



NAPA SANITATION DISTRICT

WRA INC. - TASK ORDER No. 1 66-INCH TRUNK SEWER REHABILITATION PROJECT (CIP 19701)

Date: _____

Issued under Professional Services Agreement dated _____.

To: WRA Inc.

Project Description:

66-inch Trunk Sewer Rehabilitation – Habitat Mitigation Implementation and Monitoring.

Description of Scope of Services to be performed by Consultant under this Task Order:

See Attachment 'A' – Scope of Services

Description of Services to be Provided by District: See Attachment 'A' – Scope of Services

Deliverables: See Attachment 'A' – Scope of Services

Consultant Project Manager: Brian Friermuth

Consultant Quality Control Manager: Matt Richmond

Schedule to Perform Services: See Attachment 'A' – Scope of services

Time & Materials Not-to-Exceed Cost Limit: \$207,918

See Attachment 'B' – Estimated Cost

APPROVALS:

WRA INC.

By: _____
Authorized Representative

Date

NAPA SANITATION DISTRICT

By: _____
Purchasing Agent

Date

NSD Account No.: CIP 19701

Attachment A

NAPA SANITATION DISTRICT - 66-INCH TRUNK SEWER REHABILITATION PROJECT HABITAT MITIGATION IMPLEMENTATION AND MONITORING

Scope of Services

Prepared for:

Karl Ono, PE
Napa Sanitation District
1515 Soscol Ferry Road
Napa, California
94558

WRA Project No. 29148-3

April 23, 2021

PURPOSE

The purpose of this Task Order is to describe the work products and services for implementation of habitat mitigation for the Napa Sanitation District's (NapaSan; Client) Sanitary Trunk Rehabilitation Project (Project). The Project involves the temporary installation of an auxiliary pipe and subsequent removal of that pipe. The Project is required to comply with the conditions of multiple permits and compliance with these permits with respect to biological resources are described herein. Per conditions of the Project permits and supporting documents, sensitive habitats that are disturbed during the implementation of the Project and some areas beyond those disturbed are required to be restored or enhanced. As outlined in this scope of work, WRA Landscape Restoration, Inc. will provide habitat enhancement and restoration services, including invasive species removal and native species planting, project management and correspondence (as needed) with the WRA Project manager to ensure compliance with Project habitat restoration/enhancement performance criteria. WRA Inc. will perform monitoring services as required by the Project's Habitat Mitigation and Monitoring Program and will coordinate with WRA Landscape and Restoration managers as needed to make any needed changes to the implementation procedures to meet performance criteria.

WORK PRODUCTS AND SERVICES

The work products and services will include:

- Identification of a suitable restoration area (or areas) on Napa Sanitation's property, to be approved by Napa Sanitation
- Planting and invasive removal plan memo
- Removal of invasive species, as required to meet performance criteria as described in the Project's Habitat Management and Monitoring Program (HMMP)

- Restoration of areas disturbed during implementation of the Project and in the restoration area as needed; demarcation of restored areas and/or individual plants as appropriate.
- Sourcing, purchase and installation of appropriate species for restoration as required by the HMMP
- Monthly correspondence (or as needed) with the Client that will describe activities, budget status and any complications that resulted during the conduct of the work
- Project management, administration, team meetings.
- Monitoring and reporting as required by the HMMP

SCOPE OF WORK

Phase 1 Task 1: Restoration and Enhancement (of areas disturbed during the Project and restoration/enhancement of restoration areas)

It is assumed that the amount of restoration and enhancement will be approximately 3600 square feet (about 0.08 acres) and all tasks described herein are based on that assumption. If additional areas require mitigation, additional costs may be incurred and will be covered under a separate change order or the contingency task budget. Budget includes expenses associated with plants, consumable supplies, transit, equipment, and labor. Budget does not include irrigation installation, irrigation equipment or irrigation maintenance or any other materials or labor not specifically identified herein. It is possible that maintenance costs will be lower than what is described herein, and, in that case, significant cost savings may be realized.

Task 1A: Year 1, Invasive Plant Control, Summer and Fall Site Work

During the first year of restoration and enhancement (2021), WRA Landscape Restoration will assess the site and develop a strategy for implementation of the HMMP in order to meet the success criteria described therein within 5 years. As appropriate, invasive species will be removed from restoration and construction areas (if necessary) and up to 4000 container plants will be installed. Planting is assumed to occur in the fall.

Task 1B: Year 2, Invasive Plant Control, Summer and Fall Site Work

During 2022, WRA Landscape Restoration will visit the site regularly (based on site conditions, weather, etc.) to assess the condition of the restoration site and perform invasive species removal as necessary. Plants are anticipated to be hand watered up to four times. If additional watering is necessary, additional budget may be required. Typically, the second year of maintenance requires the most significant invasive species control effort and appropriate budget is included herein to address that potential.

Task 1C: Year 3, Invasive Plant Control, Summer and Fall Site Work

During 2023, WRA Landscape Restoration will visit the site regularly to assess the condition of the restoration site and perform invasive species removal as necessary. Plants are anticipated to be hand watered up to four times.

