



Muller, Inc.

Erosion & Sediment Control | Hydro Excavation | Utilities
Green Infrastructure | Site Work Packages | Bond Release
Pipe Cleaning/Inspection/Repair | Stormwater Maintenance

mullerrec.com | 400 N Washington St, 3rd Fl, Falls Church, VA 22046 | 703-560-4040

SCOPE OF WORK

- Utilize a combination jet-vac truck with 2-man crew to clean approximately (115) EA storm sewer manholes and/or curb inlet structures. - Town to provide phasing schedule and quantity included represents +/- 1/2 of total structures needing to be cleaned.
- Accumulated sediment/debris in each is unknown but assumed to mostly leaves/organics with little to no sediment or solids. Inlet benches & inverts are included in estimate. Excludes pipe cleaning.
- Hourly estimate assumes vacuumed spoils may be dumped at Town owned facility at no cost. If roll off dumpster is provided, it must be low profile, such as a 10 - 12 CY can with max height of 4'. Even so, a ramp may need to be provided or constructed for truck to drive on & back up to the dumpster. It is recommended for a lined dumpster to be provided or liquids may seep out.

NOTES AND CLARIFICATIONS

- Assumes standard working hours between 7:00am and 5:00pm Monday through Friday.
- Assumes direct truck & equipment access in all work areas.
- Traffic control is excluded. Assumes work areas may be secured using standard cones only.
- Assumes 2-man crew may remove manhole lids and COG/COS inlet grates using typical manhole hooks. Additional pricing will be incurred if mechanized equipment is needed for removal or reset.
- Sizes of structures are assumed to be 48" ø bases for manholes and COG/COS inlets 48" x 48" rectangular with 5' - 20' trough opening.
- If vacuumed material needs to be hauled off-site, time spent traveling to dump will be billed and also disposal costs under line 42.

	Description	Estimated Quantity	Unit of Measurement	Unit Price	Extended Price
HEAVY EQUIPMENT - Bidders shall provide pricing for the following equipment with operator:					
1	Backhoe Wheeled 5/8 to 1 Cubic Yard Capacity	0	Hour	\$ 165.00	\$ -
2	Backhoe-Loader, Wheeled, 5/8 to 1 1/4 Cubic Yard Capacity	0	Hour	\$ 165.00	\$ -
3	Backhoe-Loader, Wheeled, 1-3/4 C.Y. Loader, 1/2 Cubic Yard Backhoe	0	Hour	\$ 165.00	\$ -
4	Track hoe (less than 1 Cubic Yard bucket)	0	Hour	\$ 160.00	\$ -
5	Track hoe 1 C.Y. to 1 1/2 Cubic Yard bucket	0	Hour	\$ 285.00	\$ -
6	Bucket Clamshell, General Purpose, 3/8 to 3/4 Cubic Yard Capacity	0	Hour	\$ 72.00	\$ -
7	Bucket Clamshell, General Purpose, 1 to 2 Cubic Yard Capacity	0	Hour	\$ 80.00	\$ -
8	Crane, 6000 Lb. Capacity	0	Hour	\$ 175.00	\$ -
9	Loader, Wheeled, 1 to 1-3/4 Cubic Yard Capacity	0	Hour	\$ 165.00	\$ -
10	Loader, Wheeled, 2 to 3 Cubic Yard Capacity	0	Hour	\$ 195.00	\$ -
11	Tractor with Power Broom	0	Hour	\$ 155.00	\$ -
12	Single Axle Dump Truck	0	Hour	\$ 105.00	\$ -
13	Tandem Axle Dump Truck (Minimum 12 ton Capacity)	0	Hour	\$ 125.00	\$ -
14	Vacuum Truck to 5,000 Gallon Capacity (Vac All)	40	Hour	\$ 345.00	\$ 13,800.00
15	Vacuum Truck for the removal of oil layers	0	Hour	\$ 205.00	\$ -
16	Work Boat (under 27 feet), Skiff Type	0	Hour	\$ 120.00	\$ -
17	Long Reach Track Excavator (50 foot reach or greater)	0	Hour	\$ 350.00	\$ -
18	Standard Track Excavator (under 30 foot reach)	0	Hour	\$ 295.00	\$ -
19	Bulldozer	0	Hour	\$ 295.00	\$ -
20	Watering Truck (2,000 gallons)	0	Hour	\$ 145.00	\$ -
21	Slope/Ditch Mower (Articulated Arm tractor attachment)	0	Hour	\$ 250.00	\$ -
SMALL EQUIPMENT - provide pricing for the following equipment which maybe required during BMP projects:					
22	Sump Pump (under 50 GPM) with sediment bags	0	Day	\$ 475.00	\$ -
23	Compactor, Vibratory Plate 24", 5,000 Lb. Blow	0	Day	\$ 825.00	\$ -
24	Generator (5KW)	0	Day	\$ 250.00	\$ -
25	Dewatering Pump (300 GPM) with sediment bags	0	Day	\$ 275.00	\$ -
MATERIALS:					
26	Aggregate Base Materials VDOT Type I, 21A/B	0	Ton	\$ 30.00	\$ -
27	Bedding Material, #57 Stone	0	Ton	\$ 42.00	\$ -
28	Select Fill Sand VDOT Type I, MIN CBR 20	0	Cubic Yard	\$ 36.00	\$ -
29	Rip Rap Class I	0	Ton	\$ 72.00	\$ -
30	Rip Rap Class II	0	Ton	\$ 82.00	\$ -
31	Rip Rap Class III	0	Ton	\$ 120.00	\$ -
32	Topsoil (2 inch thick)	0	Square Yard	\$ 8.75	\$ -
33	Permanent Seed (less than 0.5% weed content with lime, mulch, and fertilizer, as needed)	0	Square Yard	\$ 0.39	\$ -
34	Silt Fence	0	Linear Feet	\$ 0.58	\$ -
35	Storm Drain Inlet Protection	0	Each	\$ 60.00	\$ -
36	Geotextile Filter Fabric	0	Square Yard	\$ 1.80	\$ -
37	Stone for Erosion Control VDOT Standard EC-1	0	Ton	\$ 72.00	\$ -
38	Degradable Soil Stabilization Fabric VDOT EC-2	0	Square Yard	\$ 0.56	\$ -

