

**Work Order Signature Document**

**Contract No.: RH-23-034 Region 1-6 - Civil/Site - Lang Constructors**

**New Work Order**       **Modify an Existing Work Order**

Work Order Number: 1006.00      Work Order Date: 01/30/2025

Work Order Title: Rochester Hills Brooklands Plaza Park Expansion

Owner Name: \_\_\_\_\_ Contractor Name: Lang Constructors Inc

Contact: Dennis Andrews      Contact: Jeff Lang

Phone: 248-841-2556      Phone: 810-743-6702

**Work to be Performed**

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of Contract No RH-23-034 Region 1-6 - Civil/Site - Lang Constructors.

Brief Work Order Description:

Finalize working drawings from concept of park expansion. Build out park expansion complete with hard surfaces, lawn and landscape areas, trees, shrubs, plantings, seating, decorative features, lighting, etc.

**Time of Performance**

**Liquidated Damages**      Will apply:       Will not apply:

**Work Order Firm Fixed Price: \$1,319,648.09**

Owner Purchase Order Number:

**Approvals**

\_\_\_\_\_  
Owner      Date

\_\_\_\_\_  
Contractor      Date



**Detailed Scope of Work**

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**To:** Jeff Lang  
Lang Constructors Inc  
9145 Corunna Rd.  
Flint, MI 48532  
810-743-6702

**From:** Dennis Andrews  
City of Rochester Hills  
1000 Rochester Hills Dr.  
Rochester Hills, MI 48309  
248-841-2556

**Date Printed:** January 30, 2025

**Work Order Number:** 1006.00

**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

**Brief Scope:** Finalize working drawings from concept of park expansion. Build out park expansion complete with hard surfaces, lawn and landscape areas, trees, shrubs, plantings, seating, decorative features, lighting, etc.

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Preliminary

Revised

Final

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The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

See Detailed Scope documents attached

\_\_\_\_\_  
Contractor Date

\_\_\_\_\_  
Owner Date

## Contractor's Price Proposal - Summary

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**Date:** January 30, 2025

**Re:** Master Contract #: RH-23-034 Region 1-6 - Civil/Site - Lang Constructors  
Work Order #: 1006.00  
Owner PO #:  
Title: Rochester Hills Brooklands Plaza Park Expansion  
Contractor: Lang Constructors Inc  
Proposal Value: \$1,319,648.09

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<b>BENCHES</b>	<b>\$213,922.75</b>
<b>CONCRETE</b>	<b>\$249,573.42</b>
<b>EARTHWORK</b>	<b>\$223,606.75</b>
<b>ELECTRICAL</b>	<b>\$112,364.35</b>
<b>LANDSCAPING</b>	<b>\$124,106.60</b>
<b>MOBILZATION</b>	<b>\$12,678.55</b>
<b>PLUMBING</b>	<b>\$8,949.28</b>
<b>SITE FURNISHING</b>	<b>\$65,141.29</b>
<b>SITE PROTECTION</b>	<b>\$31,768.64</b>
<b>STORM DRAIN</b>	<b>\$41,301.09</b>
<b>SUPERVISION</b>	<b>\$53,173.80</b>
<b>WATER FEATURE</b>	<b>\$183,061.57</b>
<b>Proposal Total</b>	<b>\$1,319,648.09</b>

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The Percentage of NPP on this Proposal: 30.05%

# Contractor's Price Proposal - Detail

Date: January 30, 2025

Re: Master Contract #: RH-23-034 Region 1-6 - Civil/Site - Lang Constructors  
 Work Order #: 1006.00  
 Owner PO #:  
 Title: Rochester Hills Brooklands Plaza Park Expansion  
 Contractor: Lang Constructors Inc  
 Proposal Value: \$1,319,648.09

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		

## BENCHES

1	32 00 00 00 0000		Is	Landscape Forms Benches	\$213,922.75			
				Quantity	Unit Price	Factor	=	Total
				1.00	171,138.20	x	1.2500	213,922.75
				Installation				
				BENCHES				

Subtotal for BENCHES **\$213,922.75**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		

## CONCRETE

2	01 22 23 00 0291		MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	\$57,466.24			
				Quantity	Unit Price	Factor	=	Total
				3.00	16,729.62	x	1.1450	57,466.24
				Installation				
				SKIDSTEER FOR BREAKING REMOVING LOADING				
3	01 22 23 00 0296		WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	\$863.77			
				Quantity	Unit Price	Factor	=	Total
				1.00	754.38	x	1.1450	863.77
				Installation				
				BREAK UP CONCRETE				
4	01 22 23 00 0433		MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	\$18,827.93			
				Quantity	Unit Price	Factor	=	Total
				1.00	16,443.61	x	1.1450	18,827.93
				Installation				
				GRADE				
5	01 74 19 00 0019		MO	Ramped Concrete Washout BinIncludes delivery.	\$679.90			
				Quantity	Unit Price	Factor	=	Total
				1.00	593.80	x	1.1450	679.90
				Installation				
				CONCRETE WASHOUT BIN				
6	01 74 19 00 0020		EA	Interim Vacuum Service, Concrete Washout BinIncludes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.	\$680.65			
				Quantity	Unit Price	Factor	=	Total
				1.00	594.45	x	1.1450	680.65
				Installation				
				1 CONCRETE WASHOUT BIN				
7	01 74 19 00 0021		EA	Vacuum, Pickup, Swap And Dump, Concrete Washout BinIncludes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.	\$5,898.95			
				Quantity	Unit Price	Factor	=	Total
				4.00	1,287.98	x	1.1450	5,898.95
				Installation				
				CLEANED 4 TIMES				

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>CONCRETE</b>					
8	02 41 13	13 0029	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	\$67.86
				Quantity	Unit Price
			Installation	1.44 x	41.16 x
					Factor =
					Total 67.86
				EXISTING CONCRETE DEMO	
9	02 41 16	13 0037	SF	16" Thick Reinforced Concrete Foundation Wall Demolition	\$4,006.72
				Quantity	Unit Price
			Installation	242.00 x	14.46 x
					Factor =
					Total 4,006.72
				DEMO 3 CONCRETE BENCHES	
10	02 41 19	13 0071	EA	Saw Cut Minimum ChargeFor projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	\$996.94
				Quantity	Unit Price
			Installation	1.00 x	870.69 x
					Factor =
					Total 996.94
				REMOVE CONCRETE	
11	03 01 30	71 0043	LF	>1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)	\$11,782.05
				Quantity	Unit Price
			Installation	1,500.00 x	6.86 x
					Factor =
					Total 11,782.05
				JOINT SEALNAT	
12	03 11 13	00 0084	LF	60" Diameter Round Fiber Tube Formwork	\$5,418.46
				Quantity	Unit Price
			Installation	28.00 x	169.01 x
					Factor =
					Total 5,418.46
				WATER FEATURE CONCRETE	
13	03 11 16	13 0002	SF	Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	\$1,123.47
				Quantity	Unit Price
			Installation	223.00 x	4.40 x
					Factor =
					Total 1,123.47
				WATER FEATURE CONCRETE	
14	03 31 13	00 0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	\$43,674.89
				Quantity	Unit Price
			Installation	192.20 x	198.46 x
					Factor =
					Total 43,674.89
				NEW CONCRETE PAVT.	
15	03 31 13	00 0035 0029		For 3,500 PSI Concrete, Add	\$1,872.79
				Quantity	Unit Price
			Installation	192.20 x	8.51 x
					Factor =
					Total 1,872.79
16	03 31 13	00 0035 0036		For White Cement Concrete, Add	\$4,496.01
				Quantity	Unit Price
			Installation	192.20 x	20.43 x
					Factor =
					Total 4,496.01
17	03 31 13	00 0035 0042		For >100 To 200, Deduct	-\$873.67
				Quantity	Unit Price
			Installation	192.20 x	-3.97 x
					Factor =
					Total -873.67
18	03 31 13	00 0076	CY	Crane And Bucket, Place 3,000 PSI Concrete Coping	\$40,183.55
				Quantity	Unit Price
			Installation	68.00 x	516.10 x
					Factor =
					Total 40,183.55
				WATER FEATURE CONCRETE	

