

**Cascade Drilling -Sonic Drilling Estimate  
City of Camas Water Supply Investigation**

Item No.	Quantity	Units	Item Description	Unit Price	Amount
1	1	L.S.	Mobilization/Demobilization	\$ 1,500.00	\$ 1,500.00
2	300	L.F.	Monitoring Well Drilling	\$ 45.00	\$ 13,500.00
3	300	L.F.	Monitoring Well Casing and Screen	\$ 12.00	\$ 3,600.00
4	60	L.F.	Sand Pack	\$ 5.00	\$ 300.00
5	240	L.F.	Well Seals	\$ 8.00	\$ 1,920.00
6	3	EA	Above Ground Monument & Bollards	\$ 950.00	\$ 2,850.00
7	4	HR.	Well Development	\$ 450.00	\$ 1,800.00
8	1	HR.	Standby Time	\$ 450.00	\$ 450.00
Subtotal					\$25,920.00
WSST (@ 8.4%)					\$ 2,177.28
Total Cost					\$28,097.28

**Assumptions:**

- 3 drilling locations within 500 to 2,500 feet of one another
- track-mounted sonic drill rig
- water available from the City of Camas
- staging area available at the City of Camas Operations Center
- no traffic control required
- drum cuttings, return drums to City identified location for their management/disposal
- ground at each drilling site should be grass, no concrete coring required