

Project: Clark Fork River Restoration and Access		PROJECT TEAM STAFF															SUB. (TBD)		Total Hours Per Task	Total Cost Per Task
Client:	City of Missoula Parks & Recreation Dept.	RESPEC						Field Studio			DJ&A									
	Labor Classifications	Project Manager	Deputy Project Manager	Engineering Team Leader	Project Engineer	Engineer 1	Administrative Asst.	Principal 1	Principal 2	Designer	Senior Project Engineer	Construction Mgmt. Lead	Two -Person Survey Crew	Survey Mapping Technician	Registered Land Surveyor	Construction Inspector	Geotechnical Investigations			
	Hourly Rates	\$175.00	\$150.00	\$145.00	\$135.00	\$90.00	\$75.00	\$150.00	\$150.00	\$85.00	\$148.00	\$131.00	\$170.00	\$96.00	\$128.00	\$108.00				
		M. Rotar	M. Burke	M. Johnson	B. Egeberg	M. Haller	J. Wilbanks	C. Kees	C. Keil	G. Moore	P. Druyvestein	K. Gauthier	2-Person Crew	A. Windels	B. Rinfret					
Task Number																				
1	Review and Assessment of Existing Conditions/Documents	19	22	0	0	0	2	3	20	20	0	0	0	0	0	0		86	\$11,925	
A.	Review of Existing Information and Documents	2	4	0	0	0	0	2	4	6	0	0	0	0	0	0		18	\$ 2,360.00	
	Review Access Site Selection Criteria	1	2					1	2	2								8	\$ 1,095.00	
	Review Existing Access Design Plans and Reports	1	2					1	2	4								10	\$ 1,265.00	
B.	Field Observations and Assessment of Existing Conditions	11	8	0	0	0	0	0	10	12	0	0	0	0	0	0		41	\$ 5,645.00	
	Field Assessment (on-foot)	10	6						10	10								36	\$ 5,000.00	
	Field data documentation	1	2							2								5	\$ 645.00	
C.	Tech. Memo. Summarizing Changes to Acss Sites (if any)	2	6	0	0	0	2	1	2	2	0	0	0	0	0	0		15	\$ 2,020.00	
	Tech. Memo. production	2	6				2	1	2	2								15	\$ 2,020.00	
D.	Meetings	4	4	0	0	0	0	0	4	0	0	0	0	0	0	0		12	\$ 1,900.00	
	Kickoff Meeting	2	2						2									6	\$ 950.00	
	Site Selection Criteria Meeting	2	2						2									6	\$ 950.00	
2	Stakeholder Meetings/Interaction and Public Involvement	11	16	0	0	0	0	1	12	12	0	0	0	0	0	0		52	\$7,295	
A.	Stakeholder Meetings	8	8	0	0	0	0	0	8	0	0	0	0	0	0	0		24	\$ 3,800.00	
	Attend Community Stakeholder Group meetings		4						2									6	\$ 900.00	
	Attend Recreation Stakeholder Group Meetings		4						2								6	\$ 900.00		
	Attend Technical Stakeholder Group Meetings	4							2								6	\$ 1,000.00		
	Attend Transportation Stakeholder Group Meetings	4							2								6	\$ 1,000.00		
B.	Public Open Houses	3	8	0	0	0	0	1	4	12	0	0	0	0	0	0	28	\$ 3,495.00		
	Public Open House 1																0	\$ -		
	Public Open House 2	3	8					1	4	12							28	\$ 3,495.00		
3	Develop Site Restoration Plans and Prescriptive Treatments	20	18	6	44	88	4	12	44	70	0	0	20	32	8	0	366	\$43,076		
A.	Site Restoration Prescriptive Treatments	8	6	4	36	48	4	8	20	40	0	0	0	0	0	0	174	\$ 19,960.00		
	Identify Site Restoration Prescriptions (up to 6 prescriptions)	4	2		4			4	8								22	\$ 3,340.00		
	Develop Typical Drawings & Narratives for Prescriptive Treatments	4	4	4	32	48	4	4	12	40							152	\$ 16,620.00		
B.	Site Restoration Designs	4	4	2	8	40	0	4	16	30	0	0	20	32	8	0	168	\$ 19,316.00		
	Develop Conceptual-designs (30%) for new restoration locations	4	4	2	8	40		4	16	30							108	\$ 11,820.00		
	ALLOWANCE: Field Surveying & Mapping (assumes 20 field hours as needed)												20	32	8		60	\$ 7,496.00		
C.	Review Meetings	8	8	0	0	0	0	0	8	0	0	0	0	0	0	0	24	\$ 3,800.00		
	Review meetings with Parks at 30, 60, and 90% completion stages	8	8						8								24	\$ 3,800.00		
	(review at 30% completion only for full restoration designs)																0	\$ -		
4	River Access & Restoration Design Development (thru 60%)	34	10	8	58	108	0	10	46	80	12	8	0	0	0	0	374	\$44,184		
A.	Conceptual-level designs (30%)	12	6	2	16	32	0	4	20	40	0	8	0	0	0	0	140	\$ 16,378.00		
	Develop conceptual-level (30%) designs for new access locations	8	4	2	16	32		4	16	40		8					130	\$ 14,778.00		
	Attend conceptual design review mtg. for new and previous sites	4	2						4								10	\$ 1,600.00		
B.	60% Design Development	22	4	6	42	76	0	6	26	40	12	0	0	0	0	0	234	\$ 27,806.00		
	Address 30% comments and advance access designs to 60%	16	4	4	24	60		6	20	40							174	\$ 19,920.00		
	ALLOWANCE: Complete geotechnical investigations, as needed																0	\$ -		
	Coordinate utility relocation plans (as necessary)				8						12						20	\$ 2,856.00		
	Coordination with City Public Works & Mobility staff and Parks				4												4	\$ 540.00		
	Complete engineer's opinion of probable construction costs	2		2	2	16			2								24	\$ 2,650.00		
	Attend 60% design review meeting with Parks	4			4				4								12	\$ 1,840.00		
5	River Access & Restoration Design Development (thru 90%)	18	2	4	54	94	0	6	26	36	12	12	0	0	0	0	264	\$30,988		
A.	90% Design Development	18	2	4	54	94	0	6	26	36	12	12	0	0	0	0	264	\$ 30,988.00		
	Address 60% comments and advance access designs to 90%	12	2	4	40	80		6	20	36		12					212	\$ 24,112.00		
	Finalize utility relocation plans (as necessary)				4	4					12						20	\$ 2,676.00		
	Coordination with City Public Works & Mobility staff and Parks				2												2	\$ 270.00		
	Update/advance engineer's opinion of probable construction costs	2			4	10			2								18	\$ 2,090.00		
	Attend 90% design review meeting with Parks	4			4				4								12	\$ 1,840.00		
6	River Access & Restoration, Final Design (100%) Const. Docs.	8	2	4	30	72	0	4	18	32	0	0	0	0	0	0	170	\$ 18,830.00		
A.	Final Design (100%) Construction Documents	8	2	4	30	72	0	4	18	32	0	0	0	0	0	0	170	\$ 18,830.00		
	Address 90% comments and advance access designs to 100%	6	2	4	24	60		4	16	32							148	\$ 16,290.00		
	Coordination with City Public Works & Mobility staff and Parks				2												2	\$ 270.00		
	Update/advance engineer's opinion of probable construction costs	2			4	12			2								20	\$ 2,270.00		
7	Permitting	16	0	4	48	124	2	2	6	0	4	0	0	0	0	0	206	\$22,962		
A.	Complete/submit project permit applications	16	0	4	48	124	2	2	6	0	4	0	0	0	0	0	206	\$ 22,962.00		
	Joint Application Permits	6			24	32	2	2	2								68	\$ 7,920.00		
	Floodplain Permit, No-Rise Hydraulic Analysis			4		40											44	\$ 4,180.00		
	Utility Plan Submittal	2			4	8			2		4						20	\$ 2,502.00		
	Section 408 Authorization	4			12	20			2								38	\$ 4,420.00		
	Storm Water Permit (Erosion Control & Storm Water Mgmt. Site Plans)	4			8	24											36	\$ 3,940.00		

