

Fee Spreadsheet - Base Scope of Work with ROW Determination & Research (Excludes ROW Plans and Acquisition)

Project Name: Colorado Blvd Widening Including Bicycle and Pedestrian Improvements
Performed By: Eric King
Date: 24-Feb-22

MBI Fee Spreadsheet

WBS	Task Name	Subtotal	King, Eric Project Manager II \$190.00	Butters, Mike Operations Manager IV \$245.86	Combs, Ben Civil Engineer IV \$165.00	Scott, Kristin Civil Engineer III \$135.00	Riley, Rhodes Designer IV \$145.00	East, Lucy Technical Manager I \$160.00	Hout, Dana Civil Associate III \$103.00	Higgins, Brett Project Manager II \$190.00	Starling, Andy Civil Associate II \$93.00	Carpenter, Jennifer Technical Manager II \$170.00	Yang, Lingling Civil Engineer II \$120.00	
1.0 Project Management	Project Setup & Initiation	10	6		2	2								
	Project Kickoff Meeting	32	8		4	4		4	4	4		4		
	General Management, Invoicing, Project Status Reporting, Schedule Updates, Coordination with City and Subconsultants	48	24	8				8		8				
	Photo Log	12	4							4		4		
	Project Management Plan	4	4											
	Progress Meetings (8 Total)	52	24			8		8		8		4		
	Milestone Meetings (FIR, FOR) (2 Meetings)	52	12			10	10	10		10				
	Utility Coordination Meetings (Assume 8 meetings)	24	8					16						
Subtotal 1.0 Project Management	234	90	8	24	16	0	46	4	34	0	12	0		
2.0 Preliminary Design	Prepare Preliminary Plans													
	Title Sheet	5	1			2	2							
	Standard Plans List	7		1	1	4	4							
	Typical Sections	12	1	1	4	2	4							
	General Notes	28	1	1	4	4	8	2	4	4				
	Survey Control Diagram	4					4							
	Ownership Map and Tabulation Sheet	8					4							
	Plan Sheets	70	4	2	24	12	8			4		16		
	Profile Sheets	38	4	2	16	8	8							
	Cross Sections	24	2	2	8	4	8							
	Storm Sewer Plans and Drainage Details	58		2			24	8	24					
	Construction Phasing Plans	70		2			24			12		32		
	Preliminary Cost Estimate	22	1	1	4	2	2	2	4	2	4			
	Utility Plans and Coordination	44					12	24	8					
	Prepare Memorandum of Design - Utilities	23		1			2	16	4					
	Drainage													
	Review Past Reports	8							4	4				
	Establish Drainage Basin Boundaries, Design Discharges	18						2	4	12				
	Field Reconnaissance	12							6	6				
	Irrigation Coordination	8							8					
	MS-4 Requirements	8							8					
	Storm Sewer and Inlet Design, Culvert Design	38							6	32				
	Phase II Drainage Report	20							8	12				
	Traffic Analysis													
	Develop Growth Rate(s) and Traffic Volume Projections	11									1		2	8
	Ex and Future Analysis (opening day & 20 year) (AM & PM, 2 int.)	29									1		4	24
	Signal Warrants or All Way Stop Warrants (2)	12										2	10	
	Safety Assessment (Includes 1 field review)	21									1		8	12
	Draft Memorandum	47									1		6	40
	Final Memorandum	25									1		4	20
	Coordinate and Attend FIR Meeting	28	8		6				6		6			
	Subtotal 2.0 Preliminary Design	696	23	15	67	34	120	102	110	33	52	26	114	
3.0 Final Design	Prepare Final Plans													
	Title Sheet	7	1			2	4							
	Standard Plans List	7		1	1	4	4							
	Typical Sections	9	1	1	2	1	4							
	General Notes	22	1	1	2	2	6	2	4	4				
	Survey Control Diagram	4					4							
	Ownership Map and Tabulation Sheet	8					4							
	Plan Sheets	53	3	2	24	8	16							
	Profile Sheets	51	3	2	24	6	16							
	Driveways	54	2	2	16	16	18							
	Cross Sections	28	2	2	12	8	4							
	Summary of Approximate Quantities	33	4	1	8	8	4			4	4			
	Tabulations	43	4	1	12	6	4			8	8			
	Detail Sheets	28	2	2	4	4	8		4	4				
	Specifications	17	4	1	4				4		4			
	Storm Sewer Plans and Drainage Details	57		1			24	8	24					
	Construction Traffic Control and Phasing Plans	74					24			16		34		
	FOR Cost Estimate	33	2	1	8	8	2	2	4	2	4			
	Utility Coordination, Field Reviews, Plan Updates	25	1				0	16	8					
	Utility Clearance Letters	21	1				0	16	4					
	Drainage													
	Revise Details	12				6	2	4	4					
	Final Storm Sewer Profiles	56					24	8	24					
	Final BMP's	21		1			8	4	8					
	Erosion Control/Stormwater Management Plans	49		1			16	8	24					
	Phase III Drainage Report	12							4	8				
	Final Signing and Striping Plans	67	2	1			24			16	24			
	Coordinate and Attend FOR Meeting	16	4		6					6				
	Minor Revisions	36	2		4		8	12	2	4	4			
	Stormwater Discharge and Dewatering Permits	10					4	4	6					
	Subtotal 3.0 Final Design	853	40	21	127	81	236	84	138	64	62	0	0	
	4.0 Bid Services	Attend Pre-Bid Meeting and prepare meeting minutes	6	4							2			
Prepare addenda to the bid plans and specifications during advertisement period.		68	8		16	8	16	8		4	8			
Attend bid opening and prepare bid tabulation for the City's review.		6	4							2				
Subtotal 4.0 Bid Services	80	16	0	16	8	16	8	0	8	0	0			
Total Labor Hours		1863	169	44	234	139	372	240	252	139	122	38	114	

