

Cost for Engineering Services
St. Paul Regional Water Services
Amendment #3 - 2026 Lead Free SPRWS Program Management Services
CDM Smith

	Category	Project Principal	Project Manager	Technical Specialist (Project Technical Lead - Andrea Cheng)	Program Controls Professional	Quality Manager- QA/QC	Senior Engineer	Engineer	Sr. Construction Management Professional	Construction Management Professional	Construction Inspection	Communications Professional	Junior Communications Professional	Permitting Lead	Database Specialist /GIS-	Senior Scientist	Scientist	Engineering/Inspecto n Technician	Administrative Personnel	Cost Estimator	Total Hours	Subtotal: CDM Labor Cost	Other Direct Cost	Bolton and Menk	McDowell Agency	PE Services	ZAN Associates	Total Cost
	2025/2026 Average Billing Rates	\$319	\$319	\$275	\$147	\$168	\$248	\$152	\$290	\$158	\$142	\$147	\$131	\$158	\$126	\$259	\$226	\$152	\$116	\$168								
		Hours																										
8	Program Management Plan																											
8A	General Program and Project Management	80	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	80	-	560	\$ 162,400	\$ 3,248	\$ -	\$ -	\$ 26,000	\$ 32,500	\$ 224,150
8B	Project Management Plan Update	-	16	18	-	-	24	40	-	-	-	16	-	-	-	-	16	-	-	-	130	\$ 28,054	\$ 561	\$ -	\$ -	\$ -	\$ -	\$ 28,620
8C	Planning Level Meetings and Workshops	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	MDH Meetings (12)	-	12	-	-	-	-	48	-	-	-	-	-	-	-	-	-	-	-	-	60	\$ 11,124	\$ 222	\$ -	\$ -	\$ -	\$ -	\$ 11,350
	Work Plan Workshop (1)	-	4	4	-	-	-	8	4	-	-	-	-	-	-	-	-	-	-	-	20	\$ 4,752	\$ 95	\$ -	\$ -	\$ -	\$ -	\$ 4,850
	Contract Planning Meeting (1)	-	4	4	4	-	-	8	8	-	-	-	-	-	-	-	-	-	-	-	24	\$ 5,912	\$ 118	\$ -	\$ -	\$ -	\$ -	\$ 6,030
	Construction Management Workshop (1)	-	4	4	4	-	-	8	12	-	12	-	-	-	-	-	-	-	-	-	40	\$ 8,776	\$ 176	\$ -	\$ -	\$ -	\$ -	\$ 8,950
	Debrief Meetings (1)	-	4	4	-	-	-	-	6	-	-	12	-	-	-	6	-	-	-	-	32	\$ 7,434	\$ 149	\$ -	\$ -	\$ -	\$ -	\$ 7,580
	Weekly Coordination Meetings (52)	-	52	52	-	-	-	-	52	-	-	-	-	-	-	-	-	-	-	-	156	\$ 45,968	\$ 919	\$ -	\$ -	\$ -	\$ -	\$ 46,890
	Weekly Public Outreach Meetings (52)	-	52	52	-	-	-	26	-	-	-	104	-	-	-	-	-	-	-	-		\$ 53,716	\$ 1,074	\$ -	\$ -	\$ -	\$ -	\$ 54,790
	Weekly Construction Meetings (38)	-	40	40	-	-	-	40	-	-	-	-	-	-	-	-	-	-	-	-		\$ 35,360	\$ 707	\$ -	\$ -	\$ -	\$ -	\$ 36,070
	Total: Program Management	80	588	178	-	-	24	112	148	-	12	132	-	-	-	6	16	-	80	-	1,022	\$ 363,500	\$ 7,300	\$ -	\$ -	\$ 26,000	\$ 33,000	\$ 429,280
9	2027 Project Planning																											
9A	Confirmation of Service Line Material	-	4	40	-	-	-	40	-	-	-	-	-	-	800	-	-	-	-	-	884	\$ 119,156	\$ 2,383	\$ -	\$ -	\$ -	\$ -	\$ 121,540
9B	Work Plan	-	20	16	-	-	16	48	16	-	-	-	-	-	24	-	-	-	-	-	140	\$ 29,708	\$ 594	\$ -	\$ -	\$ -	\$ -	\$ 30,300
9C	Contract Documents	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
	Specifications	-	8	40	-	-	40	120	16	-	-	-	-	-	-	-	-	-	40	-	264	\$ 50,992	\$ 1,020	\$ -	\$ -	\$ -	\$ -	\$ 52,010
	Drawings	-	8	20	-	-	-	40	8	-	-	-	-	-	80	-	-	-	-	-	156	\$ 26,532	\$ 531	\$ 175,000	\$ -	\$ -	\$ -	\$ 202,060