**Contractor's Price Proposal - Detail Continues..**

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>CONCRETE</b>					
19	03 35 13 00 0004		SF	Broom, Concrete Floor Finish	\$7,509.25
				Quantity	Unit Price
				6,246.00 x	1.05 x
					Factor =
					Total
					7,509.25
				TYPE 1 CONCRETE FINISH	
20	03 35 13 00 0004 0053		MOD	For >5,000 To 10,000, Deduct	-\$357.58
				Quantity	Unit Price
				6,246.00 x	-0.05 x
					Factor =
					Total
					-357.58
21	03 35 13 00 0005		SF	Final Float, Concrete Floor Finish	\$8,725.04
				Quantity	Unit Price
				6,246.00 x	1.22 x
					Factor =
					Total
					8,725.04
				TYPE 1 CONCRETE FINISH	
22	03 35 13 00 0005 0053		MOD	For >5,000 To 10,000, Deduct	-\$429.10
				Quantity	Unit Price
				6,246.00 x	-0.06 x
					Factor =
					Total
					-429.10
23	03 35 19 00 0004		SF	Clear Acrylic Sealer, Hardener And Dustproofer	\$3,168.99
				Quantity	Unit Price
				8,649.00 x	0.32 x
					Factor =
					Total
					3,168.99
				SEAL	
24	03 35 23 00 0002		SF	Exposed Aggregate, Concrete Floor Finish	\$7,291.30
				Quantity	Unit Price
				2,403.00 x	2.65 x
					Factor =
					Total
					7,291.30
				TYPE 2 CONCRETE FINISH	
25	03 35 43 00 0002		SF	Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	\$5,186.85
				Quantity	Unit Price
				3,000.00 x	1.51 x
					Factor =
					Total
					5,186.85
				REMOVAL OF STRIPE	
26	03 35 43 00 0006		SF	Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	\$3,022.80
				Quantity	Unit Price
				3,000.00 x	0.88 x
					Factor =
					Total
					3,022.80
				REMOVAL OF STRIPE	
27	03 35 66 00 0002		SF	Concrete Floor Finishes, Etch With Acid And Rinse	\$3,091.50
				Quantity	Unit Price
				3,000.00 x	0.90 x
					Factor =
					Total
					3,091.50
				REMOVE FINISH ON SPLASH PAD	
28	03 39 13 00 0002		SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.	\$1,794.07
				Quantity	Unit Price
				5,403.00 x	0.29 x
					Factor =
					Total
					1,794.07
				RESEAL SPLASH PAD AND NEW TYPE 2	
29	03 41 23 00 0020		EA	3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser	\$1,841.25
				Quantity	Unit Price
				2.00 x	804.04 x
					Factor =
					Total
					1,841.25
				CONCRETE STEPS	

**Contractor's Price Proposal - Detail Continues..**

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>CONCRETE</b>					
30	32 16 13 13 0014		EA	Additional Finish For Handicap Drop Section In Curb	\$125.61
				Installation	
				Quantity	Unit Price
				2.00 x	54.85 x
				Factor	Total
				1.1450 =	125.61
				NEW CONCRETE CURBS	
31	32 16 13 13 0017		LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius	\$5,345.89
				Installation	
				Quantity	Unit Price
				197.00 x	23.70 x
				Factor	Total
				1.1450 =	5,345.89
				NEW CONCRETE CURBS	
32	32 31 13 13 0025		VLF	8" Diameter, Concrete Fill For Post Hole	\$1,595.90
				Installation	
				Quantity	Unit Price
				92.00 x	15.15 x
				Factor	Total
				1.1450 =	1,595.90
				F FIXTURES = 23X 4FT DEEP = 92 VLF	
33	32 31 13 13 0028		VLF	18" Diameter, Concrete Fill For Post Hole	\$2,929.64
				Installation	
				Quantity	Unit Price
				84.00 x	30.46 x
				Factor	Total
				1.1450 =	2,929.64
				P3S 18"X 4FT 3 TIMES AND FENCE FOUNDATIONS 36" DEEP X 21 LOCATIONS = 72 VLF	
34	32 31 13 13 0031		VLF	36" Diameter, Concrete Fill For Post Hole	\$1,565.50
				Installation	
				Quantity	Unit Price
				25.00 x	54.69 x
				Factor	Total
				1.1450 =	1,565.50
				CONCRETE FOR 5 SHADE COLUMNS	

**Subtotal for CONCRETE** **\$249,573.42**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>EARTHWORK</b>					
35	01 22 23 00 0199		MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	\$22,514.08
				Installation	
				Quantity	Unit Price
				1.00 x	19,662.95 x
				Factor	Total
				1.1450 =	22,514.08
				COMPACTION OF SUBBASE	
36	01 22 23 00 0291		MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	\$57,466.24
				Installation	
				Quantity	Unit Price
				3.00 x	16,729.62 x
				Factor	Total
				1.1450 =	57,466.24
				SKIDSTEER FOR GRADING AND UNDERCUT	
37	01 22 23 00 0291 0066		MOD	For Equipment Without Operator, Deduct	-\$30,634.41
				Installation	
				Quantity	Unit Price
				2.00 x	-13,377.47 x
				Factor	Total
				1.1450 =	-30,634.41
38	01 22 23 00 0312		MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	\$2,404.23
				Installation	
				Quantity	Unit Price
				3.00 x	699.92 x
				Factor	Total
				1.1450 =	2,404.23
				FOR LIGHING/FENCE/ COLUMNS	
39	01 22 23 00 0315		MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	\$677.66
				Installation	
				Quantity	Unit Price
				3.00 x	197.28 x
				Factor	Total
				1.1450 =	677.66
				FOR LIGHTING/FENCE/ COLUMNS	

**Contractor's Price Proposal - Detail Continues..**

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>EARTHWORK</b>					
40	01 22 23 00 0433		MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator	\$28,241.90
			Installation	Quantity 1.50 x Unit Price 16,443.61 x Factor 1.1450 = Total 28,241.90	
				DIG	
41	01 22 23 00 0433 0066		MOD	For Equipment Without Operator, Deduct	-\$16,091.38
			Installation	Quantity 1.00 x Unit Price -14,053.61 x Factor 1.1450 = Total -16,091.38	
42	01 22 23 00 1054		WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	\$4,837.65
			Installation	Quantity 1.00 x Unit Price 4,225.02 x Factor 1.1450 = Total 4,837.65	
				AID IN SETTING OF NEW STRUCTURES WITH BACKHOE	
43	01 74 19 00 0035		CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	\$25,779.85
			Installation	Quantity 523.00 x Unit Price 43.05 x Factor 1.1450 = Total 25,779.85	
				LANDFILL DUMP FEE + SWELL	
44	01 74 19 00 0037		CYM	Hauling On Paved Roads, First 15 Miles	\$7,365.67
			Installation	Quantity 7,845.00 x Unit Price 0.82 x Factor 1.1450 = Total 7,365.67	
				HAULING OF ALL EXCAVATED MATERIALS TO NEAREST ACCEPTING LANDFILL 523 X 15 MILES AWAY	
45	31 05 13 00 0002		CY	Bank Run/Fill Sand	\$3,455.61
			Installation	Quantity 100.00 x Unit Price 30.18 x Factor 1.1450 = Total 3,455.61	
				BALANCE SITE	
46	31 05 16 00 0004		CY	#4 Stone Aggregate Fill (3/4" To 1-1/2" Clean)	\$18,162.61
			Installation	Quantity 298.00 x Unit Price 53.23 x Factor 1.1450 = Total 18,162.61	
				4" AGG BASE	
47	31 23 16 13 0002		CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	\$71,228.16
			Installation	Quantity 7,200.00 x Unit Price 8.64 x Factor 1.1450 = Total 71,228.16	
				TRENCHING FOR UNDERGROUND ELECTRICAL @ 36" MIN DEPTH AND PLUMBING @ 60" MIN	
48	31 23 16 13 0002 0059			For Excavation In Heavy/Wet Material (Class C), Add	\$28,524.24
			Installation	Quantity 7,200.00 x Unit Price 3.46 x Factor 1.1450 = Total 28,524.24	
49	31 23 16 13 0002 0064			For >1,000, Deduct	-\$21,351.96
			Installation	Quantity 7,200.00 x Unit Price -2.59 x Factor 1.1450 = Total -21,351.96	
50	31 23 16 13 0010		CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	\$399.04
			Installation	Quantity 115.40 x Unit Price 3.02 x Factor 1.1450 = Total 399.04	
				4" AGG BASE	