		Baker Labor Fee										
1.0 Project Management	\$41,458.91	\$17,100.00	\$1,966.91	\$3,960.00	\$2,160.00	\$0.00	\$7,360.00	\$412.00	\$6,460.00	\$0.00	\$2,040.00	\$0.00
2.0 Preliminary Design	\$97,958.95	\$4,370.00	\$3,687.95	\$11,055.00	\$4,590.00	\$17,400.00	\$16,320.00	\$11,330.00	\$6,270.00	\$4,836.00	\$4,420.00	\$13,680.00
3.0 Final Design	\$124,453.14	\$7,600.00	\$5,163.14	\$20,955.00	\$10,935.00	\$34,220.00	\$13,440.00	\$14,214.00	\$12,160.00	\$5,766.00	\$0.00	\$0.00
4.0 Bid Services	\$12,624.00	\$3,040.00	\$0.00	\$2,640.00	\$1,080.00	\$2,320.00	\$1,280.00	\$0.00	\$1,520.00	\$744.00	\$0.00	\$0.00
Subtotal Labor Fee	\$276,495.00	\$32,110.00	\$10,818.00	\$38,610.00	\$18,765.00	\$53,940.00	\$38,400.00	\$25,956.00	\$26,410.00	\$11,346.00	\$6,460.00	\$13,680.00

Direct Expenses				
	Rate Per Unit	Unit	Quantity	Direct Cost
Copies (8.5 x 11 BW)	\$0.05	sheet	500	\$25.00
Copies (8.5 x 11 Color)	\$0.50	sheet	250	\$125.00
Copies (11 x 17 BW)	\$0.05	sheet	200	\$10.00
Copies (11 x 17 Color)	\$0.50	sheet	500	\$250.00
Large Format Plotting (Color)	\$2.00	square foot	100	\$200.00
Mileage	\$0.53	miles	144	\$76.32
Total Direct Expenses				\$686.32

Subconsultants		
Company	General Description of Service	Subtotal Sub
HCL	Surveying, SUE, Potholing	\$75,412.10
TRIS	ROW Determination, Title Research	\$31,473.00
Phryon	Environmental Site Assessment and Clearance	\$42,262.90
Valerian	Landscaping and Irrigation	\$13,310.00
Shannon & Wilson	Geotechnical	\$15,132.00
Clanton	Lighting	\$29,175.00
Idax	Traffic Counts	\$1,920.00
Total Subconsultants		\$208,690.00

Project Total	\$485,871.32
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