City of Waukesha
Design Engineering Services for Greenmeadow Sanitary Interceptor Sewer
Greenmeadow Pump Station to the Clean Water Plant
Fee Estimate Summary - Donohue & Associates, Inc.

Task	Nevers $ 235	Kimmler $ 170	Holzwart $ 120	Elling $ 185	Sticklen $ 185	LeMahieu $ 170	Eng. I $ 110	Admin $ 60	Total Hours	Total Labor	Expenses	TerraTec	Brierley	PSI	TADI	Total Cost
SURVEY/GEOTECH																**$ 242,811**
Topographic Survey		4	4						8	$ 1,160		$ 23,221				$ 24,381
Geotechnical Baseline Report & Trenchless Design		8							8	$ 1,360			$ 190,410			$ 191,770
Subsurface Investigation & Engineering		8							8	$ 1,360				$ 25,300		$ 26,660
DESIGN DEVELOPMENT/CONSTRUCTION DOCS.																**$ 142,795**
Bi-weekly Conference Calls		16	8						24	$ 3,680						$ 3,680
Prepare 60% Plans and Specs (sheets not listed below)		40	28						68	$ 10,160						$ 10,160
- Plan and Profile sheets		36	100				70		206	$ 25,820						$ 25,820
- Local Sewer Connections (assume 7)		7	50						57	$ 7,190						$ 7,190
- Lateral Replacements			4				24		28	$ 3,120						$ 3,120
- GE Energy Sewer Connect		4	16						20	$ 2,600						$ 2,600
- Signal Restoration/Temp at Moreland						4			4	$ 680					$ 6,500	$ 7,180
- Traffic Management		1	14			8			23	$ 3,210						$ 3,210
- Curb Ramps			12						12	$ 1,440						$ 1,440
- Roadway and Pavement Marking			16			8			24	$ 3,280						$ 3,280
Prepare Easement Acquisition Docs.			2						2	$ 240		$ 1,000				$ 1,240
Easement Negotiations and Meetings (Assume 2)	1	16							17	$ 2,955	$ 148					$ 3,103
Prepare Permits									-	$ -						$ -
- Railroad/WisDOT			16						16	$ 1,920						$ 1,920
- Chapter 30		2	20						22	$ 2,740						$ 2,740
- SEWRPC and DNR Sewer Approval		2	8						10	$ 1,300						$ 1,300
- WDNR WRAPP		1	6						7	$ 890						$ 890
Phase 1 Hazardous Materials Assessment		2	28						30	$ 3,700	$ 350					$ 4,050
Utility Coordination		6	20					4	30	$ 3,660						$ 3,660
Special Provisions		40	8					5	53	$ 8,060						$ 8,060
Incorp. Water Utility PS&E		4	8						12	$ 1,640						$ 1,640
60% Plan Review Meeting		8	4						12	$ 1,840	$ 74					$ 1,914
Prepare 90% Plans and Specs		40	84				50		174	$ 22,380						$ 22,380
QC		8		16		8			32	$ 5,680						$ 5,680
90% Plan Review Meeting		6	4						10	$ 1,500	$ 74					$ 1,574
Prepare Final Construction Plans & Specs		10	28				20		58	$ 7,260						$ 7,260
Prepare Final Cost Estimate		8	12	3			8		31	$ 4,235						$ 4,235
General Public Information Meeting & Preparation	1	16					4		21	$ 3,395	$ 74					$ 3,469
BIDDING																**$ 6,188**
Respond to Bidders Questions		4	12						16	$ 2,120						$ 2,120
Attend Pre-Bid Meeting		6							6	$ 1,020	$ 74					$ 1,094
Prepare Addenda if needed		2	8						10	$ 1,300						$ 1,300
Review Bid Tab/Recommend Bidder		2	2						4	$ 580						$ 580
Preconstruction Meeting		6							6	$ 1,020	$ 74					$ 1,094
Total	2	313	522	19	-	28	176	9	1,069	$ 144,495	$ 868	$ 24,221	$ 190,410	$ 25,300	$ 6,500	**$ 391,794**
Labor Dollars	$ 470	$ 53,210	$ 62,640	$ 3,515	$ -	$ 4,760	$ 19,360	$ 540								