**Contractor's Price Proposal - Detail Continues..**

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Labor	Equip.	Material	(Excluded if marked with an X)		
<b>EARTHWORK</b>					
51	31 23 16 13 0010	0067		For >50 To 250, Add	\$100.42
				Installation	
			Quantity	Unit Price	Factor = Total
			115.40 x	0.76 x	1.1450 = 100.42
52	31 23 16 13 0010		CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	\$1,324.38
				Installation	
			Quantity	Unit Price	Factor = Total
			383.00 x	3.02 x	1.1450 = 1,324.38
			BACKFILLING TRENCHES AND ADJUSTED GRADES		
53	31 23 16 13 0016		CY	Load Excess Material by Machine for Removal from Excavation for Trenching	\$3,143.88
				Installation	
			Quantity	Unit Price	Factor = Total
			523.00 x	5.25 x	1.1450 = 3,143.88
			REMOVING EXCESS ECVAVTED AND TRENCHED MATERIALS		
54	31 23 16 16 0014		VLF	36" Diameter Hole, Auger By Machine Post Hole In Soil	\$1,089.58
				Installation	
			Quantity	Unit Price	Factor = Total
			30.00 x	31.72 x	1.1450 = 1,089.58
			5 SHADE COLUMNS 6FT DEEP 36" WIDE		
55	31 23 16 33 0009		CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine	\$991.11
				Installation	
			Quantity	Unit Price	Factor = Total
			160.00 x	5.41 x	1.1450 = 991.11
			ROUGH GRADE PARK ELEVATIONS		
56	31 24 13 00 0005		CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose RockIncludes compacted aggregate	\$4,012.19
				Installation	
			Quantity	Unit Price	Factor = Total
			523.00 x	6.70 x	1.1450 = 4,012.19
			14 IN UNCERCUT FOR 6" CONCRETE 8" STONE BASE 1.4 SWELL		
57	31 24 13 00 0018		SY	Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	\$1,043.85
				Installation	
			Quantity	Unit Price	Factor = Total
			1,154.00 x	0.79 x	1.1450 = 1,043.85
			4" AGG BASE		
58	32 31 13 13 0008		VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	\$1,336.76
				Installation	
			Quantity	Unit Price	Factor = Total
			92.00 x	12.69 x	1.1450 = 1,336.76
			F FIXTURES = 23X 4FT DEEP = 92 VLF		
59	32 31 13 13 0011		VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil	\$1,742.78
				Installation	
			Quantity	Unit Price	Factor = Total
			84.00 x	18.12 x	1.1450 = 1,742.78
			P3S 18"X 4FT 3 TIMES AND FENCE FOUNDATIONS 36" DEEP X 21 LOCATIONS = 72 VLF		
60	32 31 13 13 0014		VLF	36" Diameter Hole, Auger By Machine Fence Post Hole In Soil	\$1,089.58
				Installation	
			Quantity	Unit Price	Factor = Total
			30.00 x	31.72 x	1.1450 = 1,089.58
			FENCE		
61	32 31 13 13 0051		VLF	8" Diameter, Compacted Earth Fill For Post Hole	\$850.09
				Installation	
			Quantity	Unit Price	Factor = Total
			92.00 x	8.07 x	1.1450 = 850.09
			F FIXTURES = 23X 4FT DEEP = 92 VLF		

**Contractor's Price Proposal - Detail Continues..**

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Labor	Equip.	Material	(Excluded if marked with an X)					
<b>EARTHWORK</b>								
62	32 31 13 13 0054		VLF	18" Diameter, Compacted Earth Fill For Post Hole	\$1,286.89			
				Quantity	Unit Price	Factor	=	Total
			Installation	84.00	13.38	1.1450		1,286.89
				P3S AND FENCE FOUNDATIONS 36" DEEP X 21 LOCATIONS = 72 VLF				
63	32 31 13 13 0057		VLF	36" Diameter, Compacted Earth Fill For Post Hole	\$609.71			
				Quantity	Unit Price	Factor	=	Total
			Installation	30.00	17.75	1.1450		609.71
				5 SHADE COLUMNS				
64	32 91 13 36 0002		MSF	Rake Topsoil With Machine	\$430.96			
				Quantity	Unit Price	Factor	=	Total
			Installation	6.00	62.73	1.1450		430.96
65	32 91 19 13 0012		SY	Furnish And Place Imported Screened Topsoil, 4" Deep	\$1,575.38			
				Quantity	Unit Price	Factor	=	Total
			Installation	212.00	6.49	1.1450		1,575.38
				TOPSOIL FOR LAWN PANELS				
<b>Subtotal for EARTHWORK</b>					<b>\$223,606.75</b>			

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
<b>ELECTRICAL</b>								
66	01 22 23 00 0291		MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	\$19,155.41			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	16,729.62	1.1450		19,155.41
				TRENCHING/FIXTURES				
67	26 05 19 16 0089		MLF	#8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable	\$4,143.43			
				Quantity	Unit Price	Factor	=	Total
			Installation	2.00	1,809.36	1.1450		4,143.43
				COPPER CONDUCTOR AND PIGTAILS				
68	26 05 26 00 0100		EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods	\$445.28			
				Quantity	Unit Price	Factor	=	Total
			Installation	3.00	129.63	1.1450		445.28
				GROUND RODS				
69	26 05 26 00 0107		EA	8" Diameter x 24" Deep Precast Ground Access Well With cast iron grate.	\$1,116.83			
				Quantity	Unit Price	Factor	=	Total
			Installation	4.00	243.85	1.1450		1,116.83
				GROUND RODS				
70	26 05 33 13 0010		CLF	3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available.	\$15,827.91			
				Quantity	Unit Price	Factor	=	Total
			Installation	15.00	848.28	1.1450		14,569.21
			Demolition	5.00	219.86	1.1450		1,258.70
				NEW POWER WIRING RAN IN TRENCHES. DEMO OF EXISTING POWER WIRING				

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>ELECTRICAL</b>					
71	26 05 46 00 0096		EA	20', Steel Taped Shaft Distribution Pole	\$12,604.70
				Installation	
				Quantity	Unit Price
				3.00 x	3,669.49 x
					Factor =
					Total
					12,604.70
				P3 POLES	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	
72	26 09 23 00 0155		EA	8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	\$1,851.22
				Installation	
				Quantity	Unit Price
				1.00 x	1,616.79 x
					Factor =
					Total
					1,851.22
				LIGHTING CONTROL PANEL	
73	26 55 13 00 0007		EA	36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	\$10,255.33
				Installation	
				Quantity	Unit Price
				6.00 x	1,492.77 x
					Factor =
					Total
					10,255.33
				ELECTICAL BOLLARDS	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	
74	26 55 16 00 0037		EA	13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	\$10,640.76
				Installation	
				Quantity	Unit Price
				11.00 x	844.84 x
					Factor =
					Total
					10,640.76
				F2S	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	
75	26 55 29 00 0004		EA	1,000 Watt, 120 Volt Underwater Lights	\$6,536.35
				Installation	
				Quantity	Unit Price
				4.00 x	1,427.15 x
					Factor =
					Total
					6,536.35
				WATERFEATURE LIGHTS F4S	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	
76	26 55 53 11 0226		EA	20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG)	\$12,968.91
				Installation	
				Quantity	Unit Price
				12.00 x	943.88 x
					Factor =
					Total
					12,968.91
				POLE LED PACKS 4 PER 3 POLES	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	
77	26 56 19 00 0238		EA	48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™)	\$16,818.22
				Installation	
				Quantity	Unit Price
				8.00 x	1,836.05 x
					Factor =
					Total
					16,818.22
				F1S MURAL LIGHTING	
				NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG	

