

MAGNUM SERVICES

UDBE/MBE/SCS/SBE Certified

Dewatering Proposal Unnamed Tributary to Carpenter Creek Fish Passage Project

Proposal Date: November 30th, 2022
TO: Estimator

Magnum Services is pleased to provide the following proposal for the engineered stamped design, furnishing, installation, testing, operation, and removal of a Temporary Dewatering System. Proposal consists of the following:

Proposal Pricing:

- **Dewatering Areas: Sonic Drilled Dewatering and Depressurization System for the Installation of the Culvert.**

Item No.	Description	Est. Qty	Unit	Unit Price	Total
1	Mobilization, Demobilization, and NOI start cards	LS	LS	\$14,000.00	\$14,000.00
73	Dewatering Plan	LS	LS	\$6,500.00	\$6,500.00
74	Temporary Dewatering System for Culvert Installation. Includes full project duration for rental and maintenance.	LS	LS	\$39,000.00	\$39,000.00

* Work is priced by unit cost only. No lump sum pricing.

***Total \$59,500.00**

Additional Pricing PE Design for Stream Bypass Plan = \$6,500.00

SCOPE / RESPONSIBILITIES

Included:

- Project areas to be dewatered: **Dewatering Areas: Sonic Drilled Dewatering and Depressurization System for the Installation of the Culvert.**

1) Install wells as per design and field conditions. Magnum will provide, the vacuum pumps, filter pack, bentonite seal, decommissioning of wells, discharge piping to settlement tanks and the 8" header pipe. Four (4) well points required for this project.

2) Magnum will provide a licensed (in the state of Washington/Oregon) well driller as required of installations and decommissioning of the dewatering systems.

3) Provide maintenance on the above described well point systems per duration listed in the pricing section.

Magnum MAINTENANCE OF DEWATERING:

A) MAINTENANCE OF SYSTEMS OPERATING.

- B) ALL PUMP MAINTENANCE INCLUDING CHANGING OF FILTER AND FLUIDS.
- C) REMOVING, MOVING AND REPAIRING OF DEWATERING SYSTEMS.
- D) DECOMMISSIONING OF WELLS.

RESPONSIBILITIES OF THE GENERAL CONTRACTOR / OWNER

- 1) Provide access for safe and efficient drilling and decommissioning of well points. Provide traffic control.
- 2) Create drilling bench for 36,000lbs drill rig. Crush rock road access to dewatering system drilling locations as required by site conditions.
- 3) Provide diesel fuel for the vacuum pump. (No Generators Required) **Diesel driven vacuum pump at 9 gallons of diesel per day.**
- 4) Provide water source for drilling operations – Fire Hydrant / Fire Truck.
- 5) Excavation for wells and pump placement. 2x2 trench for road plating and driveways
- 6) Provide excavator / excavator support if required. Excavator or forklift to pull wells out with strap to decommission.
- 7) Removal of obstructions including the removal of asphalt or concrete to allow installation into soils.
- 8) Contractor will be responsible for making provisions to protect our 8" vacuum header pipe and swings as required. Plating and flagging etc.
- 9) The contractor is responsible for the discharge water from the dewatering pump, including permitting, monitoring, testing, treatment, disposal and settlement tanks if required.
- 10) Removal and disposal of all spoils if required.
- 11) Splash pad and/or diffuser for discharge pipe if needed.
- 12) Surface/storm water removal & control, turbidity, erosion control and water level monitoring as required. Including stream diversions.
- 13) Provide city, county, state and federal permits required for all dewatering operations and the discharge of water. DOE NOI and decommissioning permits provided by Magna.
- 14) Disposal and treatment of contaminated water if encountered.
- 15) Provide survey and well point locations as required.
- 16) Bonding and liquidated damages.
- 17) Contractor locate and pot-hole and protect existing utilities. Remove or relocate overhead and underground utility conflicts.

CLARIFICATIONS

- 1) Magnum Services does not guarantee dewatering to be 100% effective. Contractor shall provide any additional dewatering sump pumps if required, to remove pocketed or undrained water not otherwise collected or removed by the dewatering system.
- 2) Magnum will not be responsible for any ground settling or settling of structures. Provide settlement monitoring and monitoring plan if required.
- 3) Any changes in the scope of the project dewatering requirements will be subject to negotiations between the contractor and Magnum Services and require a written addendum attached prior to proceeding with any changes.

TERMS AND CONDITIONS:

- 1) No sales tax included.
- 2) Payment of all invoices, including progress billings, due net 30 days.
- 3) No bonding or additional insurances are included.

This proposal is valid for 30 days and is contingent on mutual development of an agreement between the Contractor/Owner and **Magnum Services**