

Work Order Document

Contract No.: RH-23-034 Region 1-6 - GC - Lang Constructors			
<input checked="" type="checkbox"/> New Work Order		<input type="checkbox"/> Modify an Existing Work Order	
Work Order Number:	1009.00	Work Order Date:	08/28/2024
Work Order Title: Rochester Hills Borden Park Passive Batting Cages			
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 - GC - Lang Constructors.	
<u>Brief Work Order Description:</u>	
Renovate Batting Cages to manual operation from powered and monitored by park staff operation . All work per plans and specs provided by Owner.	

Time of Performance	Days
Liquidated Damages	Will apply: <input type="checkbox"/> Will not apply: <input checked="" type="checkbox"/>

Work Order Firm Fixed Price: \$383,930.35
Owner Purchase Order Number:

Detailed Scope of Work

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: August 28, 2024

Work Order Number: 1009.00

Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Brief Scope: Renovate Batting Cages to manual operation from powered and monitored by park staff operation. All work per plans and specs provided by Owner.

Preliminary

Revised

Final

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 of Work attached

Contractor's Price Proposal - Summary

Date: August 28, 2024

Re: Master Contract #: RH-23-034 Region 1-6 - GC - Lang Constructors
Work Order #: 1009.00
Owner PO #:
Title: Rochester Hills Borden Park Passive Batting Cages
Contractor: Lang Constructors Inc
Proposal Value: \$383,930.35

Batting Cages	\$29,203.91
Batting Lanes	\$64,430.48
Demo	\$112,426.79
Engineering	\$19,000.00
Mobilization	\$7,622.03
Park Improvement	\$38,091.34
Restoration	\$97,531.69
Safety	\$6,728.04
Site Protection	\$2,254.00
storm drain	\$6,642.07
Proposal Total	\$383,930.35

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: 15.34%

Contractor's Price Proposal - Detail

Date: August 28, 2024

Re: Master Contract #: RH-23-034 Region 1-6 - GC - Lang Constructors
 Work Order #: 1009.00
 Owner PO #:
 Title: Rochester Hills Borden Park Passive Batting Cages
 Contractor: Lang Constructors Inc
 Proposal Value: \$383,930.35

Sect.	Item	Mod.	UOM	Description	Line Total
Labor	Equip.	Material	(Excludes)		
Batting Cages					
1	01 22 20 00 0006		HR	CarpenterFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$15,322.85
				Installation	
				Quantity	Unit Price
				170.00 x	78.72 x
					Factor =
					Total
					15,322.85
				14x 14x 70 ft double lane 4 workers =2 days per nets, 3 days for turf	
2	01 22 20 00 0006 0001			For Foreperson, Add	\$180.45
				Installation	
				Quantity	Unit Price
				40.00 x	3.94 x
					Factor =
					Total
					180.45
3	01 22 20 00 0006		HR	CarpenterFor tasks not included in the Construction Task Catalog® and as directed by owner only.	\$13,520.16
				Installation	
				Quantity	Unit Price
				150.00 x	78.72 x
					Factor =
					Total
					13,520.16
				14x 14x 70 ft double lane 4 workers =2 days per nets, 3 days for turf	
4	01 22 20 00 0006 0001			For Foreperson, Add	\$180.45
				Installation	
				Quantity	Unit Price
				40.00 x	3.94 x
					Factor =
					Total
					180.45
Subtotal for Batting Cages					\$29,203.91

Batting Lanes					
5	11 00 00 00 0002		EA	Batting Cage Equipment 14x14x55	\$29,044.56
				Installation	
				Quantity	Unit Price
				1.00 x	25,366.43 x
					Factor =
					Total
					29,044.56
				Double Batting Lanes , Turf, Turf Spikes, Glue, Home Plates, L-Screen, 1 Steel door, Vinyl Back drop	
6	11 00 00 00 0003		EA	Batting Cage Equipment 14x14x70	\$29,835.71
				Installation	
				Quantity	Unit Price
				1.00 x	26,057.39 x
					Factor =
					Total
					29,835.71
				Double Batting Lanes , Turf, Turk Spikes, Glue, Home Plates, L-Screen, 1 Steel door, Vinyl Back drop	
7	31 05 16 00 0005		CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	\$5,111.21
				Installation	
				Quantity	Unit Price
				78.00 x	57.23 x
					Factor =
					Total
					5,111.21
				6" compacted stone base for batting lanes	
8	31 05 16 00 0005 0056			For >64 To 96, Deduct	-\$571.58
				Installation	
				Quantity	Unit Price
				78.00 x	-6.40 x
					Factor =
					Total
					-571.58
9	32 31 13 13 0326		EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	\$1,010.58
				Installation	
				Quantity	Unit Price
				2.00 x	441.30 x
					Factor =
					Total
					1,010.58
				2 New ADA Gates for new Batting Lanes	
Subtotal for Batting Lanes					\$64,430.48

