City of Waukesha
Engineering Services for Alternatives Analysis Greenmeadow Pump Station or Sanitary Interceptor Sewer
Greenmeadow Pump Station to the Clean Water Plant
Fee Estimate Summary - Donohue & Associates, Inc. (10-28-16)

Task	Nevers $ 235	Kimmler $ 170	Holzwart $ 120	Howe $ 155	Sticklen $ 185	Bergstrom $ 135	Webb $ 155	Other $ 145	Eng. I $ 110	Admin $ 60	Total Hours	Total Labor	Expenses	TerraTec	Brierley	PSI	TADI	Total Cost
PROJECT INITIATION/BI-WEEKLY UPDATES																		**$ 6,424**
Kickoff Meeting	2	12		8							22	$ 3,750	$ 74					$ 3,824
Bi-weekly Conference Calls		8		8							16	$ 2,600						$ 2,600
SURVEY/GEOTECH																		**$ 14,700**
Topographic Survey											-	$ -						$ -
Subsurface Investigation & Engineering - Phase 1											-	$ -			$ 5,000			$ 5,000
Subsurface Investigation & Engineering - Phase 2											-	$ -			$ 6,000	$ 3,700		$ 9,700
ALTERNATIVES ANALYSIS - PHASE 1																		**$ 38,289**
Review/Evaluate Design Assumptions		4		4	4	4					16	$ 2,580						$ 2,580
Evaluate Interceptor Alternative Routes		17	16	4	12		8				57	$ 8,890						$ 8,890
Evaluate Pump Station Alternatives			4	6	4	22	8	16			60	$ 8,680						$ 8,680
Evaluate Force Main Routes		10	30				6				46	$ 6,230						$ 6,230
Prepare PreliminaryCost Estimate for Alternatives		4	4				4				12	$ 1,780						$ 1,780
Prepare Draft TM: Alternatives Analysis	1	16	12	4		10	4				47	$ 6,985						$ 6,985
Alternatives Analysis Review Meeting	2	8		8							18	$ 3,070	$ 74					$ 3,144
ALTERNATIVES ANALYSIS - PHASE 2																		**$ 21,994**
Refine Interceptor Construction Methods		10					8				18	$ 2,940						$ 2,940
Refine Pump Station Alternatives				6		22		16			44	$ 6,220						$ 6,220
Refine Force Main Construction Methods		6	10				6				22	$ 3,150						$ 3,150
Prepare Final Cost Estimate for Alternatives		8	4				4				16	$ 2,460						$ 2,460
Workshop to Define Final Greenmeadow Project		8		8							16	$ 2,600	$ 74					$ 2,674
Submit Final TM: Alternatives Analysis		14		6			8				28	$ 4,550						$ 4,550
Total	5	125	80	62	20	58	56	32	-	-	438	$ 66,485	$ 222	$ -	$ 11,000	$ 3,700	$ -	**$ 81,407**
Labor Dollars	$ 1,175	$ 21,250	$ 9,600	$ 9,610	$ 3,700	$ 7,830	$ 8,680	$ 4,640	$ -	$ -								