# Di Ponio & Morelli Construction Co.

2673 E. Maple Road • Milford, Michigan 48381 Ph: (248) 685-1500 • Fax: (248) 685-7615

City of Rochester Hills
Department of Public Services
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Attn: Roger Moore

RE: 2824 River Trail

#### Dear Mr. Moore:



September 27, 2005



In accordance with your request we have prepared our cost to repair the slope erosion near the proposed end section repair at the referenced address. We have estimated a total of six (6) working days. We are proposing to build a series of wood stops starting at the bottom of the repair at approximately 8' intervals. The purpose of these stops is to keep the earth fill from rolling into the river as fill is placed. We will use the perforated cellular confinement system provided by Price & Company per our onsite meeting with Aron Carlson of Price & Company.

We have tried to limit the size and weight equipment used between the houses and in the rear yards. This will help to reduce the amount of damage to the lawns and protect the adjacent homes. The use of smaller equipment results in more man hours to achieve the same work.

Detailed breakdowns of each category are included for your review.

ltem	Quantity	Unit	Unit Price	Total
Labor	1.00	LS	\$ 24,536.60	\$ 24,536.60
Equipment	1.00	LS	\$ 8,071.80	\$ 8,071.80
Material	1.00	LS	\$ 16,377.80	\$ 16,377.80
Subcontractor & Rental	1.00	LS	\$ 12,281.72	\$ 12,281.72
Subtotal:				\$ 61,267.92
Contingency:	10%			\$ 6,126.79
Total:				\$ 67,394.71

#### Notes to Proposal:

- 1. Access to the site is to be provided by the City of Rochester Hills and adjacent homeowners.
- 2. Lawn and sprinkler repair allowances have been included in the cost.
- 3. Costs will be on a time and material basis not to exceed \$67,394.71 for the slope repair. The pipe repair will be billed separately in accordance with our previous proposal.
- 4. We do not guarantee the repairs. Prior to commencement of work we will meet with the City to discuss our proposed method to stabilize the slope. We will use our best efforts by installing the Geoweb and straw blanket in accordance with the manufacturers recommendations and as directed by the City of Rochester Hills.

City of Rochester Hills REF: 2824 River Trail September 27, 2005

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Should you have any questions or need additional information please contact the undersigned at (248) 685-1500.

Very truly yours
Di PONIO & MORELLI CONSTRUCTION COMPANY

Ben L. Lewis

Attachments

Fax: (248) 656-4758

## CITY OF ROCHESTER HILLS LABOR WORK SHEET 2824 River Trail

			Unit	
Description	Quantity	Unit	Price	Total
Foreman Regular	48.00	HR	\$ 59.40	\$ 2,851.20
Foreman OT	6.00		\$ 79.20	\$ 
Operator Regular	144.00		\$ 59.40	\$ 475.20
Operator OT	18.00	HR	 	 8,553.60
Pipe Layer Regular			\$ 79.20	\$ 1,425.60
Pipe Layer OT	48.00		\$ 46.20	\$ 2,217.60
Laborer Regular	6.00	HR	\$ 62.70	\$ 376.20
· · · · · · · · · · · · · · · · · · ·	144.00	HR	\$ 44.00	\$ 6,336.00
Laborer OT	18.00	HR	\$ 59.40	\$ 1,069.20
Driver Regular	28.00	HR	\$ 44.00	\$ 1,232.00
Driver OT		HR	\$ 59.40	\$ 1,202.00
Flag Person		HR	\$ 40.00	\$ <del>-</del>
Flag Person OT		HR		 <del>-</del>
	<del></del>	חת	\$ 54.00	\$ 
SUDTOTAL LABOR			 	\$ -
SUBTOTAL LABOR:				\$ 24,536.60

#### CITY OF ROCHESTER HILLS EQUIPMENT WORK SHEET 2824 River Trail

Description	Quantity	Unit	Unit Price		Total
Cat 950 - 3 CY Loader	54.00	/hr	\$ 55.00	\$	2,970.00
Generator	6.00		\$ 82.50	\$	<u>2,970.00</u> 495.00
Chain Saw	6.00	/dv	\$ 44.00	\$	264.00
Plate Vibrating Compactor - 2 Ea.	12.00	/dy	\$ 88.00	\$	1,056.00
50 Ton Lowboy (truck & trailer)	20.00	/hr	\$ 49.50	\$	990.00
Semi to Haul Debris	8.00	/hr	\$ 49.50	\$	
Foreman's Truck and tools	54.00	/hr	\$ 18.70	φ \$	396.00
Pickup Truck for deliveries	54.00	/hr	\$ 16.70	φ \$	1,009.80 891.00
			 	\$	
SUBTOTAL EQUIPMENT:				\$	8,071.80