39	Non-Degradable Geotextile Grid for Slope Stabilization VDOT EC-3	0	Square Yard	\$ 3.95	\$ -
40	Turbidity Curtain (DCR Type I)	0	Linear Feet	\$ 10.00	\$ -
41	Offsite Material Disposal - Debris and Excavated Soils	0	Cubic Yard	\$ 20.00	\$ -
42	Off-Site Material Disposal (Dredge) – Soils, Sediment and Debris removed from below the waterline at pond locations	0	Cubic Yard	\$ 55.00	\$ -
43	Off-Site Material Disposal – Oil layer removed from BMPs	0	Cubic Yard	\$ 380.00	\$ -
LABOR:					
44	Field Supervisor	0	Hour	\$ 96.00	\$ -
45	Laborer	40	Hour	\$ 82.00	\$ 3,280.00
46	Certified Flagman	0	Hour	\$ 85.00	\$ -
MISCELLANEOUS:					
47	Herbicides – Includes application, equipment, safety gear, and warning signs	0	Gallon	\$ 74.00	\$ -
48	Pesticides – Includes application, equipment, safety gear, and warning signs	0	Gallon	\$ 74.00	\$ -
49	Traffic Control, including crash truck and arrow board (single lane closure)	0	Day	\$ 2,600.00	\$ -
50	Construction Surveying	0	Hour	\$ 275.00	\$ -

NPP Non Pre-Priced Item (Added through Amendment) Not in Contract but Needed to Complete Scope of Work

DESCRIPTION OR CLARIFYING NOTES

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QTY	U/M	UNIT PRICE	TOTAL PRICE
0		\$ -	\$ -
0		\$ -	\$ -
0		\$ -	\$ -
0		\$ -	\$ -
0		\$ -	\$ -

Task Order Estimated Total \$ 17,080.00

*This proposal is a time & materials estimate only and is not a guaranteed price. Listed items may not be all inclusive to successfully complete varying scopes of work.

*Additional items may be needed and will be submitted to client as an amendment to this contract, or through a change order.

*In some situations where a specific line item is needed, but is not an available option, another similar item may have a quantity inputted. In which the unit price is +/- the same. For instance, if a tow behind concrete mixer is needed for a task order but is not an available item, another item such as a "generator" may be used, but is understood to represent what is actually needed. The same unit price listed will be billed.