Cost Estimates for Coburg's Water Projects

December 2022

Phase	Project ID	Project	Business Oregon Category	Construction Actual	Construction Projection	Engineering, Survey & Inspection Actual	Engineering, Survey & Inspection Projection	Contingency 25%	Actual Total Project Cost	Projected Total Project Cost	Total Project	Inflation @ 10% Per Year	Total Master Plan Budget	Year of Completion
18-004a		*Water Project Management*				$ 56,375.00			$ 56,375.00		$ 56,375.00			
20-004g		*Original Reservior Planning*				$ 110,677.00			$ 110,677.00		$ 110,677.00			
1	**1A**	Van Duyn Waterline	Transmission & Distribution	$ 426,792.22		$ 38,756.00			$ 465,548.22		$ 465,548.22		$ 93,175.00	2019
	1B	I-5 Bore West to East	I-5 Bore South	$ 279,949.05		$ 125,163.00			$ 405,112.05		$ 405,112.05		$ 729,810.00	2020
	1C	I-5 Bore Connection at Roberts Rd.	Transmission & Distribution	$ 82,550.99		$ 50,072.00			$ 132,622.99		$ 132,622.99			2022
	1D	East Thomas Street Waterline	Transmission & Distribution	$ 138,625.38		$ 38,476.00			$ 177,101.38		$ 177,101.38		$ 48,870.00	2022
	1E	East McKenzie Street Waterline	Transmission & Distribution	$ 57,732.00		$ 8,659.80			$ 66,391.80		$ 66,391.80			2022
	1F	North/South Coleman Street Waterline	Transmission & Distribution	$ 637,554.00		$ 66,188.00	$ 31,877.70	$ 35,187.10*	$ 703,742.00	$ 67,064.80	$ 770,806.80		$ 140,840.00	2023
Phase 1 Project Total				**$ 1,623,203.64**	$ -	**$ 494,366.80**	**$ 31,877.70**	**$ 35,187.10**	**$ 2,117,570.44**	**$ 67,064.80**	**$ 2,184,635.24**	$ -	$ 1,012,695.00	

**Contingency at 5%*

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2	**2A**	Well Property Purchase 91430 Stallings Lane	Well Development	$ 512,500.00					$ 512,500.00		$ 512,500.00		$ 270,000.00	2022
	2B	Well Access Road & Proteciton Pad	Well Development	$ 49,750.00		$ 7,462.50	$ -		$ 57,212.50	$ -	$ 57,212.50	$ -	$ 303,750.00	2023
	2C	Production Well	Well Development		$ 707,995.75	$ 91,872.50	$ 141,599.15	$ 235,366.85	$ 91,872.50	$ 1,084,961.75	$ 1,176,834.25	$ 1,193,457.93	$ 303,750.00	2023
	2D	Well House	Well Development		$ 55,416.00		$ 11,083.20	$ 16,624.80	$ -	$ 83,124.00	$ 83,124.00	$ 91,436.40	$ 405,000.00	2023
	2E	SCADA Control	SCADA Control		$ 228,500.00		$ 132,500.00	$ 90,250.00	$ -	$ 451,250.00	$ 451,250.00	$ 546,012.50		2023-2024
	2F	Stallings Lane Waterline	Transmission & Distribution		$ 834,386.85	$ 50,245.00	$ 166,877.37	$ 262,877.31	$ 50,245.00	$ 1,264,141.53	$ 1,314,386.53	$ 1,529,611.25		2023-2024
Stallings Lane Project Total				**$ 562,250.00**	**$ 1,826,298.60**	**$ 149,580.00**	**$ 452,059.72**	**$ 605,118.96**	**$ 711,830.00**	**$ 2,883,477.28**	**$ 3,595,307.28**	**$ 3,360,518.07**	**$ 1,282,500.00**	