## CITY OF ROCHESTER HILLS MATERIAL WORK SHEET 2824 River Trail

Donovintion		7		Unit	, , , , , , , , , , , , , , , , , , ,
Description Ten Seil/Fill Market	Quantity	Unit		Price	Total
Top Soil/Fill Material	160.00	CY	\$	15.00	\$ 2,400.00
Lumber 4"x4"x12'	110.00	EΑ	\$	16.00	\$ 1,760.00
Lumber 3/4" Plywood 4'x8'	25.00	EΑ	\$	34.00	\$ 850.00
Nails, Screws, Misc.	1.00	LS	\$	150.00	\$ 150.00
6" Edgedrain w/sock	100.00	LF	\$	1.25	\$ 125.00
Fuel for Rental Equipment	250.00	Gal	\$	2.50	\$ 625.00
Presto GW30V60829PT Geweb (6")	2088.00	SF	\$	1.28	\$ 2,672.64
#4 Rerod x 36" Long	540.00	ΕA	\$	1.95	\$ 1,053.00
Atra Clips (550 per box)	1.00	ВХ	\$	275.00	\$ 275.00
BioNet SC150N	2180.00	SY	\$	1.20	\$ 2,616.00
Bio Stake 6" Net Anchor	1.00	BX	\$	69.50	\$ 69.50
Seed & Fertilizer	1.00	LS	\$	250.00	\$ 250.00
Dump Fees	48.00	CY	\$	25.00	\$ 1,200.00
			<del></del> _	20.00	\$ 1,200.00
Subtotal:	****				\$ 14,046.14
Sales Tax:	~			6%	\$ 842.77
Subtotal Material:					\$ 14,888.91
Subtotal Material Mark-up:				10%	\$ 1,488.89
TOTAL MATERIAL:					\$ 16,377.80

# CITY OF ROCHESTER HILLS SUBCONTRACTOR/RENTAL WORK SHEET 2824 River Trail

			Unit	1	
Description	Quantity	Unit			Total
Lawn Restoration - Allowance	1.00		\$ 5,000.00	\$	5,000.00
Sprinkler Restoration - Allowance	1.00	LS	\$ 500.00	\$	500.00
Cat 307 Backhoe	6.00	DY	\$ 445.20	\$	***
Cat 277 Multi Terrain Loader	6.00	DY	\$ 424.00	\$	2,671.20
Post Hole Auger	6.00	DY	\$ 75.00		2,544.00
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Subtotal Subcontractor/Rental:				\$	11,165.20
Subtotal Subcontractor/Rental Mark-up:		Ī	10%	\$	1,116.52
TOTAL SUBCONTRACTOR/RENTAL:				\$	12,281.72

#### DI PONIO & MORELLI CONSTRUCTION 2673 E. Maple Milford, Michigan 48381

(248) 685-1500 / Fax (248) 685-7615

July 14, 2005

City of Rochester Hills

Department of Public Services
1000 Rochester Hills Drive
Rochester Hills, Michigan 48309

Attn: Roger Moore

RE: 2824 River Trail

Dear Mr. Moore:

In accordance with your request we have prepared our cost estimate to repair the separated 24" pipe up stream of the end section at the referenced location. We propose to remove the existing grate in the bell end of the end section. Then insert a short length of 21" PVC pipe through the end section to span the gap between the end section and the upstream pipe. The two ends of the concrete pipe will be tied together with cable on two sides by drilling holes though the concrete pipe and looping the cable. The annular space between the 21" PVC pipe and the 24"" concrete pipe will be grouted and the repair section will be encased in concrete.

We have allowed two days in our estimate to complete the work. This is a time and material estimate.

Detailed breakdowns of each category is included for your review and comment.

			Unit	
<u>Item</u>	Quantity	Unit	Price	Total
Labor	1.00	LS	\$ 3,669.60	\$ 3,669.60
Equipment	1.00	LS	\$ 836.00	\$ 836.00
Material	1.00	LS	\$ 1,176.60	 1,176.60
Subcontractor & Rental				\$ ,
Subtotal:				\$ 5,682.20
Contingency:	10%			\$ 568.22
Total:				\$ 6,250.42

#### Notes to Proposal:

- 1. Access to the site is to be provided by the City of Rochester Hills and adjacent homeowners.
- 2. Lawn, landscape and sprinkler restoration by others.
- 3. Work to be scheduled during low river flow.
- 4. No restoration of the river bank in included in the estimate.
- 5. Repair to disturb the existing conditions as little as possible.

Should you have any questions or need additional information please contact the undersigned at (248) 685-1500.

Very truly yours

DI PONIO & MORELLI CONSTRUCTION COMPANY

Ben L. Lewis

Attachments