

# ***San Geronio Pass Water Agency***

**DATE:** August 7, 2023  
**TO:** Board of Directors  
**FROM:** Lance Eckhart, General Manager  
**BY:** Emmet Campbell, Sr. Water Resources Planner  
**SUBJECT: PROCUREMENT POLICY REQUIRED NOTIFICATION AND REQUEST FOR APPROVAL**

## **RECOMMENDATION**

Approve contract extension of \$24,810 with Albert A. Webb and Associate for the Backbone Pipeline Feasibility Study.

## **PREVIOUS CONSIDERATION**

- Board of Directors – January 23, 2023: Board of Directors approved a motion to approve Change Order #1 to complete additional consulting services by Albert A. Webb and Associates related to the Backbone Water System Feasibility Study.
- Board Workshop – January 17, 2023: Board of Directors reviewed proposed Change Order #1 to complete additional consulting services by Albert A. Webb and Associates related to the Backbone Water System Feasibility Study.
- Board of Directors – November 8, 2021: Board of Directors approved a contract award to Albert A. Webb and Associates for the Backbone Water System Feasibility Study
- Board of Directors – June 21, 2021: Board of Directors adopted the Fiscal Year 2021-22 General Fund budget, including funds for Backbone Pipeline planning work
- Board of Directors – Various: The Agency has been performing multiple planning-level tasks on the Backbone Pipeline project since the 2000s

## **BACKGROUND**

On November 8, 2021, the Board authorized a Contract with Albert A. Webb and Associates to conduct a study regarding the feasibility of constructing a pipeline and associated recharge facilities. This effort has been ongoing, with much work being done on various pipeline alignments with associated recharge facilities.

As the project progressed, additional efforts were identified that would be beneficial to the Agency. A change order was approved on January 23, 2023, to reflect these efforts. As the project has come to close, additional items of value to the Agency were identified. These efforts include:

1. Alternate I-10 bypass alignments to Cabazon
2. Environmental Constraints Analysis for the Cherry Valley Pump Station Bypass and cursory cost estimation for upsizing the Cherry Valley Pump Station
3. Backbone Pipeline alignment review along Lincoln Street
4. Additional meetings

## **ANALYSIS**

As the project progressed, staff requested additional information on all the above efforts. These efforts resulted in a more detailed analysis of the original scope items and greater than anticipated coordination/meetings with Agency staff, staff from Riverside County, the City of Banning, and consultants involved with the San Gorgonio Pass Groundwater Sustainability Plan.

The additional work on the study resulted in better regional collaboration, likely reduction in future project conflicts, identification of opportunities for project efficiency, and an overall stronger analysis of options. Staff is satisfied with the product and believes the change order is consistent with the requested additional efforts and is reasonable.

## **FISCAL IMPACT**

The original Feasibility Study was approved on a time and materials basis, not to exceed \$186,000. Change Order #1 added \$22,070 to the contract. Change Order #2 would add \$24,810 to the contract, bringing the total contract to \$232,880.

The General Fund Budget included this item under Consulting and Engineering Services 'Backbone Infrastructure Study and Design' (row 66). Part of the contract was paid in FY 2021-22, \$42,402. In FY 2022-23, \$165,617 has been expended as of June 30, 2023. The FY2023-24 budget allocates \$150,000 for this project and other items related to the Backbone Pipeline project.

## **ACTION**

Approve contract extension of \$24,810 with Albert A. Webb and Associate for the Backbone Pipeline Feasibility Study.

## **ATTACHMENT**

San Gorgonio Pass Water Agency (SGPWA) Backbone Water System Feasibility Study Authorization Request for Additional Efforts

**Corporate Headquarters**  
3788 McCray Street  
Riverside, CA 92506  
951.686.1070

July 5, 2023

**Murrieta Office**  
41870 Kalmia Street #160  
Murrieta, CA 92562  
T: 951.686.1070

Lance Eckhart, PG, CHG  
General Manager/Chief Hydrogeologist  
**SAN GORGONIO PASS WATER AGENCY**  
1210 Beaumont Avenue  
Beaumont, CA 92223

RE: San Gorgonio Pass Water Agency (SGPWA)  
Backbone Water System Feasibility Study  
Authorization Request for Additional Efforts

Dear Mr. Eckhart:

WEBB is under contract with SGPWA for the Backbone Water Systems Feasibility Study, however, upon completion of various milestone tasks and meetings with key stake holders, the project required efforts beyond the original anticipated scope and assumptions. As a result of the changes in the Scope of Work, an additional budget authorization is requested to address the following:

- Interstate 10 Bypass Riverside County Road Alignment
- Environmental Constraints Analysis for a Bypass Pipeline off the East Branch Extension at Danny Thomas and Cursory Cost Estimate for Upsizing the Cherry Valley Pump Station
- Backbone Pipeline Alignment Review along 10 Freeway
- Additional Meetings

**Item 1 – Interstate 10 Bypass**

Pursuant to our budget amendment authorization, WEBB performed the review and evaluation of the Backbone alignment from the City of Banning to the Cabazon Water District in anticipation for participation with Riverside County Interstate 10 Bypass. However, upon meeting with Riverside County to discuss potential SGPWA participation, right-of-way concerns were identified. Additional efforts include (a) hydraulic and condensed profile evaluation; and (b) environmental constraints evaluation.

Item 2 - Environmental Constraints Analysis for a Bypass Pipeline off the East Branch Extension at Danny Thomas and Pump Station Upsizing Cost

Pursuant to our budget amendment authorization, WEBB evaluated the Bypass Pipeline alignment from the Danny Thomas Ranch Park (off the East Branch Extension (EBX) Pipeline (54-inch diameter) upstream of the Cherry Valley Pump Station) for alignment and hydraulic only. An environmental review was performed due to concerns of the alignment within unimproved areas and within a main traveled way (Cherry Valley Boulevard). Due to the potential cost of the added alignment, WEBB also reviewed the potential cost of upsizing the Cherry Valley Pump Station to compare. Additional efforts include: (a) environmental constraints evaluation; and (b) preliminary cost estimate to upsize the Cherry Valley Pump Station.