**Subtotal for ELECTRICAL** **\$112,364.35**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>LANDSCAPING</b>					
78	01 22 23 00 0291		MO	2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	\$57,466.24
				Installation	
				Quantity	Unit Price
				3.00 x	16,729.62 x
					Factor =
					Total
					57,466.24
				SKID STEERS WITH ATACHMENTS FOR RELOCATING TREES HALF TIME OPERATOR	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>LANDSCAPING</b>					
79	01 22 23 00 1054		WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	\$6,047.06
				Installation	
				Quantity	
				1.25 x	
				Unit Price	
				4,225.02 x	
				Factor	
				1.1450 =	
				Total	6,047.06
				RELOCATING TREES	
80	32 91 13 16 0007		CY	Shredded Pine Mulch	\$2,672.89
				Installation	
				Quantity	
				32.00 x	
				Unit Price	
				72.95 x	
				Factor	
				1.1450 =	
				Total	2,672.89
				NEW MULCH	
81	32 91 13 26 0002		SF	Up To 8" Deep, Prepare And Mix Plant Bed, By MachineIncludes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.	\$2,261.38
				Installation	
				Quantity	
				2,500.00 x	
				Unit Price	
				0.79 x	
				Factor	
				1.1450 =	
				Total	2,261.38
				PREP NEW LANDSCAPE BEDS	
82	32 91 13 26 0018		SY	Up To 3 Oz/SY Non Woven, Polypropylene Weed Barrier	\$464.76
				Installation	
				Quantity	
				198.00 x	
				Unit Price	
				2.05 x	
				Factor	
				1.1450 =	
				Total	464.76
				WEED BARRIER FOR NEW PLANTS AND BEDS	
83	32 91 13 33 0011		SY	Vermiculite, Push Spreader	\$580.38
				Installation	
				Quantity	
				198.00 x	
				Unit Price	
				2.56 x	
				Factor	
				1.1450 =	
				Total	580.38
				PLANT FOOD FOR NEW PLANTS AND BEDS	
84	32 92 19 13 0021		MSF	Utility Mix, Hydro Or Air Seeding7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	\$223.28
				Installation	
				Quantity	
				2.50 x	
				Unit Price	
				78.00 x	
				Factor	
				1.1450 =	
				Total	223.28
				LAWN PANELS	
85	32 92 19 19 0006		MSF	Turf Mix, Push Spreader Or Hand4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.	\$219.10
				Installation	
				Quantity	
				2.50 x	
				Unit Price	
				76.54 x	
				Factor	
				1.1450 =	
				Total	219.10
				MISC GRASS SEED RESTORING EXISTING AREAS	
86	32 93 13 00 0057		EA	3 Gallon Ilex cornuta - Dwarf Holly	\$371.80
				Installation	
				Quantity	
				8.00 x	
				Unit Price	
				40.59 x	
				Factor	
				1.1450 =	
				Total	371.80
				NEW PLANTS SUB FOR INKBEERY	
87	32 93 13 00 0101		EA	1 Gallon Ophiopogon Japonicus - Mondo grass	\$7,960.84
				Installation	
				Quantity	
				277.00 x	
				Unit Price	
				25.10 x	
				Factor	
				1.1450 =	
				Total	7,960.84
				GRASS SUB FOR KARL FOERSTER	
88	32 93 13 00 0140		EA	48 Plant Flat Vinca minor - Lesser Periwinkle	\$5,123.23
				Installation	
				Quantity	
				36.00 x	
				Unit Price	
				124.29 x	
				Factor	
				1.1450 =	
				Total	5,123.23
				NEW PLANTS	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>LANDSCAPING</b>					
89	32 93 13 00 0166		EA	1 Gallon, Pennisetum setaceum - Fountain Grass	\$4,008.23
				Installation	
				Quantity	Unit Price
				52.00 x	67.32 x
				Factor	Total
				1.1450 =	4,008.23
				NEW PLANTS	
90	32 93 23 00 0010		EA	1 Gallon Black-eyed Susan	\$1,377.32
				Installation	
				Quantity	Unit Price
				46.00 x	26.15 x
				Factor	Total
				1.1450 =	1,377.32
				NEW PLANTS	
91	32 93 23 00 0100		EA	1 Gallon Autumn Joy Sedum	\$5,386.84
				Installation	
				Quantity	Unit Price
				118.00 x	39.87 x
				Factor	Total
				1.1450 =	5,386.84
				NEW PLANTS	
92	32 93 33 00 0210		EA	3 Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla	\$1,848.03
				Installation	
				Quantity	Unit Price
				30.00 x	53.80 x
				Factor	Total
				1.1450 =	1,848.03
				NEW PLANTS	
93	32 93 33 00 0247		EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	\$1,525.41
				Installation	
				Quantity	Unit Price
				56.00 x	23.79 x
				Factor	Total
				1.1450 =	1,525.41
				NEW PLANTS	
94	32 93 33 00 0257		EA	2 Gallon Hypericum kalmianum - St. John's Wort	\$790.05
				Installation	
				Quantity	Unit Price
				30.00 x	23.00 x
				Factor	Total
				1.1450 =	790.05
				NEW PLANTS	
95	32 93 33 00 0653		EA	24" Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	\$389.05
				Installation	
				Quantity	Unit Price
				6.00 x	56.63 x
				Factor	Total
				1.1450 =	389.05
				NEW PLANTS	
96	32 93 43 00 0189		EA	3" Caliper Malus cvs - Crabapple Varieties	\$3,808.09
				Installation	
				Quantity	Unit Price
				8.00 x	415.73 x
				Factor	Total
				1.1450 =	3,808.09
				NEW TREES	
97	32 93 43 00 0759		EA	5" Caliper Quercus rubra - Red Oak	\$1,812.72
				Installation	
				Quantity	Unit Price
				4.00 x	395.79 x
				Factor	Total
				1.1450 =	1,812.72
				NEW TREES	
98	32 93 83 00 0030		EA	3" Caliper Balled And Burlapped Tree Planting	\$3,592.64
				Installation	
				Quantity	Unit Price
				8.00 x	392.21 x
				Factor	Total
				1.1450 =	3,592.64
				PLANTING OF SPARKLING SPRITE CRABAPPLE	
99	32 93 83 00 0032		EA	4" Caliper Balled And Burlapped Tree Planting	\$2,288.63
				Installation	
				Quantity	Unit Price
				4.00 x	499.70 x
				Factor	Total
				1.1450 =	2,288.63
				PLANTING OF NEW NORTHERN RED OAKS 4 TREES AT 5" CAL	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>LANDSCAPING</b>					
100	32 93 83 00 0034		EA	1 Gallon Container Shrub Planting	\$3,920.16
				Installation	
				Quantity	Unit Price
				277.00 x	12.36 x
				Factor	Total
				1.1450 =	3,920.16
				PLANTING OF GRASSES	
101	32 93 83 00 0036		EA	3 Gallon Container Shrub Planting	\$3,118.69
				Installation	
				Quantity	Unit Price
				125.00 x	21.79 x
				Factor	Total
				1.1450 =	3,118.69
				PLANTING OF INKBERRY/HYDRANGEA/BLUEMIST/ST JOHNS	
102	32 93 83 00 0038		EA	5 Gallon Container Shrub Planting	\$249.52
				Installation	
				Quantity	Unit Price
				6.00 x	36.32 x
				Factor	Total
				1.1450 =	249.52
				PLANTING OF KOREAN SPICE	
103	32 93 83 00 0064		EA	1 Gallon Container Groundcover And Flower Planting	\$612.03
				Installation	
				Quantity	Unit Price
				46.00 x	11.62 x
				Factor	Total
				1.1450 =	612.03
				PLANTING OF BLACK EYED SUSANS	
104	32 93 83 00 0070		EA	Bulb Planting	\$102.23
				Installation	
				Quantity	Unit Price
				124.00 x	0.72 x
				Factor	Total
				1.1450 =	102.23
				PLANTING OF TYPE 3	
105	32 94 49 00 0009		EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope	\$1,216.91
				Installation	
				Quantity	Unit Price
				8.00 x	132.85 x
				Factor	Total
				1.1450 =	1,216.91
				TRANSPLANTING TREES	
106	32 96 43 00 0004		EA	>30" To 36" Root Ball, Move Trees On Site	\$4,669.09
				Installation	
				Quantity	Unit Price
				9.00 x	453.09 x
				Factor	Total
				1.1450 =	4,669.09
				TRANSPLANTING TREES AND SERVICE BERRY	

**Subtotal for LANDSCAPING** **\$124,106.60**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>MOBILIZATION</b>					
107	01 71 13 00 0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	\$2,456.16
				Installation	
				Quantity	Unit Price
				6.00 x	357.52 x
				Factor	Total
				1.1450 =	2,456.16
				DELIVERY OF ALL NEED EQUIPMENT. 1 FOR CONCRETE 2 FOR LANDSCAPE 1 FOR PLUMBER 1 FOR ELECTRICIAN 1 FOR AUGER	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>MOBILIZATION</b>					
108	01 71 13 00 0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' BedIncludes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	\$7,588.89
				Installation	
				Quantity	Unit Price
				5.00	1,325.57
				x	x
					Factor
					1.1450
					=
					Total
					7,588.89
				DELIVERY OF ALL NEED EQUIPMENT. 2 FOR CONCRETE 2 FOR LANDSCAPE 1 SKYTRACK	
109	01 74 19 00 0014		EA	20 CY Dumpster (3 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$2,633.50
				Installation	
				Quantity	Unit Price
				4.00	575.00
				x	x
					Factor
					1.1450
					=
					Total
					2,633.50
				MISC. DEBRIS REMOVAL	

