

**MORRISON - MAIERLE, INC.
SUMMARY OF PROPOSED COSTS**

Kelly Island Lift Station Rehabilitation Project

Fee Estimate

MAJOR WORK ITEM	PROJECT ENGINEER	SENIOR ENGINEER	SURVEY MANAGER	DESIGN ELEC ENGINEER	ENG INTERN	DRAFTER	SURVEY CREW	ADMIN	TOTAL HOURS	TOTAL LABOR	
										Phase Total	
Task 1 - Project Management											
Owner Coordination	8	4							12	\$1,916	
Invoicing	2	4							6	\$1,034	
Project Meetings and Oversight	2	2							4	\$664	
Funding Agency Meetings		4							4	\$740	
QA/QC		10							10	\$1,850	\$6,204
Task 2 - Survey											
Site survey	1	1	2				8		12	\$2,340	
Generate Existing Site Conditions	1		4			8	2		15	\$2,205	\$4,545
Task 3 - Preliminary Design											
Data Review	4								4	\$588	
Review of Existing Documentation	4								4	\$588	
Estimate Design Flows/Service Area/Future Growth, Review Mullar	14	3							17	\$2,613	
Alternative Analysis - Lift Station Layout	12	4							16	\$2,504	
Prepare Preliminary Drawings	24	4		8	60			1	97	\$13,405	
Prepare Preliminary Specifications	16	8		4	20			2	50	\$7,278	
Prepare Preliminary Contract Documents	12	6						4	22	\$3,294	
Prepare Technical Memorandum for DEQ/SRF	10	2			8			1	21	\$2,969	
Preprocurement - Pump Selection	18	4							22	\$3,386	
Prepare Preliminary Construction Cost Estimate	10	2			2				14	\$2,096	\$38,721
Task 4 - Final Design											
Respond to MDEQ/City Comments	4	1							5	\$773	
Finalize Drawings	8	2			12				22	\$3,082	
Finalize Specifications	4				8				12	\$1,612	
Finalize Contract Documents	2	1						1	4	\$584	
Update Construction Cost Estimate	2	1							3	\$479	\$6,530
Task 5 - Bidding Services											
Pre-Bid Meeting and Follow-Up Questions/Addenda	12	4						2	18	\$2,714	
Correspondence with Bidders	10								10	\$1,470	
Bid Opening	4	2							6	\$958	
Bid Review and Recommendation	6	2							8	\$1,252	\$6,394
Task 6 - Construction Administration (TBD)											
TOTAL	190	71	6	12	110	8	10	11	418	\$62,394	
Task 7 - Additional Services (Only Used with Authorization from City)											
Additional Services											\$3,120
Total Labor											\$62,394
Total Expenses											\$35
Additional Services (Owner Account)											\$3,120
TOTAL FEE											\$65,548

DIRECT EXPENSE DESCRIPTION	UNITS	NUMBER UNITS	UNIT COST	TOTAL COST
DEQ Review Fee - Funding to be SRF	lump sum	1	\$0	\$0
Vehicle Mileage	miles	45	0.77	\$35
TOTAL DIRECT EXPENSES				\$35