Demo

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Demo											
10	01	22	23	00	0072	WK	25' Engine Powered, Scissor Platform Lift			\$971.12	
							Installation	Quantity	Unit Price	Factor	Total
								1.00	844.45	1.1500	971.12
							netting and tall pole rigging for demo				
11	01	22	23	00	0287	WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator			\$14,192.40	
							Installation	Quantity	Unit Price	Factor	Total
								3.00	4,113.74	1.1500	14,192.40
							demo/backfill/augering holes				
12	01	22	23	00	0287	0066	For Equipment Without Operator, Deduct			-\$1,775.09	
							Installation	Quantity	Unit Price	Factor	Total
								0.50	-3,087.11	1.1500	-1,775.09
13	01	22	23	00	0849	DAY	Torch Burning Package With Full Time Operator/Includes torch set, regulator, hoses, oxygen tank and acetylene tank.			\$2,494.83	
							Installation	Quantity	Unit Price	Factor	Total
								3.00	723.14	1.1500	2,494.83
							Torch large center pole, possible machinery				
14	01	22	23	00	0982	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator			\$1,431.21	
							Installation	Quantity	Unit Price	Factor	Total
								1.00	1,244.53	1.1500	1,431.21
							Removal of large center pole				
15	01	74	19	00	0015	EA	30 CY Dumpster (4 Ton) "Construction Debris"Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.			\$2,018.18	
							Installation	Quantity	Unit Price	Factor	Total
								3.00	584.98	1.1500	2,018.18
							netting, wood roof				
16	01	74	19	00	0035	CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee			\$19,357.43	
							Installation	Quantity	Unit Price	Factor	Total
								391.00	43.05	1.1500	19,357.43
							10400 sft x 6 " = 192.59 CY concrete and + 64 CY asphalt disposal+ 135 CY Cut				
17	01	74	19	00	0037	CYM	Hauling On Paved Roads, First 15 Miles			\$5,529.75	
							Installation	Quantity	Unit Price	Factor	Total
								5,864.00	0.82	1.1500	5,529.75
							391 CY x 15 Miles				
18	02	41	13	13	0020	SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving			\$11,388.62	
							Installation	Quantity	Unit Price	Factor	Total
								577.78	17.14	1.1500	11,388.62
							Removal of damaged asphalt walking path				
19	02	41	13	13	0020	0013	For >500 To 1,000, Deduct			-\$1,136.20	
							Installation	Quantity	Unit Price	Factor	Total
								577.78	-1.71	1.1500	-1,136.20
20	02	41	13	13	0031	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving			\$35,534.86	
							Installation	Quantity	Unit Price	Factor	Total
								1,156.00	26.73	1.1500	35,534.86
							Removal of Existing Concrete footprint 10,400sf@6"				
21	02	41	13	13	0031	0014	For >1,000 To 2,500, Deduct			-\$6,394.41	
							Installation	Quantity	Unit Price	Factor	Total
								1,156.00	-4.81	1.1500	-6,394.41