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3		SCADA Control Upgrade	SCADA Control Upgrade		$ 48,500.00		$ 105,000.00	$ 12,125.00	$ -	$ 165,625.00	$ 165,625.00	$ 220,446.88	$ 236,250.00	2024-2025
	3A	Wells 1 & 2 Rehab	Well Development		$ 225,000.00		$ 45,000.00	$ 67,500.00	$ -	$ 337,500.00	$ 337,500.00	$ 408,375.00	$ 83,700.00	2023-2024
	3B	Harrision & Macy Street Waterline	Transmission & Distribution		$ 296,484.00	$ 40,046.00	$ 59,296.80	$ 98,956.70	$ 40,046.00	$ 454,737.50	$ 494,783.50	$ 500,211.25	$ 108,168.75	2023
	3C	Coburg Industrial Way Waterline	Transmission & Distribution		$ 169,600.75	$ 13,887.00	$ 33,920.15	$ 54,351.98	$ 13,887.00	$ 257,872.88	$ 271,759.88	$ 283,660.16	$ 105,435.00	2023
	3D	East Transmission (Developer)	Transmission & Distribution		$ 530,857.80		$ 106,171.56	$ 159,257.34	$ -	$ 796,286.70**	$ 798,286.70	$ 963,506.91		2023-2024
	3E	Transmission Connection N Loop (City)	Transmission & Distribution		$ 930,568.10		$ 186,113.62	$ 279,170.43	$ -	$ 1,395,852.15	$ 1,395,852.15	$ 1,688,981.10	$ 543,915.00	2023-2024
Phase 2 Project Total				**$ -**	**$ 2,152,510.65**	**$ 53,933.00**	**$ 430,502.13**	**$ 659,236.45**	**$ 53,933.00**	**$ 2,445,962.53**	**$ 3,298,182.23**	**$ 3,844,734.42**	**$ 841,218.75**	

*** Includes Developer Portion*

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4	**4A**	East Delaney Waterline	Transmission & Distribution		$ 476,207.33		$ 95,241.47	$ 142,862.20	$ -	$ 714,310.99	$ 714,310.99	$ 950,747.92	$ 194,845.50	2024/2025
	4B	East Dixon Waterline Phase 1	Transmission & Distribution		$ 184,346.80	$ 27,337.00	$ 36,869.36	$ 62,138.29	$ 27,337.00	$ 283,354.45	$ 310,691.45	$ 377,144.77		2025
	4C	East Dixon Waterline Phase 2	Transmission & Distribution		$ 143,815.38		$ 28,763.08	$ 43,144.61	$ -	$ 215,723.06	$ 215,723.06	$ 287,127.40	$ 104,658.75	2025
	4D	I-5 Bore East to West	I-5 Bore North		$ 389,984.10		$ 77,996.82	$ 116,995.23	$ -	$ 584,976.15	$ 584,976.15	$ 584,976.15	$ 588,667.50	2025
	4E	Christian Way Waterline	Transmission & Distribution		$ 97,903.85		$ 19,580.77	$ 29,371.16	$ -	$ 146,855.78	$ 146,855.78	$ 195,465.04	$ 55,080.00	2025
	4F	Vintage Way Waterline	Transmission & Distribution		$ 441,126.95		$ 88,225.39	$ 132,338.09	$ -	$ 661,690.43	$ 661,690.43	$ 661,690.43	$ 314,651.25	2025
	4D	East Maple Street Waterline	Transmission & Distribution		$ 148,766.48		$ 29,753.30	$ 44,629.94	$ -	$ 223,149.71	$ 223,149.71	$ 297,012.27	$ 72,292.50	2025
Phase 3 Project Total				**$ -**	**$ 1,882,150.88**	**$ 27,337.00**	**$ 376,430.18**	**$ 571,479.51**	**$ 27,337.00**	**$ 2,830,060.56**	**$ 2,857,397.56**	**$ 3,354,163.97**	**$ 1,330,195.50**	

PROJECT TOTAL				**$ 2,185,453.64**	**$ 5,860,960.13**	**$ 725,216.80**	**$ 1,290,869.73**	**$ 1,871,022.01**	**$ 2,910,670.44**	**$ 8,226,565.16**	**$ 11,935,522.30**	**$ 10,559,416.46**	**$ 4,466,609.25**	

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750,000 Gallon Elevated Reservior	Reservior Development		$ 5,400,000.00		$ 1,000,000.00	$ 1,600,000.00		$ 8,000,000.00	$ 8,000,000.00		$ 839,970.00	TBD
Tank Rehabilitation	Reservior Development		$ 1,500,000.00	$ 32,343.00	$ 300,000.00	$ 383,085.75	$ 32,343.00	$ 2,183,085.75	$ 2,215,428.75		$ 998,325.00	TBD
TOTAL		$ -	**$ 6,900,000.00**	**$ 32,343.00**	**$ 1,300,000.00**	**$ 1,983,085.75**	**$ 32,343.00**	**$ 10,183,085.75**	**$ 10,215,428.75**		**$ 1,838,295.00**	