

Exhibit A
City of Nampa Pressure
Irrigation Master Plan Appendix
F "Capital Improvement Plan"

City of Nampa
Pressure Irrigation Master Plan



Project Title: Karcher / Midway New Surface Water Station (South System) Project Identifier: 1.1		Location: Karcher Road / Midway Road on Wilson Drain			
Need for Project: - Increasing irrigation demands as the PI service area grows. - Refer to supply schedule (Appendix G) for timing and demand triggers. Objective: - Construct a new surface water station to meet the PHD of the system. Design Considerations: - Coordinate with irrigation district and developer on exact location of the station. - Assumes a peak capacity of 3,000 gpm - Assumes boring underneath canals - Target Main PZ HGL of 2,630 - 2,640 feet					
General Line Item	Estimated Quantity	Unit	Unit Price	Item Cost (Rounded)	Total Cost (2022 Dollars)
Goods and Services					
12-inch PVC Pipe - Excavation, Backfill, Valves, Fittings, Services	5,000	LF	\$200	\$ 1,000,000	
16-inch PVC Pipe - Excavation, Backfill, Valves, Fittings, Services	2,000	LF	\$200	\$ 400,000	
Roadway Restoration (Full Lane)	6,700	LF	\$60	\$ 402,000	
Connect to Existing PI Main (12" Tapping Saddle and Valve)	5	EA	\$12,000	\$ 60,000	
Boring (36" casing)	100	LF	\$1,800	\$ 180,000	
Boring (24" casing)	200	LF	\$1,400	\$ 280,000	
Surface Water Station (Pump, Building, Wetwell, Electrical, Controls, Valves)	1	EA	\$1,800,000	\$ 1,800,000	
Traffic Control w/o Flaggers	6,700	LF	\$10	\$ 67,000	
				Construction Subtotal	\$ 4,189,000
Additional Elements (estimated % of above)					
Mobilization and Administration			10%	\$ 419,000	
Bonding			2.5%	\$ 105,000	
Contractor Overhead and Profit			15%	\$ 628,000	
Prevailing Wages			0%	\$ -	
Contingency			30%	\$ 1,257,000	
				Total Construction Subtotal	\$ 6,598,000
Plans and Contract Documents					
Engineering Design and Bid Phase Services			15%	\$ 990,000	
Engineering - Construction Contract Administration			5%	\$ 330,000	
Engineering - Inspection			8%	\$ 528,000	
Geotechnical Investigation			LS	\$ 20,000	
SCADA Integration			LS	\$ 30,000	
Surveying			LS	\$ 40,000	
Environmental & Permitting			LS	\$ 20,000	
Legal, Administrative, and Funding			2%	\$ 132,000	
				Total Project Costs (rounded)	\$ 8,690,000

The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our opinion of probable costs at this time and is subject to change as the project design matures. Keller Associates has no control over variances in the cost of labor, materials, equipment, services provided by others, contractor's methods of determining prices, competitive bidding or market conditions, practices or bidding strategies. Keller Associates cannot and does not warrant or guarantee that proposals, bids, or actual construction costs will not vary