	Standard Details	-	4	8	-	-	6	12	4	-	-	-	-	-	-	-	-	20	-	-	54	\$ 10,988	\$ 220	\$ -	\$ -	\$ -	\$ -	\$ 11,210
	Coordination & Additional Meetings	-	16	16	-	-	16	16	8	-	-	-	-	-	-	-	-	-	-	-	72	\$ 18,224	\$ 364	\$ -	\$ -	\$ -	\$ -	\$ 18,590
	Cost Estimating	-	-	-	-	-	2	8	4	-	-	-	-	-	-	-	-	-	-	-	14	\$ 2,872	\$ 57	\$ -	\$ -	\$ -	\$ -	\$ 2,930
	Total: Project Planning	-	60	140	-	-	80	284	56	-	-	-	-	-	904	-	-	20	40	-	1,584	\$ 258,500	\$ 5,200	\$ 175,000	\$ -	\$ -	\$ -	\$ 438,640
10	2026 Bid Phase Services																											
	Pre-Bid Meeting	-	12	8	-	-	-	16	8	-	-	-	-	-	-	-	-	-	-	-	44	\$ 10,780	\$ 216	\$ -	\$ -	\$ -	\$ -	\$ 11,000
	Addenda	-	4	16	-	-	12	16	-	-	-	-	-	-	-	24	-	-	-	-	72	\$ 17,300	\$ 346	\$ -	\$ -	\$ -	\$ -	\$ 17,650
	Bid Evaluation	-	4	12	-	-	-	8	-	-	-	-	-	-	-	8	-	8	-	-	40	\$ 9,080	\$ 182	\$ -	\$ -	\$ -	\$ -	\$ 9,260
	Conformed Documents	-	2	14	-	-	8	40	-	-	-	-	-	-	-	-	-	24	32	-	120	\$ 19,912	\$ 398	\$ -	\$ -	\$ -	\$ -	\$ 20,310
	Total: Bid Phase Services	-	22	50	-	-	20	80	8	-	-	-	-	-	-	32	-	32	32	-	276	\$ 57,100	\$ 1,100	\$ -	\$ -	\$ -	\$ -	\$ 58,220
11	2027 Bid Phase Services																											
	Pre-Bid Meeting	-	12	8	-	-	-	16	8	-	-	-	-	-	-	-	-	-	-	-	44	\$ 10,780	\$ 216	\$ -	\$ -	\$ -	\$ -	\$ 11,000
	Addenda	-	4	16	-	-	12	16	-	-	-	-	-	-	-	24	-	-	-	-	72	\$ 17,300	\$ 346	\$ -	\$ -	\$ -	\$ -	\$ 17,650
	Bid Evaluation	-	4	12	-	-	-	8	-	-	-	-	-	-	-	8	-	8	-	-	40	\$ 9,080	\$ 182	\$ -	\$ -	\$ -	\$ -	\$ 9,260
	Conformed Documents	-	2	14	-	-	8	40	-	-	-	-	-	-	-	-	-	24	32	-	120	\$ 19,912	\$ 398	\$ -	\$ -	\$ -	\$ -	\$ 20,310
	Total: Bid Phase Services	-	22	50	-	-	20	80	8	-	-	-	-	-	-	32	-	32	32	-	276	\$ 57,100	\$ 1,100	\$ -	\$ -	\$ -	\$ -	\$ 58,220
12	Public Outreach and Education																											
12A	Strategic Outreach and Campaign Outline	-	8	8	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	-	56	\$ 10,632	\$ 213	\$ -	\$ -	\$ -	\$ 4,510	\$ 15,350
12B	Public Outreach and Education Program Templates	-	8	8	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-	40	\$ 8,280	\$ 166	\$ -	\$ -	\$ -	\$ 15,620	\$ 24,070
12C	Public Outreach Materials and Perform Right of Entry (ROE) Outreach	-	40	40	-	-	-	-	-	-	-	100	-	-	-	-	-	-	-	-	180	\$ 38,460	\$ 769	\$ -	\$ -	\$ -	\$ 439,280	\$ 478,510
12D	Community Meetings	-	16	-	-	-	-	-	-	-	-	80	-	-	-	-	-	-	-	-	96	\$ 16,864	\$ 337	\$ -	\$ -	\$ -	\$ 60,300	\$ 77,500
12E	General Contractor Outreach	-	16	40	-	-	40	-	-	-	80	-	-	-	-	-	-	-	-	-	176	\$ 37,384	\$ 748	\$ -	\$ -	\$ -	\$ -	\$ 38,130
	Total: Public Outreach and Education	-	88	96	-	-	40	-	-	-	80	244	-	-	-	-	-	-	-	-	548	\$ 111,620	\$ 2,232	\$ -	\$ -	\$ -	\$ 519,710	\$ 633,560
13	Construction Management Services																											
	Pre-Construction Meeting	-	4	-	-	-	-	12	20	-	-	-	-	-	-	-	-	-	-	-	36	\$ 8,900	\$ 178	\$ -	\$ -	\$ -	\$ -	\$ 9,080
	Shop Drawing Reviews	-	-	8	-	-	-	80	16	-	-	-	-	-	-	-	-	-	-	-	224	\$ 32,920	\$ 658	\$ -	\$ -	\$ -	\$ -	\$ 33,580
	RFIs	-	-	24	-	-	-	60	100	-	-	-	-	-	-	-	-	-	-	-	244	\$ 51,680	\$ 1,034	\$ -	\$ -	\$ -	\$ -	\$ 52,710
	Change Orders	-	8	16	-	-	-	40	80	-	-	-	-	-	-	-	-	-	-	-	164	\$ 38,552	\$ 771	\$ -	\$ -	\$ -	\$ -	\$ 39,320
	Close Out & Reporting	-</																										