



# Exhibit A

## Consulting Scope of Services & Cost Estimate

PROJECT NAME: Missoula Water - Lower Rattlesnake PRV Installation			\$70	\$95	\$95	\$110	\$140	\$150	\$150	\$120	DATE:	July 6, 2021	
100 Series - Preliminary Project Assessment and Planning			Admin	CAD	Technician	Production	Project Manager	Senior Staff		Survey Crew	Consulting Cost Estimate		
Item No.	Description	Scope		Lead Drafter	EI/Other	PE/EI	PE	PE	PLS	GPS	IMEG Services	Direct Expenses	Agency Review Fees
100	Project Management	IMEG project meetings, schedule, and project coordination associated with this portion of work.					2				\$ 280.00		
107	Pre-Design Meeting with Client	Project Manager and select team members will meet with the Client to discuss project goals and project coordination. Initial meeting with Missoula Water to review as-builts of the main and discuss tie in options. Review preliminary survey research. Assumes two meetings total during the preliminary schematic phase for this project.				4	1				\$ 580.00		
119	Review Right-of-Way, Plats & COS's	Time included to complete detailed research on the status of the adjacent right of ways. Assumes no updates of any utility easements sites would be necessary.							1.5		\$ 225.00		
197	Preliminary Alignment Review - Stage 2	Based on the information gained through the initial feasibility tasks and field work, IMEG will prepare a preliminary alignment and connection options of the water main replacement. IMEG will submit preliminary alignment to Missoula Water for review/comment as part of the Stage 2 submittal process.		6		2	1				\$ 930.00		
<b>Series 100 Total</b>			0	6	0	6	4	0	1.5	0	\$ 2,015.00	\$ -	\$ -
200 Series - Field Work & Surveying			Admin	CAD	Technician	Production	Project Manager	Senior Staff		Survey Crew	IMEG Services	Direct Expenses	Agency Review Fees
202	General Site Visit	Engineering staff member to walk site to get general understanding of topography and existing features. Become familiar with the previously unidentified potential challenges to the project and take photos of the site.			1	2	1				\$ 455.00		
241	Utility/Topographic/Right of Way Mapping	IMEG will request a utility locate five business days prior to the survey crew being on site. The visible, above ground utilities and respective underground utility locations will be tied by the survey crew for future placement on to the site map. Time included for a drafter to reduce the mapping into a site map. IMEG survey crews will visit the site and ties structures, improvements, cultural features and ground elevations sufficient to create an accurate map of the site. Contours will be generated at one-foot intervals based upon the collected data, creating a surface suitable for design. Time included for Right of Way Ties. Assumes 1 day of survey crew field work.		4			1	1		8	\$ 1,630.00	\$ 100.00	
<b>Series 200 Total</b>			0	4	1	2	2	1	0	8	\$ 2,085.00	\$ 100.00	\$ -
500 Series - MDEQ: Applications, Sewer Designs; Water Designs; Subdivision Drainage Design			Admin	CAD	Technician	Production	Project Manager	Senior Staff		Survey Crew	IMEG Services	Direct Expenses	Agency Review Fees
500	Project Management	IMEG project meetings, schedule, and project coordination associated with this portion of work.					4				\$ 560.00		
575	DEQ 1 Water System, Report - Exhibits	Develop the water system collection maps for this vicinity and gather hydrant test data. Assumes that Missoula Water will provide the hydrant test data to IMEG for project area.			2						\$ 190.00		
577	DEQ 1 Water System, Report - Produce	Assumes IMEG will complete MDEQ Certified Checklist and design report for this project. Assumes Missoula Water will provide capacity letter and letter on retaining PE to certify improvements. Assumes there will be no Deviation requests. Assumes a full report will need to be utilized as this will be a new PRV. Assumes Missoula Water will provide pressure flow exhibits that detailed the reasoning of the PRV. We would need at least the exhibits or guidance for the report to provide graphs, flows, pressures, exhibits, etc.			8	4	2				\$ 1,480.00		
580	DEQ 1 Water System, Construction Plans - Plan	Complete Construction Plans will be prepared depicting plan view with the location of the new PRV system and approximately 150' of main replacement in Locust. Assumes PRV station will be shown with a detail showing the vault and piping schematically. Assumes up to 2 sheets will be required including a profile view for main replacement.		18		6	2				\$ 2,650.00		
582	DEQ 1 Water System, Construction Plans - Details	Prepare up to two detail sheets including typical details for water main tie ins and PRV construction. Additional coordination with the system Owner is not anticipated for details have been used on similar PRV projects.		4		2	2				\$ 880.00		



