

**HIGHLINE WATER DISTRICT
King County, Washington**

RESOLUTION 23-8-22A

**RESOLUTION AUTHORIZING AMENDMENT #4 TO CONTRACT #21-60-07
WITH EVERGREEN COATING ENGINEERS, LLC FOR TASKS 1 THROUGH 4 FOR
PROJECT 21-3 MANSION HILL 2.5 MG RESERVOIR IMPROVEMENT PROJECT**

WHEREAS, by passage of Resolution 23-3-17B, the Board of Commissioners authorized Contract #21-60-07 for professional consulting services relating to Project 21-3 Mansion Hill 2.5 MG Reservoir Improvement Project; and,

WHEREAS, Evergreen Coating Engineers, LLC., submitted their Scope of Work for construction management services, Tasks 1 through 4:

- Task 1 Construction Management
- Task 2 Respond to Submittals, RFI's, and Change Orders
- Task 3 Inspection
- Task 4 Construction and Record Drawings

WHEREAS, the General Manager and District Engineer have reviewed the Scope of Services, submitted by Evergreen Coating Engineers, LLC and recommend approval of this resolution (Exhibit A and B attached and incorporated herein by this reference).

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Commissioners approves Amendment #4 to Contract #21-60-07 with Evergreen Coating Engineers, LLC., for a not-to-exceed amount of \$199,445 (referenced as **Exhibit A** and incorporated herein).
2. The General Manager or designee is authorized to execute Amendment #4 for Tasks 1 through 4 as referenced above.
3. The General Manager and/or the District's legal counsel are authorized to make minor changes to Amendment #4 if required.

HIGHLINE WATER DISTRICT King County, Washington

RESOLUTION 23-8-22A

ADOPTED BY THE BOARD OF COMMISSIONERS of Highline Water District, King County, Washington, at an open public meeting held on this **22nd** day of **August 2023**.

BOARD OF COMMISSIONERS

DocuSigned by:
Daniel Johnson
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Daniel Johnson, President

DocuSigned by:
Polly Daigle
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Polly Daigle, Commissioner

DocuSigned by:
Vince Koester
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Vince Koester, Commissioner

DocuSigned by:
Kathleen Quong-Vermeire
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Kathleen Quong-Vermeire, Secretary

DocuSigned by:
Todd Fultz
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Todd Fultz, Commissioner

EXHIBIT A

SCOPE OF WORK

Evergreen Coating Engineers, LLC
Mansion Hill 2.5 MG Reservoir Rehabilitation
Contract Amendment #4:
Construction Management Services

Project Understanding

The Highline Water District's (District) Mansion Hill 2.5 MG Reservoir Rehabilitation Project (Project) consists of seal welding, making structural improvements to, and recoating the existing tank. This Contract Amendment provides for Construction Management services including construction administration, construction management, coating inspection, and record drawing production.

Scope of Work

Task 1 – Construction Management

Evergreen Coating Engineers (ECE) will provide construction management of the Project and work with subconsultants to oversee the work. ECE will provide the following services:

1. Manage the budget and schedule of the project.
2. Provide monthly status updates and invoices.
3. Provide pay estimate quantities to the District.
4. Coordinate preconstruction and painters preconstruction meetings.
5. Coordinate monthly construction meetings. Ten (10) meetings are assumed.
6. Coordinate with the subconsultants, Custom Coating Consultants (CCC) and Gray & Osborne (G&O).

Deliverables:

- Monthly invoices and monthly status reports.
- Pay estimate quantities.
- Meeting agenda and minutes.

Assumptions:

- The Notice of Completion of Public Works Contract will be completed by others. This scope includes services from Award of the Project through completion of the Project. This scope of work is expected to be approximately 11 months.

Task 2 – Respond to Submittals, RFI's, and Change Orders

This task will be led by ECE, with structural and electrical engineering support from G&O. This task includes conducting up to eight site visits to resolve requests for information (RFI's) and Change Orders.

This phase is anticipated to include the following work:

- Track, review, and respond to all construction submittals in conformance with the Plans and

Specifications. All submittals are assumed to be approved on the following submittal (maximum of two reviews per submittal). A submittal log will be maintained in Excel for tracking.

- Review and respond to RFI's or clarifications requested by the Contractor. Assume eight.
- Review and respond to Change Order requests by the Contractor. Assist the District in preparing and responding to Change Orders. Assume four.

Deliverables:

- Submittal tracking spreadsheet.

Assumptions:

- As noted above.

Task 3 – Inspection

Provide inspection of the structural improvements by a licensed structural engineer. Provide inspection of the coating surface preparation and application by a NACE Certified Level 3 Inspector.

1. Inspection of structural and electrical improvements by G&O. Assume five site visits.
2. Review G&O's inspection reports.
3. Full time inspection is assumed by Custom Coating Consultants (CCC) for conformance with the specifications for surface preparation, coating application, and coating curing. Assume twenty (20) weeks at 40-hour standard work weeks. Overtime due to contractor work schedule shall be billed at 1.5x inspector contracted hourly rate and subconsultant markup.
4. ECE to review daily coating inspection reports provided by CCC.
5. Construction site visits and inspection by ECE to monitor progress by the contractor and verify conformance with the plans and specifications. Twenty-five (25) site visits are assumed.
6. Perform substantial completion and physical completion walk-throughs with District and Contractor. Perform final walk-through to verify physical completion items have been addressed. Provide written letter with list of correction items for each walk-through. Assume three site visits.

Deliverables:

- Daily inspection reports from each inspector site visit.
- Substantial and Physical Completion letters.

Assumptions:

- As noted above.

Task 4 – Construction Record Drawings

Prepare construction record drawings (CRDs) and submit electronic draft and mylar final CRDs to the District.

1. Draft CRDs will be provided electronically and printable at 11x17 or 22x34 scales.
2. Draft review comments will be incorporated into the final CRDs. Final CRDs will be plotted on 22x34 mylar plan sheets, stamped, and signed by a licensed engineer.

EXHIBIT "B"
ENGINEERING SERVICES
SCOPE AND ESTIMATED COST

Highline Water District
Mansion Hill 2.5 MG Reservoir Rehabilitation Project
Contract Amendment No. 4
Construction Management Services

Mansion Hill 2.5 MG - Construction Management		ECE Hours
Task 1	Construction Management	150
Task 2	Respond to Submittals, RFI's, and Change Orders	80
Task 3	Inspection	160
Task 4	Construction Record Drawings	8
Hour Estimate:		398
Fully Burdened Billing Rate: Principal Engineer		\$185
Fully Burdened Labor Cost:		\$73,630

Expenses

Mileage & Expenses (Mileage @ current IRS rate)	\$	728
Subconsultants		
Custom Coating Consultants	\$	88,000
Gray & Osborne, Inc - Construction Management	\$	31,130
Subconsultant Markup @ 5%	\$	5,957

TOTAL ESTIMATED COST:**\$199,445**