Task 3 - Backbone Pipeline Alignment Review south of Interstate 10 Freeway along Lincoln Street

WEBB's evaluation of the Backbone Pipeline Alignment was based on two main corridors for the east-west portion of the pipeline. Based on a meeting with the City of Banning and SGPWA staff, an additional east-west alignment was requested for review. Additional efforts include: (a) hydraulic and condensed profile evaluation; (b) utility review; (c) corridor analysis; (d) street width.

Task 4 – Additional Meetings

WEBB was authorized to conduct eight (8) meetings, however over the course of the project WEBB participated in a total of twelve (12) meetings with SGPWA. Additional efforts includes: Additional four (4) meetings.

The following breakdown is the proposed cost summary of additional items outlined in this request:

<u>Tasks</u>	<u>Budget</u>
Task 1 – Interstate 10 Bypass	\$ 8,190
Task 2 – Bypass Pipeline Environmental and Pump Station Upsizing Cost Estimate	\$ 5,850
Task 3 – Backbone Alignment	\$ 5,800
<u>Task 4 – Additional Meetings</u>	<u>\$ 4,970</u>
<b>TOTAL</b>	<b>\$24,810</b>

Therefore, we are requesting authorization for the additional amount of \$24,810. If you concur, please sign below and return to our office.



Lance Eckhart, PG, CHG  
**SAN GORGONIO PASS WATER AGENCY**  
July 5, 2023  
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We appreciate this opportunity to be of service to the Agency and look forward to providing these services. If you have any questions or wish to meet to discuss any of the items herein, please contact me at (951) 686-1070.

Sincerely,  
**ALBERT A. WEBB ASSOCIATES**



Sam I. Gershon, R.C.E.  
Senior Vice President

Accepted by:  
**SAN GORGONIO PASS WATER AGENCY**

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Lance Eckhart, PG, CHG  
General Manager/Chief Hydrogeologist

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Date

Enclosures:  
Attachment A – Manhour Fee Estimate  
Attachment B – WEBB 2020 Fee Schedule

# **Attachment A - Manhour Fee Estimate**



**Backbone Water System Feasibility Study  
San Geronio Pass Water Agency**

Item	Description	Sam Gershon	Sinnaro Yos	Aufumnn DeWoody	Noemi Avila	Chandler Drachsln	Total Hours	Subtotal - Labor
Task 1 - Interstate 10 Bypass		4	12	10	6	8	40	\$ 8,190
Task 2 - Bypass Pipeline Environmental & Pump Station Upsizing Cost Estimate		4	8	10	6		28	\$ 5,850
Task 3 - Backbone Alignment through Banning		4	12			10	26	\$ 5,800
Task 4 - Additional Meetings		7	12				19	\$ 4,970
<b>Total</b>		<b>19</b>	<b>44</b>	<b>20</b>	<b>12</b>	<b>18</b>	<b>113</b>	<b>\$24,810</b>

1. Rounded to the nearest \$1.

**Attachment B – WEBB 2020 Fee Schedule**



## Fee Schedule

### CLASSIFICATION

<u>Engineers/Project Managers/Planners/Scientists/ Assessment/Special Tax Consultants/Landscape Architects/Designers</u>	<u>Rates \$/Hour</u>
Principal II.....	290.00
Principal I .....	275.00
Senior III .....	245.00
Senior II .....	235.00
Senior I .....	225.00
Associate III .....	210.00
Associate II .....	195.00
Associate I .....	185.00
Assistant V .....	170.00
Assistant IV .....	155.00
Assistant III .....	140.00
Assistant II .....	130.00
Assistant I .....	95.00

### Survey Services

2-Person Survey Party .....	291.00
1-Person Survey Party .....	201.00

### Inspection Services

Construction Manager.....	245.00
Inspector (Non-Prevailing Wage) .....	136.00
Inspector Overtime (Non-Prevailing Wage) .....	185.00
Inspector (Prevailing Wage) .....	147.00
Inspector Overtime (Prevailing Wage).....	195.00

### Administrative Services

Project Coordinator .....	110.00
Administrative Assistant III .....	99.00
Administrative Assistant II .....	88.00
Administrative Assistant I .....	70.00

### Other Direct Expenses

Incidental Charges .....	Cost + 15%
Postage .....	Cost
Subcontracted Services .....	Cost + 15%
Special Consultant.....	355.00
Survey/Inspection Per Diem.....	Prevailing Wage Rate
In-House Delivery Up to 1/2 hour.....	31.00
In-House Delivery 1/2 Hour up to 1 Hour.....	62.00
In-House Delivery Over 1 Hour up to 2 Hours .....	114.00
In-House Delivery Over 2 Hours .....	165.00
Survey/Inspection Vehicle .....	0.81/Mile
Mileage .....	0.72/Mile

Note: All rates are subject to change based on annual inflation and cost of living adjustments. Prevailing wages are dictated by the California Department of Industrial Relations (DIR). As such, the indicated rate will remain in effect until revised rates are published by the DIR. The rate shown shall be subject to renegotiation to remain in compliance with State requirements if prevailing wages are increased by the DIR.

\* A FINANCE CHARGE of 1 ½ % per month (18% per year) will be added to any unpaid amount commencing thirty (30) days from invoice date. A mechanic's lien may be filed for any invoice remaining unpaid after thirty (30) days from invoice date.