

Fee Proposal

The attached engineering design fee is based on the scope and schedule provided in the proposal. We are open to adjusting the fee should the Town wish to modify the scope of work.

The request for proposal also asked for a fee related to the construction phase engineering services. This fee will vary depending on the support the Town wishes us to provide and based on the final construction delivery method. Typically, the construction phase services fee is similar to the design phase services when a full-time resident project representative (RPR) is provided for a two-year construction period. In this case, the Town should budget \$1.5 million to \$2 million (2021 dollars) for office engineering services such as submittal review, RFI responses, project meetings, engineering on-site inspections, as-built drawings, etc. and full time RPR services. The RPR will provide on-site observation, most special inspection observation, attendance at progress meetings, pay application review, engineering coordination, and coordination with the general contractor.

Burns & McDonnell Engineering Co.															
Johnstown Central WWTP Replacement Professional Engineering Services Fee Estimate															
	Project Manager Level 15	Design Manager Level 15	Process Engineer Level 11	QC Engineer Level 15	Staff Engineer Level 10	Civil Engineer Level 10	I&C Engineer Level 13	Electrical Engineer Level 11	Mechanical Engineer Level 12	Struct/Arch Engineer Level 13	Tech/ ACAD Level 10	TOTAL HOURS	LABOR	EXPENSES	TOTAL
TASK SERIES 100 - Team Collaboration & Project Management															
101 - Project Management	100											100	\$ 25,400	\$ 1,491	\$ 26,891
102 - Kick Off Meeting	4	8	8									20	\$ 4,632	\$ 280	\$ 4,912
103 - Process Evaluation Workshop	8	8	16									32	\$ 7,232	\$ 441	\$ 7,673
104 - Operator Interviews & Site Visit	8	8	16									32	\$ 7,232	\$ 441	\$ 7,673
105 - Conceptual Design Workshop	4	8	16									28	\$ 6,216	\$ 382	\$ 6,598
106 - 30% Review Meeting	4	8	16									28	\$ 6,216	\$ 382	\$ 6,598
107 - 60% Review Meeting	4	8	16									28	\$ 6,216	\$ 382	\$ 6,598
108 - 90% Review Meeting	4	8	16									28	\$ 6,216	\$ 382	\$ 6,598
109 - Final Review Meeting	4	8	16									28	\$ 6,216	\$ 382	\$ 6,598
TASK SERIES 200 - Process Evaluation															
201 - Identify Process Options	8	20	40									68	\$ 15,032	\$ 924	\$ 15,956
202 - Review of Background Information	2	8	20									30	\$ 6,500	\$ 403	\$ 6,903
203 - Develop Design Criteria	2	4	16									22	\$ 4,692	\$ 292	\$ 4,984
204 - Design Criteria Technical Memo		2	16									18	\$ 3,676	\$ 233	\$ 3,909
TASK SERIES 300 - Preliminary Design															
301 - Develop Conceptual Designs	2	16	40									58	\$ 12,492	\$ 775	\$ 13,267
302 - Conceptual Design Technical Memo	1	4	16									21	\$ 4,438	\$ 277	\$ 4,715
303 - Equipment Site Visits	24	24	24									72	\$ 16,944	\$ 1,020	\$ 17,964
304 - Develop Preliminary Design 30%	8	40	200	16	80	100	40	80	80	200	120	964	\$ 198,836	\$ 12,532	\$ 211,368
TASK SERIES 400 - Permitting															
401 - Develop Permitting Plan		4										4	\$ 1,016	\$ 60	\$ 1,076
402 - Utility Plan Amendment	2	2	40	4	40							88	\$ 17,112	\$ 1,102	\$ 18,214
403 - Site Application Package	2	8	80		80							170	\$ 32,700	\$ 2,116	\$ 34,816
404 - CDPHE PDR Submittal	4	8	40		80							132	\$ 25,288	\$ 1,639	\$ 26,927
405 - Town, County & Fire Authority Permitting	8	8	40		40	40						136	\$ 26,304	\$ 1,698	\$ 28,002
TASK SERIES 500 - Detailed Design															
501 - Topographic Survey	2	4				20						26	\$ 5,104	\$ 30,328	\$ 35,432
502 - Geotechnical Investigation	2	8										10	\$ 2,540	\$ 12,149	\$ 14,689
503 - 60% Design Development	16	40	200	16	200	250	100	200	100	400	200	1,722	\$ 353,638	\$ 22,325	\$ 375,963
504 - 90% Design Development	16	40	200	16	200	250	200	200	200	400	200	1,922	\$ 397,438	\$ 25,027	\$ 422,465
505 - Final Design Documents	16	40	160	16	160	110	200	200	100	200	200	1,402	\$ 289,498	\$ 18,239	\$ 307,737
TASK SERIES 600 - Bid Period Support															
601 - Project Delivery Option Comparison	4											4	\$ 1,016	\$ 60	\$ 1,076
602 - Pre-Bid Meeting	4	4										8	\$ 2,032	\$ 119	\$ 2,151
602 - Bid Period Support	2	4	8		8							22	\$ 4,540	\$ 286	\$ 4,826
603 - Bid Tabulation	1	2										3	\$ 762	\$ 45	\$ 807
Professional Services Total	266	354	1,260	68	888	770	540	680	480	1,200	720	7,226	\$ 1,497,174	\$ 136,210	\$ 1,633,384