

Exhibit B - WA1 - Executive Summary x WBS



Project Specific Information

Job Name :	Johnstown Water Treatment Plant Expansion	Bid Review Date	9/20/2023
Job Type :	Water Treatment Plant Upgrades	Anticipated Award Date	TBD
Owner :	Town of Johnstown, CO	Construction Start	10/1/2023
Location :	Johnstown, CO	Construction Completion	6/15/2026
Contract Type :	CMAR	Warranty Period	1 year(s)
Bond Required?	YES	Estimating Phase	60% Design

SP Labor and Subcontract/ POA Risk Items

Direct Cost Summary by WBS

Scope Description	SP Man Hours	% of Total MH	Avg. Wage Rate	Labor Total	Material Total	Equipment Total	Subcontract Total	Total Cost	Percent of Direct Cost
WA1 S-01 Yard Pipe	6,146	26.81%	\$50.65	\$311,272	\$1,489,089	\$310,966	\$265,578	\$2,376,905	33.28%
WA1 S-02 Aggregate Piers	-	0.00%	\$0	\$0	\$0	\$4,248	\$200,600	\$204,848	2.87%
WA1 S-03 Excavation / Dewatering	1,510	6.59%	\$46.71	\$70,539	\$12,626	\$307,131	\$735,626	\$1,125,922	15.77%
WA1 S-04 Wet Well Concrete	4,296	18.74%	\$46.11	\$198,108	\$329,448	\$73,006	\$159,101	\$759,663	10.64%
WA1 S-05 Site Civil / Temporary Roads	10,973	47.87%	\$50.52	\$554,397	\$440,036	\$714,252	\$965,494	\$2,674,179	37.45%
Total Direct by WBS	22,925	100.00%	\$49.48	\$1,134,316	\$2,271,198	\$1,409,604	\$2,326,400	\$7,141,517	100.00%
% of Direct Cost				15.88%	31.80%	19.74%	32.58%	100.00%	

General Conditions

Description	SP Man Hours	Admin Man Hours	Avg. Wage Rate	Labor Total	Material Total	Equipment Total	Subcontract Total	Total Cost	% of Total Cost
99-GCGR Bidding GCs	-	580	\$136.00	\$78,880	\$626	\$2,137	\$0	\$81,643	1%
9999-GCGR Construction GCs	-	8,520	\$113.77	\$969,335	\$184,185	\$168,639	\$0	\$1,322,159	19%
Total General Conditions	-	9,100	\$249.77	\$1,048,215	\$184,812	\$170,776	\$0	\$1,403,802	16%
TOTAL COST OF WORK	22,925	9,100		\$2,182,530	\$2,456,010	\$1,580,380	\$2,326,400	\$8,545,320	

Mark-Up Costs

T & I/ Bond	Rate	UOM	Total Cost	Notes	Fee and Contingency	Rate	UOM	Total Cost
Liability Insurance	0.660%	%	\$63,544	Project total	Owner Contingency (on Direct Cost of Work)	0.00%	%	\$0
Builders Risk Insurance	0.266%	%	\$205,302		Contractor Contingency (on Cost of Work)	5.00%	%	\$427,266
					Escalation	0.00%	%	\$0
					Overhead (on Cost of Work incl. Contingency)	3.50%		\$264,907
Project Bond	0.770%	%	\$74,134		Profit (on Cost of Work incl. Contingency)	3.00%		\$227,063
Total Mark-Up Cost			\$342,980		Total Fee and Cont. Cost			\$919,237

Total Project Cost

Key Ratios

	Labor	Material	Equipment	Sub	Contingency, Fee, Bonds & Insurance	Project Total	Description	Rate	Manhours
Total Project Cost	\$2,182,530	\$2,456,010	\$1,580,380	\$2,326,400	\$1,262,217	\$9,807,537	Craft to Supervision	2.52	32,025
							Fee as % of Project	5.02%	
							Contingency as % of Project	4.4%	