

Windmill Point Pumping Station Upgrades
CM-012-01 Bid Review



Scope and Quantities Summary						Estimated Costs		Bid Summary	
						Owner Supplied Equipment	Contractor Bid Estimate	Selleck Mechanical	Laframboise
Item No.	Description	Quantity	Unit	Unit Rate	Cost	Cost	Cost	Cost	Cost
1.0 REMOVALS									
1.1	Removal and Salvage of Existing Submersible Pumps and Load Wiring	2	ea.	\$6,500.00	\$13,000.00	\$0.00	\$13,000.00		
1.2	Removal of Existing 75mm Discharge Elbows	2	ea.	\$1,000.00	\$2,000.00	\$0.00	\$2,000.00		
1.4	Removal of Existing 150mm Pump Discharge Piping	1	l.s.	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00		
1.5	Remove Existing Monotop Structure	1	l.s.	\$7,500.00	\$7,500.00	\$0.00	\$7,500.00		
1.6	Remove Existing Platform Grating and Structural Elements	1	l.s.	\$3,000.00	\$3,000.00	\$0.00	\$3,000.00		
1.7	Remove and Salvage Existing Wet Well Vent Piping	1	l.s.	\$3,250.00	\$3,250.00	\$0.00	\$3,250.00		
1.8	Miscellaneous Removals - Small Items	1	l.s.	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00		
SUBTOTAL					\$32,250.00	\$0.00	\$32,250.00		
2.0 CIVIL									
2.1	Dewater and Secure Wet Well Access	1	l.s.	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00		
2.2	Supply New Access Hatch	1	ea.	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00		
2.3	Supply and Install New Access Ladder	2	ea.	\$6,000.00	\$12,000.00	\$0.00	\$12,000.00		
2.4	Supply and Install New Monotop with Embedded Hatch	1	ea.	\$14,000.00	\$14,000.00	\$0.00	\$14,000.00		
2.5	Install Galvanized Steel Frost Straps	4	ea.	\$1,000.00	\$4,000.00	\$0.00	\$4,000.00		
2.6	Excavation, Grading, and Site Reinstatement	1	l.s.	\$20,000.00	\$20,000.00	\$0.00	\$20,000.00		
2.7	Crane Mobilization	3	days	\$7,500.00	\$22,500.00	\$0.00	\$22,500.00		
SUBTOTAL					\$97,500.00	\$0.00	\$97,500.00		
3.0 PROCESS									
3.1	Supply and Install New Submersible Pump (Flygt NP 3202)	3	ea.	\$75,000.00	\$225,000.00	\$222,360.00	\$2,640.00		
3.2	Supply and Install New Submersible Pump Base Structures	3	ea.	\$7,500.00	\$22,500.00	\$0.00	\$22,500.00		
3.3	Supply and Install 150mm Check Valve	1	ea.	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00		
3.4	Supply and Install 150mm Butterfly Valve	3	ea.	\$3,500.00	\$10,500.00	\$0.00	\$10,500.00		
3.5	Supply and Install 250x150 DI Reducing Elbow	1	ea.	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00		
3.6	Supply and Install 150mm Stainless Steel Pump Discharge Piping and Fittings	12	m	\$1,800.00	\$21,600.00	\$0.00	\$21,600.00		
3.7	Supply and Install Modified Wet Well Floor Grating	1	l.s.	\$10,000.00	\$10,000.00	\$0.00	\$10,000.00		
3.8	Supply and Install Valve Stem	3	ea.	\$750.00	\$2,250.00	\$0.00	\$2,250.00		
3.9	Supply and Install Valve Boxes	3	ea.	\$750.00	\$2,250.00	\$0.00	\$2,250.00		
SUBTOTAL					\$299,100.00	\$222,360.00	\$76,740.00		
4.0 ELECTRICAL									
4.1	Supply 25" MCC Cabinet with 50 HP VFD with Controls	3	ea.	\$18,000.00	\$54,000.00	\$54,000.00	\$0.00		
4.2	Supply Line Reactors in Dedicated Cabinets	3	ea.	\$4,500.00	\$13,500.00	\$13,500.00	\$0.00		
4.3	MCC Rearrangement and Installation of New Cabinets	1	l.s.	\$35,000.00	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00	\$35,000.00
4.4	Install Pump Load Wiring in Existing Conduits	3	ea.	\$750.00	\$2,250.00	\$0.00	\$2,250.00	\$2,250.00	\$2,250.00
4.5	Supply and Install New Controls Wiring, Conduit, and Modifications to CP-01	1	l.s.	\$8,500.00	\$8,500.00	\$0.00	\$8,500.00	\$8,500.00	\$8,500.00
4.6	Supply and Install Wiring and Conduit, and Hang Cabinets for External Line Reactors	1	l.s.	\$3,500.00	\$3,500.00	\$0.00	\$3,500.00	\$3,500.00	\$3,500.00
4.7	Reinstate Wet Well Electrical Internals (Lighting, outlets, etc.)	1	l.s.	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00	\$1,500.00	\$1,500.00
4.8	Integrator - VFD and SCADA Programming	1	l.s.	\$10,000.00	\$10,000.00	\$0.00	\$10,000.00	\$10,000.00	\$10,000.00
SUBTOTAL					\$128,250.00	\$67,500.00	\$60,750.00	\$60,750.00	\$60,750.00
5.0 OTHER									
5.1	Mobilization / Demobilization	1	l.s.	\$15,000.00	\$15,000.00	\$0.00	\$15,000.00		
5.2	Project Administration, Subcontractor Coordination, Submittals	1	l.s.	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00		
SUBTOTAL					\$20,000.00	\$0.00	\$20,000.00	\$181,645.50	\$199,948.78
TOTAL ESTIMATED PROJECT COST (excluding applicable taxes)					\$577,100.00	\$289,860.00	\$287,240.00	\$242,395.50	\$260,698.78
						Contractor Bid Difference from Estimated Cost		-16%	-9%
TOTAL PROJECT COST (excluding applicable taxes)								\$532,255.50	\$550,558.78

Notes:
Based on quantities in the Windmill Point Pumping Station Upgrades drawings issued for Tender CM-012-01 Issued 04/28/2022
Total project costs based on total of owner-supplied equipment costs, plus bids received. Where provision for portions of the scope was not included in the bids, estimated costs were assigned associated with outstanding scope items.
Nomenclature: l.s. (Lump Sump), ea. (Each), m. (linear meter)