

Tebbe Civil Engineering, LLC
Scope of Services and Schedule of Fees
Village of Asheville

CONFIDENTIAL

Ashville South Metershed Improvements - Phase 1

Services Proposal

S ~ Subcontractor

8/13/2021

Description of Services

PM	Design Engineer	Expenses	Labor	Sub
120	75	Base Fee	Base Fee	Base Fee

Phase 1

Task 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
	Yes					
Subtotal			24	165	\$1,000	\$15,255
					\$26,000	\$42,255

Task B - CCTV (Phase 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 - Preliminary 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	
	Yes					
Subtotal			192	544	\$500	\$63,840
					\$ -	\$64,340.00

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Task E - Meetings / Coordination / OPWC Construction Application (Phase 1)

Yes	Meet with Village staff to discuss design alternates	12	8	\$40	\$2,040		
Yes	Site Visits	20	16	\$250	\$3,600		
Yes	OPWC Construction Application (Phase 1)	12	24		\$3,240		
Yes	Utility Coordination	8	16	\$250	\$2,160		
Yes	Subtotal	52	64	\$540	\$11,040	\$ -	\$11,580
	Total Estimated Hours	692	2353				
	Total Estimated Fee			\$2,620	\$259,515	\$46,000	\$308,135