**Subtotal for MOBILIZATION** **\$12,678.55**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>PLUMBING</b>					
110	22 11 19 00 0191		EA	6" Thick Wall, Cast Bronze, Non Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	\$1,164.20
				Installation	
				Quantity	Unit Price
				1.00	1,016.77
				x	x
					Factor
					1.1450
					=
					Total
					1,164.20
				YARD HYDRANT	
111	32 84 23 00 0377		LF	2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings	\$3,885.67
				Installation	
				Quantity	Unit Price
				480.00	7.07
				x	x
					Factor
					1.1450
					=
					Total
					3,885.67
				WATER FEATURE	
112	33 05 07 13 0026		LF	4" Diameter Directional Boring For Horizontal Pipe, Underground	\$2,808.46
				Installation	
				Quantity	Unit Price
				80.00	30.66
				x	x
					Factor
					1.1450
					=
					Total
					2,808.46
				NEW WATER SERVICE	
113	33 05 07 24 0011		LF	3/4" Polyethylene Pipe Pull In Place By Boring MachineIncludes pipe welding.	\$696.16
				Installation	
				Quantity	Unit Price
				80.00	7.60
				x	x
					Factor
					1.1450
					=
					Total
					696.16
				WATER SERVICE	
114	33 05 33 63 0005		LF	2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine	\$377.39
				Installation	
				Quantity	Unit Price
				80.00	4.12
				x	x
					Factor
					1.1450
					=
					Total
					377.39
				2" WATER TIGHT CONDUIT	
115	33 05 33 63 0005 0424		MOD	For Up To 250, Add	\$17.40
				Installation	
				Quantity	Unit Price
				80.00	0.19
				x	x
					Factor
					1.1450
					=
					Total
					17.40

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

**Subtotal for PLUMBING** **\$8,949.28**

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			

**SITE FURNISHING**

116	01	22	23	00	1054	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator		\$4,837.65		
							Quantity	Unit Price	Factor	Total	
						Installation	1.00	4,225.02	x	1.1450 =	4,837.65
							SETTING COLUMNS				
117	01	22	23	00	1054	0034	MOD	For Equipment Without Operator, Deduct		-\$883.69	
							Quantity	Unit Price	Factor	Total	
						Installation	0.25	-3,087.11	x	1.1450 =	-883.69
118	11	68	13	00	0326	EA	CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)		\$34,292.02		
							Quantity	Unit Price	Factor	Total	
						Installation	3.00	9,983.12	x	1.1450 =	34,292.02
							SHADES SYSTEMS NOT EXACT LINE ITEM-CLOSEST MATCH. WILL PROVIDE WHATS ON DWG				
119	32	31	19	00	0036	LF	4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts		\$19,566.01		
							Quantity	Unit Price	Factor	Total	
						Installation	233.00	73.34	x	1.1450 =	19,566.01
							PLAYSCAPE FENCE				
120	32	31	19	00	0036	0133	MOD	For Third Rail, Add		\$2,240.99	
							Quantity	Unit Price	Factor	Total	
						Installation	466.00	4.20	x	1.1450 =	2,240.99
							4 rails per dwg				
121	32	31	19	00	0069	EA	4' Wide x 4' High Steel Tube Single Swing GateIncludes mounting hardware and associated trim.		\$2,362.04		
							Quantity	Unit Price	Factor	Total	
						Installation	2.00	1,031.46	x	1.1450 =	2,362.04
							PLAYSCAPE GATES				
122	32	33	23	00	0059	EA	32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber		\$2,726.27		
							Quantity	Unit Price	Factor	Total	
						Installation	4.00	592.35	x	1.1450 =	2,712.96
						Demolition	1.00	11.62	x	1.1450 =	13.30
							BELSON CEDAR TRASH CANS				

**Subtotal for SITE FURNISHING** **\$65,141.29**

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			

**SITE PROTECTION**

123	01	52	19	00	0005	MO	Americans With Disabilities Act Compliant Portable Chemical Toilet		\$968.38		
							Quantity	Unit Price	Factor	Total	
						Installation	5.00	169.15	x	1.1450 =	968.38
							PORTA-POTTY FOR CONSTRUCTION WORKERS				
124	01	52	19	00	0005	0004	EA	For Each Additional Servicing Per Unit Per Week, Add		\$286.25	
							Quantity	Unit Price	Factor	Total	
						Installation	10.00	25.00	x	1.1450 =	286.25



**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>SITE PROTECTION</b>					
125	01 52 19 00 0007		MO	Two Station Portable Handwash	\$909.93
				Installation	
				Quantity	Unit Price
				5.00 x	158.94 x
					Factor =
					Total
					909.93
				HAND WASH STATION	
126	01 52 19 00 0007 0005		MOD	For Each Delivery, Add	\$103.05
				Installation	
				Quantity	Unit Price
				2.00 x	45.00 x
					Factor =
					Total
					103.05
127	01 55 26 00 0042		MO	Channelizer Drum	\$6,964.46
				Installation	
				Quantity	Unit Price
				250.00 x	24.33 x
					Factor =
					Total
					6,964.46
				50 DRUMS FOR 5 MOS	
128	01 56 26 00 0028		EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months	\$1,003.25
				Installation	
				Quantity	Unit Price
				2.00 x	438.10 x
					Factor =
					Total
					1,003.25
				TEMP FENCE GATES	
129	01 56 26 00 0144		LF	Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months	\$9,436.40
				Installation	
				Quantity	Unit Price
				890.00 x	9.26 x
					Factor =
					Total
					9,436.40
				TEMP FENCING	
130	01 56 26 00 0144 0069			For >500, Deduct	-\$988.48
				Installation	
				Quantity	Unit Price
				890.00 x	-0.97 x
					Factor =
					Total
					-988.48
131	01 56 26 00 0144 0072		LF	For Each LF Shade Cloth, Add	\$3,668.58
				Installation	
				Quantity	Unit Price
				890.00 x	3.60 x
					Factor =
					Total
					3,668.58
132	01 56 26 00 0158		BAG	Temporary Chain Link Fence Panels (Portable) SandbagIncludes placement and removal.	\$981.04
				Installation	
				Quantity	Unit Price
				180.00 x	4.76 x
					Factor =
					Total
					981.04
				TEMP FENCING	
133	01 56 26 00 0168		LF	Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	\$223.28
				Installation	
				Quantity	Unit Price
				250.00 x	0.78 x
					Factor =
					Total
					223.28
				MOVING TEMP FENCING AS NEEDED FOR CONSTRUCTION ZONE MOVEMENT TO KEEP PEDESTRIANS SAFE	
134	01 56 26 00 0175		LF	48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	\$3,171.65
				Installation	
				Quantity	Unit Price
				1,000.00 x	2.77 x
					Factor =
					Total
					3,171.65
				ORANGE SAFETY FENCING TO RE-DIRECT PEDESTRIAN TRAFFIC	
135	31 25 14 16 0006		SY	Curlex 1, Single Net Erosion Control BlanketAs manufactured by American Green.	\$313.73
				Installation	
				Quantity	Unit Price
				100.00 x	2.74 x
					Factor =
					Total
					313.73
				SOIL EROSION	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>SITE PROTECTION</b>					
136	31 25 14 23 0042		EA	5' x 15' Monofilament Filter Bag	\$1,383.27
				Quantity	Unit Price
			Installation	5.00 x	241.62 x
				Factor	=
				1.1450	=
				Total	1,383.27
				PROTECT EXISTING STRUCTURES	
137	31 25 14 26 0008		LF	3' High Silt Fence with Stakes at 4' On Center	\$2,849.10
				Quantity	Unit Price
			Installation	745.00 x	3.34 x
				Factor	=
				1.1450	=
				Total	2,849.10
				SOIL EROSION	
138	31 25 14 26 0017		LF	Removal Of Silt Fence And Stakes	\$494.75
				Quantity	Unit Price
			Installation	745.00 x	0.58 x
				Factor	=
				1.1450	=
				Total	494.75
				SOIL EROSION	

