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May 22, 2025

Russel Vilorio, Project Manager

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS, SPECIAL DISTRICTS

222 W. Hospitality Lane, 2nd Floor
San Bernardino, CA 92415

RE: Request for Contract Amendment No. 1 – CSA 70 J Oak Hills – Site 3A Reservoir Site Expansion Project (Contract No. 24-657)

Dear Mr. Vilorio:

At your request, Albert A. Webb (WEBB) Associates submits this request for contract amendment for additional services not included in the original scope of work. The proposed scope of work includes the design of a detention basin for mitigation of the on-site run-off and temporary storage of water from when the tanks are drained. The information presented in the preliminary design documents for the detention basin indicated the basin would be used to capture water from the tanks when drained and mitigation of the on-site run-off. Information or clarifications for off-site run-off were not included. WEBB's evaluation of the existing onsite and offsite conditions, our findings show that the proposed basin will not have sufficient capacity to store any off-site run-off and must be mitigated by other means.

Below is a summary of the efforts that were required to address the design of elements previously not anticipated due to insufficient information at the time of the proposal and scoping. The scope of the additional efforts is summarized below for your review.

Project Management and Coordination **\$440.00**

- Additional team coordination to review existing conditions and findings, evaluate mitigation options and develop additional design documents for the project.

Hydrology Evaluation **\$9,420.00**

- Research and evaluate the topography outside Site 3A existing limits and the proposed project site. Use available topography information to define the project site's watershed boundary for hydrology evaluation.
- Perform a hydrology and evaluation for the off-site runoff using the San Bernardino County Hydrology Manual to establish off-site flows entering the existing and proposed sites during the 2-yr, 5-yr, 10-yr, 25-yr, and 100-yr storm events for existing conditions and proposed conditions.

- Summarize and present the findings of the evaluation to San Bernardino County Special Districts, along with the proposed mitigation approach for the design based on the hydrology evaluation.

Protection and Runoff Mitigation of Existing Maintenance Road

\$12,190.00

- Develop a design to provide mitigation measures to protect the existing maintenance road along the northwest side of the project site within the existing 15-foot waterline easement (Inst No. 2002-0560895 O.R.). The existing maintenance road has severe erosion, which could impede the proposed detention basin and cause failure if not mitigated. The WEBB team reviewed the existing conditions and the existing run-off that would enter the proposed detention basin area and provided a design to stabilize the slope and isolate the off-site run-off to protect the proposed basin improvements.
- Develop design plans, details, and specifications for the slope protection mitigation measures along the existing maintenance road.

Design to Mitigate Offsite Runoff Flows

\$12,030.00

- Based on the findings of the hydraulic evaluation and determined flows from the off-site run-off for the 2-yr, 5-yr, 10-yr, 25-yr, and 100-yr storm events, a storm drain system was designed to capture off-site flows and discharge them downstream of the proposed detention basin and berm.
- Develop design plans, details, and specifications for the off-site storm drain, inlet grate, apron, and v-ditch to capture and guide flows to the storm drain, and grading modifications.
- Design a check dam downstream of the discharge point to control flow, dissipate energy from the stream, and mitigate flows to the property downstream of the project site.

Reallocation of Task C.6 fee to Cover Portion of Tasks Above

- \$34,080

We believe Task C.6 will not be required as a part of the project at this point.

The total additional amount requested for these out-of-scope services is **\$0.00**. The total project amount of \$472,255 shall not be exceeded without prior authorization and will continue to be billed in accordance with the executed agreement dated August 23, 2024. If you find this proposal acceptable, please sign the space provided below and return it to our office. We appreciate this opportunity to continue to serve you and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

ALBERT A. WEBB ASSOCIATES



Ricardo Perez, PE
Senior Engineer



Siming Zhang, PE
Senior Engineer

REVISED SCOPE & FEE ACCEPTED BY:
San Bernardino County Public Works
Special Districts Department

05.27.2025

Signature

Date

Russel Vilorio, Project Manager

Print Name & Title

Copy: Bruce Davis, WEBB; Noel Modragon, SBCSDD

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December 04, 2025

Russel Viloria, Project Manager

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS, SPECIAL DISTRICTS

222 W. Hospitality Lane, 2nd Floor
San Bernardino, CA 92415

RE: Request for Contract Amendment No. 2 – CSA 70 J Oak Hills – Site 3A Reservoir Site Expansion Project (Contract No. 24-657)

Dear Mr. Viloria:

At your request, Albert A. Webb (WEBB) Associates submits this request with additional supporting information for a contract amendment related to additional efforts not included in the original scope of work and in Contract Amendment 1.

The additional scope of work includes an additional field visit and coordination with SBCSDD to obtain access to and make field measurements of the existing valve vault, design for the modifications to the existing vault and existing piping configuration, design for the restoration of the existing maintenance road including addition of a retaining wall, evaluation and design of a new 24-inch diameter culvert, inlet and headwall structures, addition of alarm sensors and switches for the existing tanks and existing vault.

Below you will find a summary of the efforts included with the improvements listed above which were not previously included in the proposal and scoping of the project and previously approved amendments. The scope of the additional efforts is summarized below for your review.

C.1 - Project Management and Coordination **\$2,725.00**

- Project management and coordination with SBCSDD to confirm existing improvements for valve vault and with design team for the proposed updates to the design documents
- Site Visit to measure existing vault, investigate existing maintenance road conditions and erosion, investigate SCADA Panel, and discuss SCADA and new equipment configuration with County staff,
- Additional team coordination to review field visit notes and findings, evaluate options for improving maintenance road, existing vault and piping, and mitigation options, and coordination with subconsultants to integrate improvements into current design documents.

C.2 - Structural and Civile Engineering Plans and Specs

\$18,515.00

- Updates to the limits of demolition, details and notes to include the modifications to the existing vault, access road, existing eroded area within access road,
- Evaluation and hydrology analysis of the offsite run-off and flows from the north side of the access road for 2-yr, 5-yr, 10-yr, 25-yr, 100-yr storm events and develop the design (plan and profile) of a new 24" storm drain, inlet and headwall structures, and riprap pads to capture off-site run off from the north side of the maintenance road,
- Add design for the restoration of the existing access road, including design of retaining walls on north side to maintain constant width of the maintenance road, grading as needed to match existing surface on both sides of the road,
- Modify the design of the training berm and grading to accommodate improvements to the maintenance road along easement,
- Develop details and construction notes for the modifications to the existing vault piping configuration and access/cover,
- Add alarm sensors to existing tanks, existing vault access hatch, develop PI&D and existing conduit schedule for the existing equipment using field obtained measurements and data from site visit and through coordination with SBCSDD,
- Add design and details for conduits and antenna mast to go on top of the proposed tank with and within the proposed safety railing limits,
- Update specifications and construction costs estimates to included added demolition and modifications of the existing vault and piping.

The total amount requested for these out-of-scope services is **\$21,240** not to be exceeded without prior authorization, and to be billed in accordance with the executed agreement dated August 23, 2024. If you find this proposal acceptable, please sign the space provided below and return it to our office. We appreciate this opportunity to continue to serve you and look forward to hearing from you. If you have any questions regarding this proposal, please contact us at 951-686-1070.

Sincerely,

ALBERT A. WEBB ASSOCIATES



Ricardo Perez, PE
Senior Engineer

REVISED SCOPE & FEE ACCEPTED BY:
San Bernardino County Public Works
Special Districts Department

Signature

Date

Russel Vilorio, Project Manager

Print Name & Title

Copy: Bruce Davis, WEBB; Noel Modragon, SBCSDD