

DATA REQUEST RESPONSE
Bear Valley Electric Service, Inc.
Wildfire Mitigation Plan

Response provided by: Paul Marconi
Title: President, Treasurer & Secretary
Data Request Number: RyanArba_2021_04_28
Date Received: April 28, 2021
Date Due: May 3, 2021
Date Provided: May 3, 2021

From Ryan Arba (Wildfire Safety Division) email to BVES dated April 28, 2021. The following questions relate to BVES’s Wildfire Mitigation Plan 2021.

The table below summarizes BVES’s covered conductor installation for the 2020 WMP cycle.

Covered Conductor Summary Table*

Year	Total Spend	Total Miles Treated	Cost per Mile
2020 (Actual)	\$3,057,088	22.5 miles	\$135,870.58
2021 (Planned)	\$5,438,095	38.7 miles	\$140,519.25
2022 (Planned)	\$5,438,095	38.7 miles	\$140,519.25
2020-2022 Cycle	\$13,933,278	99.9 miles	\$139,472.25

***All inputs are from Table 12 of BVES’s 2021 WMP Update.**

BVES’s average covered conductor installation cost per mile for the 2020-2022 WMP cycle is approximately \$139k per mile, which is the lowest of all IOUs and SMJUs. BVES must provide the following:

- 1. Fill in the table below to breakdown the cost per mile into the following components by percentages. If needed, an “Other” component can be added with a detailed description.**

Response:

Design, estimating, and permitting*	Materials	Construction Labor	Project Management
2.8%	23.4%	62.7%	11.1%

*Reflects contracted services.

2. In a table format, further breakdown: 1) the “design, estimating, and permitting” component into respective percentages, 2) the “materials” component into individual items, including estimated unit amounts per item (e.g. x number of item) as well as individual unit costs by dollar values (e.g. y dollars per item), 3) the "construction labor" component into labor types by respective percentages, including a definition of labor type being performed and intended parties performing the labor type, and 4) the “other” component as granularly as feasible, if applicable

Response:

Categories		Cost Breakdown	Comments
Design, Estimating & Permitting		N/A	BVES is unable to break this cost down further. When these activities are performed by the Engineering & Planning Group, the cost is part of the project overhead charge, which is a flat percentage charge to the project. Currently, the overhead rate is 3.8%. When these activities are performed by contracted services, these items are billed under the same activity. Most of the design, estimating & permitting for the covered wire work was performed by contracted services. To date, no permits were necessary.
Materials	Poles	Average cost per pole is \$2,436.	Estimate replacing 8-10 poles per circuit mile.
	Covered Wire	Average cost per linear foot is \$2.87.	
	Other material	Average cost per circuit mile is \$32,016.43	
Construction Labor		N/A	All construction labor was performed by IBEW Union Line Crews. There is no further breakdown of labor categories.

Project Management	N/A	Project Management activities are captured in BVES's overhead charge, which includes all activities associated with managing the project. The overhead is a flat percentage charge to the project. Currently, the overhead rate is 3.8% of the project cost. BVES is unable to break this cost down further.
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