**Subtotal for SITE PROTECTION** **\$31,768.64**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>STORM DRAIN</b>					
139	01 22 23 00 0433		MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full- Time Operator	\$37,655.87
				Quantity	Unit Price
			Installation	2.00 x	16,443.61 x
				Factor	=
				1.1450	=
				Total	37,655.87
				BACKHOE FOR RUNNING SEWER	
140	01 22 23 00 0433 0066			For Equipment Without Operator, Deduct	-\$24,137.08
				Quantity	Unit Price
			Installation	1.50 x	-14,053.61 x
				Factor	=
				1.1450	=
				Total	-24,137.08
141	02 41 19 13 0348		EA	Core Drill Minimum ChargeFor projects where the total core drilling charge is less than the minimum charge, use task "Minimum Charge For Core Drilling" exclusively. Task "Minimum Charge For Core Drilling" should not be used in conjunction with any other tasks in this section. Does not apply to sections "Drilling In Concrete Per Inch Of Depth" or "Drilling In Brick Or Block Per Inch Of Depth" or "Drilling In Wood Or Plastic Per Inch Of Depth".	\$795.69
				Quantity	Unit Price
			Installation	1.00 x	694.93 x
				Factor	=
				1.1450	=
				Total	795.69
				TAP INTO NEW STOMR DRAIN	
142	33 05 84 00 0037		EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector	\$2,821.84
				Quantity	Unit Price
			Installation	1.00 x	2,464.49 x
				Factor	=
				1.1450	=
				Total	2,821.84
				NEW DRAINAGE STRUCTURE	
143	33 05 84 00 0102		EA	12" Tap In 6" Brick Manhole	\$698.64
				Quantity	Unit Price
			Installation	1.00 x	610.17 x
				Factor	=
				1.1450	=
				Total	698.64
				NEW DRAINAGE STRUCTURE	
144	33 31 11 00 0026		LF	12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	\$6,241.45
				Quantity	Unit Price
			Installation	85.00 x	64.13 x
				Factor	=
				1.1450	=
				Total	6,241.45
				NEW DRAINAGE STRUCTURE	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
<b>STORM DRAIN</b>								
145	33 31 11 00 0057		EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	\$5,434.31			
				Quantity	Unit Price	Factor	=	Total
			Installation	4.00	1,186.53	1.1450		5,434.31
				NEW DRAINAGE STRUCTURE				
146	33 31 11 00 0140		EA	12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	\$5,343.94			
				Quantity	Unit Price	Factor	=	Total
			Installation	4.00	1,166.80	1.1450		5,343.94
				NEW DRAINAGE STRUCTURE				
147	33 42 31 00 0056		EA	6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	\$4,123.73			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	3,601.51	1.1450		4,123.73
				CATCH BASIN				
148	33 42 31 00 0423		EA	24" Diameter Cast Iron Catch Basin Frame And Cover	\$2,322.70			
				Quantity	Unit Price	Factor	=	Total
			Installation	2.00	1,014.28	1.1450		2,322.70
<b>Subtotal for STORM DRAIN</b>					<b>\$41,301.09</b>			

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
<b>SUPERVISION</b>								
149	01 22 20 00 0052		HR	Project Manager	\$53,173.80			
				Quantity	Unit Price	Factor	=	Total
			Installation	288.00	161.25	1.1450		53,173.80
				INVESTIGATION, PRE-CONSTRUCTION, SITE VISITS, SUPERVISION, AND POST CONSTRUCTION				
<b>Subtotal for SUPERVISION</b>					<b>\$53,173.80</b>			

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
<b>WATER FEATURE</b>								
150	22 13 16 00 0510		LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe AssemblyIncludes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	\$453.08			
				Quantity	Unit Price	Factor	=	Total
			Installation	15.00	26.38	1.1450		453.08
				WATER FEATURE PIPING				
151	32 00 00 00 0001			Brooklands Water Feature	\$182,608.49			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	146,086.79	1.2500		182,608.49
				LUKES LANDSCAPING WATER FEATURE				
<b>Subtotal for WATER FEATURE</b>					<b>\$183,061.57</b>			

## Contractor's Price Proposal - Detail Continues..

**Work Order Number:** 1006.00  
**Work Order Title:** Rochester Hills Brooklands Plaza Park Expansion

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**Proposal Total** **\$1,319,648.09**

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

**The Percentage of NPP on this Proposal:** **30.05%**

# Quote

Date: 12/20/2024

LF Quote#: 0000427710

PO#:

Project: Brooklands Park

Bill To: Bidders Quote - Scott Black  
 ATTN: Bidder's Quote  
 TBA  
 Detroit, MI 48228

**CORPORATE**

7800 E. Michigan Avenue  
 Kalamazoo, MI 49048-9543  
 P: 800.521.2546 F: 269.381.3455  
 www.landscapeforms.com  
 Federal I.D.# 38-1897577  
 FSC# NC-COC-001261

Ship To: Bidders Quote - Scott Black  
 ATTN: Bidder's Quote  
 TBA  
 Detroit, MI 48228

Ship To Contact Phone:  
 Ship Via: Common Carrier  
 F.O.B.: Destination

Qty	Description	Unit Price	Total Price
-----	-------------	------------	-------------

**When ordering please confirm:**

- Shipping address and contact information (name and ph#)
- Billing address and contact information
- Is your firm or the project tax exempt? If so, exemption certificate must accompany order
- Delivery schedule:

\_\_\_ Ship immediately upon completion  
 OR Ship On/After the date:\_\_\_\_\_

1	Link Bench A, Curved Piano Key, Metal Leg, Full Back, Std Depth, Radius TBD, 21.3' Arc Length, 3 Section(s), 2 End Armrest(s), 2 Int Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 17,345.00	\$ 17,345.00
1	Link Bench B, Curved Piano Key, Metal Leg, Full Back, Std Depth, Radius TBD, 14.3' Arc Length, 2 Section(s), 2 End Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 11,480.00	\$ 11,480.00
1	Link Bench C, Straight Piano Key, Metal Leg Support, Full Back, Std Depth, 4.9' Length, 1 Section(s), 2 End Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 4,250.00	\$ 4,250.00
1	Link Bench D, Curved Piano Key, Metal Leg, Backless, 18" Seat Depth, Radius TBD, 9.4' Arc Length, 2 Section(s), 0 Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 4,950.00	\$ 4,950.00
1	Link Bench E, Curved Piano Key, Metal Leg, Backless, 18" Seat Depth, Radius TBD, 11.9' Arc Length, 2 Section(s), 0 Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 5,885.00	\$ 5,885.00
1	Link Bench F, Straight Piano Key, Metal Leg Support, LH Partial Back, Std Depth, Std 7.3' Length, 1 Section(s), 1 LH End Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 3,260.00	\$ 3,260.00

Cust #: LFBID  
 SSR: Scott Black  
 Rep: Scott Black, MI5

Landscape Forms Customer Service

Purchaser

Seller

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Ship To Contact Phone:  
 Ship Via: Common Carrier  
 F.O.B.: Destination

Qty	Description	Unit Price	Total Price
1	Link Bench G, Straight Piano Key, Metal Leg Support, RH Partial Back, Std Depth, Std 7.3' Length, 1 Section(s), 1 RH End Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 3,260.00	\$ 3,260.00
2	Link Bench H, Curved Piano Key, Metal Leg, Full Back, 30" Seat Depth, Radius TBD, 16.4' Arc Length, 3 Section(s), 2 Int Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 13,085.00	\$ 26,170.00
1	Link Bench I, Curved Piano Key, Metal Leg, Partial Back, 30" Seat Depth, Radius TBD, 18.8' Arc Length, 3 Section(s), 2 End Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 10,815.00	\$ 10,815.00
1	Link Bench J, Curved Piano Key, Metal Leg, Full Back, 30" Seat Depth, Radius TBD, 26' Arc Length, 4 Section(s), 2 Int Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 19,595.00	\$ 19,595.00
1	Link Bench K, Curved Piano Key, Metal Leg, Full Back, 30" Seat Depth, Radius TBD, 20' Arc Length, 3 Section(s), 2 Int Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 15,370.00	\$ 15,370.00
1	Link Bench L, Curved Piano Key, Metal Leg, Full Back, 30" Seat Depth, Radius TBD, 25' Arc Length, 4 Section(s), 2 End Armrest(s), 2 Int Armrest(s), Board Mat'l: DSTMA w/ No Finish, Powder Coat Color: TBD	\$ 19,590.00	\$ 19,590.00

Item Total	\$ 141,970.00
Shipping & Handling	\$ 10,650.00
Sub Total	\$ 152,620.00
Estimated Tax	\$ 8,518.20
Document Total	\$ 161,138.20

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Detroit, MI 48228

Ship To Contact Phone:  
Ship Via: Common Carrier  
F.O.B.: Destination

Payment Terms: Pending-Net30

Landscape Forms, Inc. reserves the right to change payment terms based on payment history as well as information obtained from commercial credit reporting agencies.

