimated Hours/Fees	5	\$1,450	22	\$5,280	82	\$13,120	6	\$715	5,362	115	\$25,927
R99 - Reimbursable											\$100
GRAND TOTAL =											\$26,027

Reimbursable expenses are included in this additional service agreement.



Authorization:

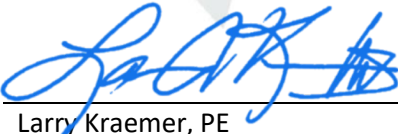
In witness whereof, the parties hereto have caused this agreement consisting of the Request for Additional Services, and the original signed proposal letter and Appendix A and any other necessary and applicable documents to be executed and effective as of the date and year first above written.

Any additions and/or corrections to this agreement will be addressed in a separate agreement.

Client: Nipomo CSD

Cannon

x _____
Peter V. Sevcik, PE
Director of Engineering and Operations
C 60411



Larry Kraemer, PE
Director, Water Resources Division
C 44813

Date: _____

Date: January 27, 2025