

Monday, May 15, 2023

Ben Croy
City Engineer
City of Novi
26300 Lee BeGole Drive
Novi, MI 48375

Subject: Water Main at 13 Mile Rd and Novi Rd

LGC Global is pleased to offer the following budgetary proposal to the City of Novi to perform the installation of an 8-inch Water Main through directional boring, connecting with existing water main and Permanent Restoration at Novi Rd and 13 Mile Road.

The proposed scope of services for water main installation includes:

- Documentation Review and Value Engineering (as mentioned below in Table 1).
- Investigation and Coordination with the Vendor and Sub-Contractors.
- Submittals and furnishing materials.
- Maintenance of Traffic
- Dust Control and SESC measures
- Mobilization
- Exploratory digging, Shutdown permits, Dewatering.
- Installation of Water Main, Tie-ins, and Testing.
- Disinfection and Chlorination
- Site Restoration and Landscaping
- Demobilization
- Quality Control, As-builts and Closeout documentation



❖ Value Engineering

No.	Function	Cost Analysis	Service Analysis	Value Analysis
1	Installation of 8-inch WM (Directional Bore)	\$ 123,919.21	Minimum traffic disruption	Highly Preferred
2	Installation of 8-inch WM (Open Cut)	\$ 114,527.28	Major traffic disruption due to Rd closure	Moderately/Less Preferred

Table 1

➤ Proposed Budgetary Pricing

Item No.	Item Description	Unit	Total Qty	Total
1	Mobilization 10% Max.	LS	1	\$11,844.82
2	Pre-Construction Audio-Visual	LS	1	\$6,169.18
3	Water Main HDPE 8" Directional Bore	FT	100	\$ 42,718.00
4	Water Main DI 8", Tr Det G	FT	5	\$ 3,906.79
5	Water Main DI 8", Tr Det F	FT	5	\$ 3,906.79
6	Tapping Sleeve & Valve with Well 8"x8"	EA	1	\$ 10,750.26
7	Tapping Sleeve & Valve with Well 8"x16"	EA	1	\$ 21,659.97
8	Sidewalk, Rem	SYD	9	\$ 474.29
9	Aggregate Base, 4" CL II Granular	SYD	10	\$ 1,208.85

10	Sidewalk Concrete, 4"	SFT	75	\$ 2,547.56
11	Erosion Control, Silt Fence	FT	100	\$ 595.34
12	Surface Restoration	LS	1	\$ 9,377.15
13	Maintenance of Traffic	LS	1	\$ 8,760.23
Total Amount				\$ 123,919.21

We look forward to the opportunity to perform our service and deliver high-quality results.

If you have any questions or comments, please do not hesitate to contact me.

Best regards,
LGC Global, Inc.

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