- Purchaser is responsible for confirming options, materials, quantities, etc., for completeness and conformity to plans and specifications.
- Changes to or cancellations of orders may incur a penalty charge of 30% or more. Special orders may not be changed or cancelled.
- Studio 431 (custom) orders cannot be cancelled once purchase order is received and approved.
- Studio 431 orders are subject to price increase after engineering/product development is complete and approved by designer, end user and purchaser. Modifications in price will be handled via Change Order.
- All orders that include a swing product must include an executed liability waiver to be accepted and entered into production.
- Only the Material Supplier Standard Limited Warranty shall apply to all product sold by Landscape Forms. No other warranties or changes to the standard warranty will be applied or accepted.
- No merchandise can be returned without authorization from Landscape Forms. Returns may be subject to a disposition fee of 30-100%.
- Prices based on quantities shown and quantity changes may affect price.
- QUOTED prices are held for 60 days. After receipt of a written ORDER, prices will be held for up to twelve months from receipt of the order. Changes in quantity or specification may affect pricing. Upfit pricing will only be held for six months after receipt of a written order.
- Pricing includes selection from our standard color palette. Optional colors and custom color matches are available for an additional fee and will extend lead-time. Please contact our corporate office for more information.
- Fixtures for custom products are the property of Landscape Forms, Inc., and are not available for sale.
- Landscape Forms is a supplier only and ships via common carrier. Customer is responsible for offloading and installing unless otherwise indicated above.
- Handling fees alone will apply on third party and customer pick-up orders.
- Mounting hardware is only available on a limited number of products. Please consult the installation recommendations or contact our corporate office to confirm. In the event hardware is provided, it MUST be used for proper installation.
- Refer to Care and Maintenance guidelines for more detailed information and instructions.
- All orders ship upon completion of fabrication. A one-week grace period may be available, after which storage fees will apply.
- This Agreement contains the entire understanding between the parties. All prior communications are merged into this Agreement. The terms of this Agreement shall control any conflict between documents.
- This Agreement may be signed by the parties separately and by facsimile, and together they shall be deemed one binding, original Agreement.

Page: 3 of 4

Cust #: LFBID  
SSR: Scott Black  
Rep: Scott Black, MI5

Landscape Forms Customer Service

Purchaser

Seller

landscapeforms®

# Quote

Date: 12/20/2024

LF Quote#: 0000427710

PO#:

Project: Brooklands Park

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Ship Via: Common Carrier  
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- Purchaser shall pay all costs and expenses paid or incurred by Landscape Forms, Inc. in collecting any amounts due for goods purchased by Purchaser, including without limitation, reasonable attorneys' fees and collection costs. Balances on invoices not paid within 30 days of date of invoice, or within an alternate period of time as determined and indicated by Landscape Forms, shall incur interest at a rate of 18% per annum. Cash discounts are not offered.
- Tax is estimated. Actual tax will be charged on final invoice and shall be payable by the Purchaser. U.S. customers must provide a valid sales tax exemption or resale certificate to remove liability.
- To the extent purchaser supplies or modifies the standard specifications for any products, Landscape Forms, Inc. expressly disclaims all representations and warranties related to such products or their design whether express or implied except that the products shall be manufactured in accordance with purchaser's specifications.
- **REMITTANCE OPTIONS:** For information on paying via credit card, ACH, direct bank transfer, or wire please email us at [AR@landscapeforms.com](mailto:AR@landscapeforms.com). Please note all credit card charges will be subject to a 3% surcharge. Mail payments to:

### USD Checks

Landscape Forms, Inc.  
Dept 78073  
PO Box 78000  
Detroit, MI 48278-0073  
USA

### CAD Cheques

Landscape Forms, Inc.  
PO Box 2408  
Station A  
Toronto, Ontario M5W 2K6  
CAN

Page: 4 of 4

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Rep: Scott Black, MI5

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landscapeforms®





Luke Landscape Company  
PO Box 973  
Okemos, MI 48805  
Phone: (517) 339-6500  
Fax: (517) 339-5932  
office@lukelandscape.com

Wednesday, January 8, 2025  
Estimate# E24-316

Lang Constructors, Inc.  
9145 Corunna Rd.  
Flint, MI 48532  
(810) 743-6702  
Emily@langbuild.com

**Brooklands – Water Feature**

**Equipment Transport**

**Labor  
Name**

**Total**

---

CDL Driver	\$720.00
------------	----------

**Equipment  
Name**

**Total**

---

Dump Truck- CDL	\$661.36
Trailer- Heavy Equipment	\$178.24

**Equipment Transport Total: \$1,559.60**

**Crew Travel Time**

Luke Landscape's pricing includes travel time to and from the construction site, as well as fuel costs

**Labor  
Name**

**Total**

---

Drive Time	\$3,040.00
------------	------------

**Crew Travel Time Total: \$3,040.00**

**Site Prep & Excavate**

Scope of Work:

Luke Landscape will evaluate the site for pond construction. Excavated spoils will be removed from the site, with the price including equipment, labor, and disposal costs.

**Materials**

<b>Name</b>	<b>Total</b>
Biodegradable Waste Hauled	\$1,200.00

**Labor**

<b>Name</b>	<b>Total</b>
-Landscape/Construction Labor	\$7,290.00

**Equipment**

<b>Name</b>	<b>Total</b>
-Compact Utility Loader (Dingo)	\$480.00
-Mini Excavator	\$1,050.00
-Skid Steer (Loader)	\$660.00
-Truck: Light/Medium Duty	\$405.00
Dump Truck- CAT CT660	\$82.67

**Site Prep & Excavate Total: \$11,167.67**

**Concrete Edge, Basin and Footings**

Budget only to pour an form concrete

**Miscellaneous Items**

<b>Name</b>	<b>Total</b>
Form and Pour Concrete Basin - Budget	\$40,000.00
20% Contingency Budget	\$8,000.00

**Concrete Edge, Basin and Footings Total: \$48,000.00**

**Pond & Waterfall Construction****Materials**

<b>Name</b>	<b>Total</b>
EPDM 45MIL Liner- Custom Lengths	\$735.00

**Labor**

<b>Name</b>	<b>Total</b>
-Landscape/Construction Labor	\$7,290.00

**Equipment**

<b>Name</b>	<b>Total</b>
-Compact Utility Loader (Dingo)	\$480.00
-Truck: Light/Medium Duty	\$405.00

**Pond & Waterfall Construction Total: \$8,910.00**

**Plumbing for Water Feature**

Scope of Work:

Luke Landscape will provide all necessary plumbing for the water feature, including installation and connection to the existing water supply, which will be provided by others

**Materials**

<b>Name</b>	<b>Total</b>
100' x 2" BLACK FlexPVC® brand flexible PVC pipe.	\$1,388.04
Misc. Pipe Fittings	\$539.69
4" Solid Sewer - Green Pipe 10'	\$388.30
Pump Vault	\$616.92
AquaSurge® 2000-4000 Adjustable Flow Pond Pump	\$2,313.38

**Plumbing for Water Feature Total: \$5,246.33**

**Low Lighting**

Scope of Work:

Luke Landscape will install low-voltage lighting for the Brookland Plaza water feature. The price includes fixtures, transformers, low-voltage wiring, and labor. Electrical connection and landscape lighting for the surrounding landscaping will be provided by others.

**Materials**

<b>Name</b>	<b>Total</b>
Brilliant Wonders LED Light Bubbler	\$1,002.43
AMP - HydraPro Single Source LED Underwater Ligh	\$771.12
KICHLER 15SCT300SS 300W Low Voltage Smart Control Transformer, Stainless Steel	\$647.73
12/2 - 500ft   Direct Burial Cable	\$339.28

**Labor**

<b>Name</b>	<b>Total</b>
-Landscape/Construction Labor	\$2,430.00

**Low Lighting Total: \$5,190.56**

**Outcropping Wall for Water Feature**

Scope of Work:

Luke Landscape will supply and install approximately 20 tons of stone. The stone will feature sawn tops and bottoms with a rough face, varying in height and length as detailed in stone details provided. All stone will require written approval from the architect prior to shipping.

