## Tebbe Civil Engineering, LLC

Scope of Services and Schedule of Fees

Village of Ashville



## Ashville South Metershed Improvements - Phase 1

tor		Ashville South Metershed Improvements - Phase 1 Services Proposal									
trac											
Subcontractor		8/13/2021			Design Engineer	Expenses	Labor	Sub			
°.		Description of Services		120	75	Base Fee	Base Fee	Base Fee			
-	Phase 1								_		
	A - Survey (	(Phase 1)									
S	Yes	Final Detailed Survey (Phase 1 Intersections)						\$20,000			
S	Yes	Structure Survey (Phase 1 and 2)						\$6,000			
	Yes	Private Property Investigations (Phase 1 - 80 properties)			125	\$750	\$9,375				
	Yes	Base Map Preparation		8	24		\$2,760				
	Yes	Site Visit existing conditions verification		16	16	\$250	\$3,120				
			Subtotal	24	165	\$1,000	\$15,255	\$26,000	\$42,255		
Task B	8 - CCTV (P	hase 1)									
S	Yes	CCTV Field Investigation (Phase 1 - 5000 LF @ \$4/ft)						\$20,000			
	Yes	Review of CCTV Data		40	8	\$80	\$5,400				
	Yes	Base Map Preparation (Sanitary service mapping)		8	40		\$3,960				
			Subtotal	48	48	\$80	\$9,360	\$20,000	\$29,440		
Task C	C - Prelimin	ary Engineering (Phase 1 & 2)									
	Yes	Review Existing Conditions, Utilities, Constraints		20	40		\$5,400				
	Yes	Existing System Capacity Design/Trib Maps		40	80		\$10,800				
	Yes	Preliminary Sanitary & Storm Design Calculations		40	80		\$10,800				
	Yes	Preliminary Engineering Design/Project Phasing		60	200	\$250	\$22,200				
	Yes	Prepare Proposed Improvement Exhibits		24	120	\$250	\$11,880				
	Yes	Alternatives Cost Estimates		8	24		\$2,760				
			Subtotal	192	544	\$500	\$63,840	\$-	\$64,340.00		

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Subcontractor		8/13/2021		PM	Design Engineer	Expenses	Labor	Sub			
°, °		Description of Services		120	75	Base Fee	Base Fee	Base Fee			
Task D	- Final De	sign (Phase 1)							_		
					4.0		44.000				
	Yes	Title Sheet		4	12		\$1,380				
	Yes	Schematic Plan		4	32		\$2,880				
	Yes	General Notes		8	24		\$2,760				
	Yes	Maintenance of Traffic Notes		8	24		\$2,760				
	Yes	Maintenance of Traffic Plan		8	80		\$6,960				
	Yes	General Summary		16	40		\$4,920				
	Yes	Demolition Plan		16	80		\$7,920				
	Yes	Sanitary Plan & Profile		72	260		\$28,140				
	Yes	Storm Sewer & Grading Plan		32	188		\$17,940				
	Yes	Storm Sewer Profiles		32	108		\$11,940				
	Yes	Details		8	40		\$3,960				
	Yes	Drainage Details		16	40		\$4,920				
	Yes	Pavement Marking Plan with Subsummary		16	40		\$4,920				
	Yes	Storm Sewer Design Calculations		8	40		\$3,960				
	Yes	Sanitary Sewer Design Calculations		8	40		\$3,960				
	Yes	Sanitary PTI		8	40		\$3,960				
	Yes	Intersection Details		40	200		\$19,800				
	Yes	Alley Details		8	80		\$6,960				
	Yes	Typical Sections		8	20		\$2,460				
	Yes	Alley Grading		32	88		\$10,440				
	Yes	Construction Cost Estimate		8	16		\$2,160				
	Yes	Plan submissions and Reviews		16	40	\$500	\$4,920				
	Yes		Subtotal	376	1532	\$500	\$160,020	\$-	\$160,520		

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#### Village of Ashville

#### Ashville South Metershed Improvements - Phase 1 S ~ Subcontractor **Services Proposal** Design 8/13/2021 PM Labor Sub Expenses Engineer 120 75 **Description of Services Base Fee Base Fee** Base Fee Task E - Meetings / Coordination / OPWC Construction Application (Phase 1) Meet with Village staff to discuss design alternates \$40 \$2,040 Yes 12 8 20 \$250 \$3,600 Yes Site Visits 16 **OPWC Construction Application (Phase 1)** \$3,240 Yes 12 24 8 \$250 \$2,160 Utility Coordination Yes 16 52 64 \$540 \$11,040 \$ \$11,580 Subtotal **Total Estimated Hours** 692 2353 \$308,135 **Total Estimated Fee** \$2,620 \$259,515 \$46,000