

# City of Renton

Dear Grant Administrator:

The City of Renton appreciates the inclusion of the Burnett and Williams Water Quality Retrofit Project (application number WQC-2023-Renton-00022) in the Fiscal Year 2023 draft Water Quality Funding Offer List and Intended Use Plan announced January 21, 2022. The City of Renton applied for grant funding to support the construction of the Burnett and Williams Water Quality retrofit Project, currently under design and partially funded by grant WQC-2020-Renton-00214.

The City of Renton Burnett and Williams Water Quality Retrofit Project has progressed and refined the design since the submission for the Water Quality Combined Financial Assistance funding program application in October 2021. The City of Renton has determined it is feasible to treat more area than previously anticipated, requiring larger water quality treatment facilities and increasing the construction costs related to water quality. The original scope of treatment assumed treating 16% of the total basin area whereas the updated design would provide enhanced treatment for 81% of the total basin area.

Recent communication from Ecology brought to our attention that certain conveyance elements may be eligible for funding based on the need to route runoff to or from a water quality BMP. A 36-inch conveyance/storage pipe and the connected catch basins have been identified as being eligible for funding by Ecology's Financial Management Services section because the pipe adds detention storage to the project.

The project proposes increasing the eligible construction costs from \$372,000 to \$927,000 (see attached cost comparison - Exhibit A) based upon the eligibility of the 36-inch storage pipe elements and the increased sizing of the water quality treatment BMPs. The City desires to pursue a higher level of treatment for the project area and would like to discuss revising the original funding request when the final offer letter is published to reflect the increased level treatment and associated increase in cost, assuming that WQC-2023-Renton-00022 is included on the final offer list.

Thank you for the opportunity to comment on the Fiscal Year 2023 draft Water Quality Funding Offer List and Intended Use Plan.