The quoted price includes shipping, fabrication, labor, and construction equipment. A 20% contingency has been added to account for potential variations in stone manufacturer availability and final approval by the architect.

**Materials**

<b>Name</b>	<b>Total</b>
Stone- Sawn Top & Bottom 24" -36" HT	\$12,338.20

**Labor**

<b>Name</b>	<b>Total</b>
-------------	--------------

-Landscape/Construction Labor \$9,720.00

**Equipment  
Name**

**Total**

---

-Skid Steer (Loader) \$880.00  
-Mini Excavator \$1,400.00  
-Truck: Light/Medium Duty \$540.00

**Miscellaneous Items  
Name**

**Total**

---

Budget 04 \$5,200.00

**Outcropping Wall for Water Feature Total: \$30,078.20**

**Outcropping Step for Water Feature**

Luke Landscape will supply and install approximately 5 tons of step stone material. The stone will be sawn on the top and bottom with a rough face, varying in height and length according to the schematic sketch. The stone will be approved by the architect in writing prior to shipping. The price includes shipping, labor, and construction equipment.

**Materials  
Name**

**Total**

---

Canadian Outcropping Step \$1,418.84

**Labor  
Name**

**Total**

---

-Landscape/Construction Labor \$10,260.00

**Equipment  
Name**

**Total**

---

-Compact Utility Loader (Dingo) \$640.00  
-Skid Steer (Loader) \$880.00  
-Mini Excavator \$1,050.00  
-Truck: Light/Medium Duty \$540.00

**Miscellaneous Items  
Name**

**Total**

---

20% Contingency Budget \$2,980.00

**Outcropping Step for Water Feature Total: \$17,768.84**

**Engraved Bluestone Cap**

Scope of Work:

Luke Landscape will supply and install stone per the Brookland Plaza Water Feature Plan. The stone will feature sawn tops and bottoms with a rough face, varying in height and length as detailed in stone details provided. All stone will require written approval from the architect prior to shipping.

The quoted price includes engraving, shipping, fabrication, labor, and construction equipment. A 20% contingency has been added to account for potential variations in stone manufacturer availability and final approval by the architect.

**Materials**

<b>Name</b>	<b>Total</b>
- Sawn Top & Bottom 10"	\$616.89

**Labor**

<b>Name</b>	<b>Total</b>
-Landscape/Construction Labor	\$2,052.00

**Equipment**

<b>Name</b>	<b>Total</b>
-Mini Excavator	\$350.00
-Skid Steer (Loader)	\$220.00
-Truck: Light/Medium Duty	\$135.00

**Miscellaneous Items**

<b>Name</b>	<b>Total</b>
Engraving	\$1,200.00

**Engraved Bluestone Cap Total: \$4,573.89**

**Michigan Stone for Basin**

Luke Landscape will supply and install approximately 5 cubic yards of stone for the basin, consisting of 4" - 8" stones. The selection will be approved by the architect in writing before ordering. The price includes shipping, labor, and construction equipment

**Materials**

<b>Name</b>	<b>Total</b>
8" 16" Stone	\$493.50

**Labor**

<b>Name</b>	<b>Total</b>
-Landscape/Construction Labor	\$2,052.00

**Equipment**

<b>Name</b>	<b>Total</b>
-Compact Utility Loader (Dingo)	\$160.00
-Truck: Light/Medium Duty	\$135.00

**Michigan Stone for Basin Total: \$2,840.50**

**Electrical Connection and Contractor**

By others

**Miscellaneous Items**

<b>Name</b>	<b>Total</b>
Connection by Others	\$0.00

**Electrical Connection and Contractor Total: \$0.00**

**Grates**

**MaterialsName**

**Total**

Basin Grates Per Plan Installed

\$7,711.20

**Grates Total: \$7,711.20**

**Grand Total: \$146,086.79**

Luke Landscape: \_\_\_\_\_ Date: \_\_\_\_\_  
Steven McLeod

I/we Emily Lang agree to the following contract.

Client Signature: \_\_\_\_\_ Date: \_\_\_\_\_

This proposal is valid until Tuesday, January 14, 2025.

**Payment Schedule**

Deposit	50.00%	\$73,043.40
Progress Draw 1	25.00%	\$36,521.70
Final Payment (2/4)	25.00%	\$36,521.70

**Payment Terms: Due Upon Receipt**

- Estimate includes installation of all materials. Balance due may fluctuate approximately 10% with on-site changes.
- All plants are subject to availability.
- No warranty on plant materials, unless otherwise specified.
- Not responsible for irrigation, underground dog fence wiring, asphalt or concrete damage done to property.
- Deer and animal damage is not covered. Under the right circumstances, no plants are deer resistant.
- The client gives Luke Landscape Company rights to access the site for photographic purposes with reasonable advance notice. Luke Landscape Company retains rights to publish photographs including, but not limited to concepts and working drawings for advertising, promotional & award purposes.

# LANG

## CONSTRUCTORS INC.

**To:** City of Rochester Hills

**Re:** Brooklands Plaza Improvements

Attn: Dennis Andrews

**January 29, 2025**

*We will furnish all, labor, material, equipment & insurance for the following scope of work:*

- 1. Provide utility location via Miss Dig**
- 2. Demolition and removal of existing park fixtures**
  - 2.1 3 concrete benches
  - 2.2 Aluminum benches
  - 2.3 Litter Receptacles
  - 2.4 String Lights
  - 2.5 Concrete Pavement
- 3. Removal of Existing Concrete Swoosh**
  - 3.1 Grind swoosh finish off concrete
  - 3.2 Etch and seal with clear anti-slip sealant
- 4. Earthwork**
  - 4.1 Install new storm
  - 4.2 Install water service from the existing out and to the water feature
- 5. Concrete**
  - 5.1 Grade and prep site for concrete
  - 5.2 Furnish and install 4" subbase
  - 5.3 Form and pour 6" exposed aggregate pavement concrete
  - 5.4 Form and pour 6" Concrete pavement
- 6. Site Furnishings**
  - 6.1 Furnish and install curved and straight benches
  - 6.2 Furnish and install sail shade
  - 6.3 Furnish and install trash cans
  - 6.4 Furnish and install playground fence (timing to be coordinated with playground)
- 7. Landscaping**
  - 7.1 Furnish and install Trees
    - 7.1.1 Northern Red Oak
    - 7.1.2 Relocated Sugar Maples
    - 7.1.3 Sparkling Sprite Cranapple
  - 7.2 Furnish and install Shrubs and Ornamental Grasses
    - 7.2.1 Fountain Grass
    - 7.2.2 Inkberry
    - 7.2.3 Karl Foerster Grass
    - 7.2.4 Korean Spice Viburnum
    - 7.2.5 Little Quick Fire Hardy Hydrangea
    - 7.2.6 Blue Most Dwarf Fothergilla

7.2.7 Relocated Serviceberry

7.2.8 Kalm St. Johns Wort Cobalt-N-Gold

7.3 Furnish and install Perennials, Ground Cover & Bulbs

7.3.1 Goldstrum Black-Eyed Susan

7.3.2 Brilliant Sedum Stonecrop

7.3.3 Bowless Common Periwinkle

7.4 Lawn Panels

7.4.1 Topsoil, and hydroseed

## 8. Water Feature

8.1 Prep site for pond construction

8.1.1 Haul away spoils

8.2 Form and pour concrete basin

8.2.1 Line basin

8.3 Furnish and install LED light bubbler and underwater LED lights.

8.4 Furnish and install stone for outcropping wall

8.5 Furnish and install stone of outcropping step

8.6 Furnish and install engraves bluestone cap

8.7 Furnish and install Michigan stone for basin

8.8 Furnish and install basin grates

## 9. Electrical

9.1 Furnish and install lighting fixtures

9.2 Furnish and install underground conduits

9.3 Furnish and install power panel

9.4 Furnish and install lighting control panel

9.5 Provide (1) bonding point on the fountain – no additional information was provided

9.5 Furnish and install electrical outlets and electrical outlet bollards

## 10. Site Clean up and Restoration

### **NOTES:**

- Contractor responsible for coordination with facility
- Contractor to provide clean up daily
- Contractor to provide barricades and safety devices
- Priced non-prevailing wage

### **Exclusions:**

**For plant warranty, watering plan needs to be purchased separately**

Excludes engineering, permits fees

Emily Lang  
Project Manger