Task 1D: Year 4, Invasive Plant Control, Summer and Fall Site Work

During 2024, WRA Landscape Restoration will visit the site regularly to assess the condition of the restoration site and perform invasive species removal as necessary. Plants are anticipated to be hand watered up to four times.

Task 1E: Year 5, Invasive Plant Control, Summer and Fall Site Work

During 2025, WRA Landscape Restoration will visit the site as needed to assess the condition of the restoration site and perform invasive species removal as necessary. Plants are anticipated to be mostly established and may not need watering. In addition, invasive species presence is expected to be minimal by this time and general maintenance efforts should be reduced.

Phase 1 Task 2: Maintenance Contingency

Given the duration of the monitoring period dictated by the HMMP, it is possible that maintenance, additional invasive species removal and native plant augmentation may be required. WRA Landscape will respond to these needs, as needed, in coordination with the WRA Project manager to implement actions needed to achieve the HMMP success criteria in the timeframe described in the HMMP. This contingency task is included herein to cover these unforeseen, potential costs. Contingency will not be used without prior authorization from NapaSan. This is an estimate of potential costs and any additional budget needed to achieve success criteria will be authorized through a separate Task Order amendment.

Phase 2 Task 1: Pre-restoration Site Visits and Revegetation Monitoring and Reporting (up to 5 years)

WRA will visit areas identified by NapaSan as having potential for restoration and will provide recommendations for the development of the restoration strategy. After implementation of the restoration, WRA will monitor the success of areas restored pursuant to the Habitat Mitigation and Monitoring Plan for up to 5 years and generate annual reports describing the plantings and success of the plants each year. The reports will be provided to the Client for review prior to submission to any regulatory agencies. This task does not include plant installation, installation of irrigation, cost of plants or any maintenance costs. This estimate is based on the assumption that after five years of monitoring are completed, no additional monitoring will be needed.

SCHEDULE

Phase 1 Task 1 will be completed in 2021, during and after the completion of the Project. Phase 1 Task 2 will be completed if needed depending on the performance of restoration and enhancement conducted in 2021 and is expected to be completed no later than 2026, the final year of monitoring. Phase 2 Task 1 will be completed in 2026. No work beyond 2026 is contemplated herein.

STAFFING

Matt Richmond will be the principal in charge of the project. Rolland Mathers will be the WRA Landscape Restoration Project Manager and will coordinate with the WRA general project manager, Brian Freiermuth as necessary. They will be assisted by qualified other staff as needed.

ASSUMPTIONS

The following assumptions have been made in the preparation of this Scope of Work:

- Tasks not specifically described herein are not included in this Scope of Work.
- All information provided by the Client will be accurate and complete prior to commencement of work. Any additional work resulting from Client or Project team information (or lack of) will be performed under the optional contingency task or through a separate Task Order amendment.
- One round of text edits from the Client/Project team for the restoration plan.
- No irrigation installation is included in this scope. It is expected that plants will require a total of 20 site visits over 5 years for watering. Additional site visits for watering, if necessary, will be charged to the contingency task.
- The Client will provide at least two weeks' notice prior to the start of work.
- All costs are estimates and billing is at a time and materials basis. Materials are marked up 10%.
- Budget from tasks and subtasks billed on a time and materials basis can be combined or reallocated to tasks and subtasks billed on a time and materials basis.
- The contingency task budget can be used for any task described herein or tasks that arise during the implementation of the Project.
- Flagging and mapping of restoration areas will occur one time. Any needed additional demarcation will be performed under a Task Order amendment.
- This budget does not include costs that are incurred through vandalism or other sources of restoration failure that are not attributable to the natural, existing conditions during the initial restoration.
- No grazing animals will be on the site during the time of restoration or after.
- Notifications necessary for WRA staff to access the Project area will be performed by the Client and these will occur within 48 hours of any tasks performed by WRA.
- Any needed gate access tools or codes will be provided within 48 hours of WRA being onsite.
- WRA Landscaping Restoration Inc. will perform the tasks described under Phase 1 of this contract under a subcontract with WRA Inc. WRA Inc. will perform the tasks described under Phase 2 of this contract. WRA Landscaping Restoration Inc. and WRA Inc. will coordinate implementation of the two phases.
- WRA and WRA Landscape Restoration cannot guarantee the availability of restoration plant stock in 2021 due to the timing of initiation of this contract. If WRA is unable to secure plant stock from a nursery for the fall 2021 planting season, WRA will notify NapaSan and contact RWQCB to request postponement of planting to the next suitable planting season. Any costs associated with postponement of planting due to plant stock availability will be covered under a Task Order amendment.

ATTACHMENT B

ESTIMATED COST

The estimated cost for these services is provided below. This cost is based on assumptions provided in the Scope of Work. The estimated cost is subject to change based on specific conditions that arise during the conduct of this work.

Phase 1 Tasks	Budget
1. Restoration and Enhancement	\$178,458
2. Maintenance Contingency	\$12,930
Total	\$191,388

Phase 2 Tasks	Budget
1. Pre-restoration Site Visits, Revegetation Monitoring and Reporting, up to 5 years	\$16,530
Total	\$16,530

The total authorized amount for both phase 1 and phase 2 tasks is **\$207,918.00**