

Tracey Balint

From: Ben Lewis [blewis@diponioandmorelli.com]
Sent: Thursday, September 17, 2009 3:59 PM
To: Tracey Balint
Subject: Water Main Replacement for M-59 at Nawakwa and Michelson - Cost Estimate
Attachments: Cost Estimate.tif

Tracey,

Attached is our cost estimate. We have assumed the work would be done this year. 21AA limestone would be used to replace the base under the asphalt pavement in the trench and the gravel road trench with a 2" topping after the work is completed.

Call me if you have any questions.

Ben L. Lewis, P.E.

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CITY OF ROCHESTER HILLS
Water Main Replacement for M-59 at Nawakwa and Michelson
CITY FILE #: E09-050

DESCRIPTION	QTY.	UNIT	UNIT PRICE	AMOUNT
Water Main				
1 8" Ductile Iron Water Main (CL-54) with Polywrap (Trench G)	30	LFT	\$129.50	\$3,885.00
2 12" Ductile Iron Water Main (CL-54) with Polywrap (Trench F)	150	LFT	\$73.50	\$11,025.00
3 12" Ductile Iron Water Main (CL-54) with Polywrap (Trench G)	357	LFT	\$90.65	\$32,362.05
4 Connection to Existing Water Main	4	EA	\$3,030.00	\$12,120.00
5 Abandon Existing Water Main (in place)	1	LS	\$4,290.00	\$4,290.00
PAVEMENT, RESTORATION				
6 Remove existing asphalt pavement	400	SYD	\$3.45	\$1,380.00
7 2" HMA, 13A	60	TON	\$114.10	\$6,846.00
8 2" HMA, 3C	60	TON	\$111.85	\$6,711.00
9 EJIW Detectable Warning Plate	12	SFT	\$34.00	\$408.00
10 Concrete Pathway-Sidewalk Ramp/Landing 6"	140	SFT	\$17.50	\$2,450.00
11 Remove & replace brush area with 3" topsoil and seed	1000	SYD	\$4.75	\$4,750.00
GENERAL				
12 Silt Fence	600	LFT	\$2.05	\$1,230.00
13 Insurance, Bonds, Mobilization	1	LS	\$5,940.00	\$5,940.00
14 Maintaining Traffic	1	LS	\$1,210.00	\$1,210.00
15 21A Limestone	250	TN	\$28.25	\$7,062.50
TOTAL ESTIMATED CONSTRUCTION COST				\$101,669.55

Di Ponio & Morelli Construction Co.

By: Ben L. Lewis
Ben L. Lewis, Vice President

Date: 9/17/2009

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* Added item #15, to include stone for project.