Exhibit A - Construction Cost Comparison

Bid Item No.	Spec. Section	Bid Item Description	Quantity	Unit	Unit Price	October 2021 Opinion		February 2022 Opinion	
						Water Quality Costs	Conveyance Costs	Water Quality Costs	Conveyance Costs
<b>Bid Schedule A - General</b>									
A01	1-04	Minor Changes	1	LS	\$ 50,000	\$ 7,500	\$ 42,500	\$ 7,500	\$ 42,500
A02	1-04	Mobilization & Demobilization	1	LS	\$ 193,480	\$ 26,250	\$ 148,750	\$ 29,025	\$ 164,475
A03	1-05	Construction Surveying, Staking, and As-Built Drawings	1	LS	\$ 20,000	\$ 3,000	\$ 17,000	\$ 3,000	\$ 17,000
A04	1-07	Utility Potholing	1	FA	\$ 15,000	\$ 2,250	\$ 12,750	\$ 2,250	\$ 12,750
A05	1-07	Temporary Traffic Control	1	LS	\$ 96,740	\$ 13,200	\$ 74,800	\$ 14,550	\$ 82,450
A06	1-07	Spill Prevention, Control, and Countermeasure Plan	1	LS	\$ 1,500	\$ 225	\$ 1,275	\$ 225	\$ 1,275
A07	1-09	Stormwater Pollution Prevention Plan & Temporary Erosion and Sediment Control	1	LS	\$ 15,500	\$ 2,325	\$ 13,175	\$ 2,325	\$ 13,175
A08	1-10	Dewatering	1	LS	\$ 30,000	\$ 4,500	\$ 25,500	\$ 4,500	\$ 25,500
A09	2-02	Removal of Structures and Obstructions	1	LS	\$ 109,000	\$ 16,350	\$ 92,650	\$ 16,350	\$ 92,650
A10	5-04	HMA for Overlay, Cl. ½" PG 64-22	235	TN	\$ 250	\$ 8,835	\$ 50,065	\$ 8,835	\$ 50,065
<b>Bid Schedule B - Stormwater</b>									
B01	2-09	Shoring or Extra Excavation, Class B	2,751	SF	\$ 5	\$ 2,063	\$ 11,692	\$ 2,063	\$ 11,692
B02	2-09	Removal and Replacement of Unsuitable Material	80	CY	\$ 50	\$ 600	\$ 3,400	\$ 600	\$ 3,400
B03	2-09	Controlled Density Fill	10	CY	\$ 200	\$ 300	\$ 1,700	\$ 300	\$ 1,700
B04	5-04	HMA for Trench Patch, Cl. ½" PG 64-22	471	TN	\$ 250	\$ 17,655	\$ 100,045	\$ 17,655	\$ 100,045
B05	5-04	Planing Bituminous Pavement	18,157	SY	\$ 8	\$ 21,795	\$ 123,505	\$ 21,795	\$ 123,505
B06	6-20	MWS-Linear Modular Wetland 8-ft x 12-ft	1	LS	\$ 133,200	\$ 72,100	\$ -	\$ 133,200	\$ -
B07	6-20	MWS-Linear Modular Wetland 8-ft x 20-ft	1	LS	\$ 195,500	\$ 71,700	\$ -	\$ 195,500	\$ -
B08	7-04	Solid Wall PVC Storm Sewer Pipe 6 In. Diam.	25	LF	\$ 160	\$ -	\$ 4,000	\$ -	\$ 4,000
B09	7-04	Solid Wall PVC Storm Sewer Pipe 8 In. Diam.	31	LF	\$ 170	\$ -	\$ 5,270	\$ -	\$ 5,270
B10	7-04	Solid Wall PVC Storm Sewer Pipe 12 In. Diam.	1,269	LF	\$ 220	\$ -	\$ 279,180	\$ -	\$ 279,180
B11	7-04	Solid Wall PVC Storm Sewer Pipe 18 In. Diam.	1,089	LF	\$ 285	\$ -	\$ 310,365	\$ -	\$ 310,365
B12	7-04	Solid Wall PVC Storm Sewer Pipe 24 In. Diam.	128	LF	\$ 470	\$ -	\$ 60,160	\$ -	\$ 60,160
B13	7-04	Solid Wall PVC Storm Sewer Pipe 36 In. Diam.	265	LF	\$ 700	\$ -	\$ 185,500	\$ 185,500	\$ -
B14	7-04	Testing Storm Sewer Pipe	2,751	LF	\$ 5	\$ -	\$ 13,755	\$ -	\$ 13,755
B15	7-05	Catch Basin Type 1	26	EA	\$ 2,500	\$ -	\$ 65,000	\$ -	\$ 65,000
B16	7-05	Catch Basin Type 2 48 In. Diam.	23	EA	\$ 5,500	\$ -	\$ 126,500	\$ -	\$ 126,500
B17	7-05	Catch Basin Type 2 60 In. Diam.	3	EA	\$ 9,500	\$ -	\$ 28,500	\$ 28,500	\$ -
B18	7-05	Connect New Lateral to New Catch Basin	26	EA	\$ 2,000	\$ -	\$ 52,000	\$ -	\$ 52,000
B19	7-05	Connect New Lateral to Existing Catch Basin	4	EA	\$ 2,000	\$ -	\$ 8,000	\$ -	\$ 8,000
B20	7-05	Connect Existing Lateral to New Storm Sewer Pipe	6	EA	\$ 2,000	\$ -	\$ 12,000	\$ -	\$ 12,000
B21	7-08	Plugging Existing Stormwater Pipe	5	EA	\$ 1,000	\$ -	\$ 5,000	\$ -	\$ 5,000
<b>TOTAL CONSTRUCTION COST</b>						\$ 270,648	\$ 1,874,037	\$ 673,673	\$ 1,683,412
Washington State Sales Tax 10.1%						\$ 27,335	\$ 189,278	\$ 68,041	\$ 170,025
<b>TOTAL</b>						\$ 297,983	\$ 2,063,315	\$ 741,714	\$ 1,853,437
Construction Contingency 25%						\$ 74,496	\$ 515,829	\$ 185,428	\$ 463,359
<b>TOTAL OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)</b>						\$ 372,000	\$ 2,579,000	\$ 927,000	\$ 2,317,000

The opinion of probable cost herein is based on our perception of current conditions at the project location. This opinion reflects our professional opinion of construction costs at this time and is subject to change as the project design matures. BHC Consultants has no control over variances in the cost of labor, materials, equipment; nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. BHC Consultants cannot and does not warrant or guarantee that proposals, bids, or actual construction costs will not vary from the costs presented as shown.