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Task Number																			
8	Contractor Procurement / Const. Management - <i>OPTIONAL TASK</i>	24	0	4	16	34	2	2	8	10	4	28	40	8	16	180		376	\$ 45,816.00
A.	Construction Bid Documents / Contractor Procurement	18	0	4	16	34	2	2	8	10	0	8	0	0	0	0		102	\$ 12,498.00
	Finalize Construction Bid Documents	8		4	12	30		2	8	10								74	\$ 8,650.00
	Advertise project for bid on behalf of Parks					4	2											6	\$ 510.00
	Attend pre-bid conference	6										4						10	\$ 1,574.00
	Assist Parks w/ bid evaluation & make contract award recommend.	4			4							4						12	\$ 1,764.00
B.	Construction Management	6	0	0	0	0	0	0	0	0	4	20	40	8	16	180		274	\$ 33,318.00
	Const. Staking (assumes 40 hours of field survey/staking time)	2									2	8	40	8	16			76	\$ 11,310.00
	On-site Construction Inspection (assumes part-time inspection with 20 hours per week, for 8 weeks)	4									2	10				160		176	\$ 19,586.00
	Quality Control testing (compaction)											2				20		22	\$ 2,422.00
																		0	\$ -
	Total Hours by Personnel	150	70	30	250	520	10	40	180	260	32	48	60	40	24	180			
	Total Labor Cost by Personnel	\$26,250	\$10,500	\$4,350	\$33,750	\$46,800	\$750	\$6,000	\$27,000	\$22,100	\$4,736	\$6,288	\$10,200	\$3,840	\$3,072	\$19,440			
	Total Hours by Company	1030						480			384								
	Total Labor Cost by Company	\$122,400						\$55,100			\$47,576						\$12,000		

Other Direct Costs	Units	Rate		Units	Rate					Units	Rate	
Mileage	2400	\$0.56		1800	\$0.56					100	\$0.56	
Per Diem - Meals	10	\$61.00		8	\$61.00							
Survey: GPS Unit (hour)										40	\$24.50	
Survey: Laser Scanner (hour)										20	\$98.00	
Const. Inspection: electronic auto level										20	\$5.00	
Const. Inspection: nuclear densometer										40	\$16.00	
Misc. materials (survey stakes, printing, etc.)	1	\$500.00		1	\$750.00					1	\$100.00	
ODC Subtotals		\$2,454			\$2,246						\$3,836	\$8,536

SUMMARY - Inclusive of all Tasks, including Contractor Procurement & Construction Management (Task 8)			
Total Labor Hours			1630
Total Labor Cost			\$217,580.00
Other Direct Costs			\$8,536.00
Surveying Allowance (Line 36)			\$7,500.00
Geotechnical Investigation Allowance (Line 46)			\$12,000.00
Total Estimate			\$245,616.00

SUMMARY - Excluding Contractor Procurement & Construction Management (Task 8)			
Total Labor Hours			1254
Total Labor Cost			\$171,764.00
Other Direct Costs			\$6,816.00
Surveying Allowance (Line 36)			\$7,500.00
Geotechnical Investigation Allowance (Line 46)			\$12,000.00
Total Estimate			\$198,080.00