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Demo

22	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.						\$1,001.29	
		Installation	Quantity	Unit Price	Factor	=	Total			
			1.00	870.69	1.1500		1,001.29			
			Cutting concrete							
23	02 41 19 13 0079	EA	Torch Cutting Minimum ChargeFor projects where the total torch 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.						\$971.43	
		Installation	Quantity	Unit Price	Factor	=	Total			
			1.00	844.72	1.1500		971.43			
			pitching machines removal							
24	26 01 20 91 0002	EA	Lock Out/Tag Out Local DisconnectExcludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).						\$37.90	
		Installation	Quantity	Unit Price	Factor	=	Total			
			1.00	32.96	1.1500		37.90			
			LOTO make safe							
25	31 23 16 16 0012	VLF	24" Diameter Hole, Auger By Machine Post Hole In Soil						\$1,161.85	
		Installation	Quantity	Unit Price	Factor	=	Total			
			48.00	21.14	1.1450		1,161.85			
			48 inches deep X 12 ea holes + 48 LVF							
26	31 23 16 16 0029	VLF	Concrete Fill, 24" Diameter Hole						\$1,586.97	
		Installation	Quantity	Unit Price	Factor	=	Total			
			36.00	38.50	1.1450		1,586.97			
			36 inches x 12 ea = 36 VLF							
27	31 23 16 16 0055	VLF	Earth Fill, 24" Diameter Hole						\$206.24	
		Installation	Quantity	Unit Price	Factor	=	Total			
			12.00	15.01	1.1450		206.24			
			12" x 12ea holes = 12 VLF							
28	31 23 16 33 0020	CY	Loading Excess Material For Removal From Bulk Excavation						\$2,183.35	
		Installation	Quantity	Unit Price	Factor	=	Total			
			392.36	4.86	1.1450		2,183.35			
			4418 sft x 10" cut =136.35CY + 64 CY of asphalt + 192 CY concrete							
29	32 31 13 13 0326	EA	3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire						\$192.74	
		Installation	Quantity	Unit Price	Factor	=	Total			
			0.00	441.30	1.1500		0.00			
		Demolition	Quantity	Unit Price	Factor	=	Total			
			8.00	20.95	1.1500		192.74			
			8ea man gates demo only							
30	32 31 13 33 0006	EA	34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated						\$21,472.32	
		Installation	Quantity	Unit Price	Factor	=	Total			
			0.00	24,036.74	1.1500		0.00			
		Demolition	Quantity	Unit Price	Factor	=	Total			
			10.60	1,761.47	1.1500		21,472.32			
			369lf perimeter/34ea=10.6 demolition of batting cages/pitching machines fencing deck/hood							

Subtotal for Demo

\$112,426.79

Engineering

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Engineering

31	01 22 16 00 0002	EA	Reimbursable Fees	Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.					\$19,000.00	
			Installation	Quantity	Unit Price	Factor	=	Total		
				19,000.00	1.00	1.0000		19,000.00		
			enginnering							

Subtotal for Engineering \$19,000.00

Mobilization

32	01 71 13 00 0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed	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 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.					\$7,622.03	
			Installation	Quantity	Unit Price	Factor	=	Total		
				5.00	1,325.57	1.1500		7,622.03		
			tractor loader excavator, dozer, skid, sheep's foot compactor/roller, man lift							

Subtotal for Mobilization \$7,622.03

Park Improvement

33	03 31 13 00 0003	SF	4" 3,000 PSI Slab On Grade Concrete Slabs Assembly						\$34,398.55	
			Installation	Quantity	Unit Price	Factor	=	Total		
				4,418.00	6.80	1.1450		34,398.55		
			2 ea concrete approach 38'x 8' x 4" 30'x56'x4" lane, 30' x 71'x 4" lane = 4418 SF							
34	03 31 13 00 0003 0154		For 4,000 PSI Concrete, Add						\$1,315.24	
			Installation	Quantity	Unit Price	Factor	=	Total		
				4,418.00	0.26	1.1450		1,315.24		
35	03 31 13 00 0003 0161		For >2,000 To 5,000, Add						\$2,377.55	
			Installation	Quantity	Unit Price	Factor	=	Total		
				4,418.00	0.47	1.1450		2,377.55		

Subtotal for Park Improvement \$38,091.34

Restoration

36	01 22 23 00 0198	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller						\$17,772.19	
			Installation	Quantity	Unit Price	Factor	=	Total		
				3.00	5,151.36	1.1500		17,772.19		
			Compacting fill							
37	01 22 23 00 0198 0029		For Equipment Without Operator, Deduct						-\$1,864.81	
			Installation	Quantity	Unit Price	Factor	=	Total		
				0.50	-3,243.14	1.1500		-1,864.81		

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Restoration

38	01 22 23 00 0333	WK	140 HP, D6 Bulldozer With Full-Time Operator							\$7,585.71	
		Installation	Quantity	Unit Price	Factor	=	Total				
			1.00	6,596.27	1.1500		7,585.71				
			Moving fill								
39	31 05 13 00 0002	CY	Bank Run/Fill Sand							\$40,086.59	
		Installation	Quantity	Unit Price	Factor	=	Total				
			1,155.00	30.18	1.1500		40,086.59				
			Fill to level after removal 10400sfx36" deep								
40	31 05 13 00 0002 0057		For >96, Deduct							-\$6,920.18	
		Installation	Quantity	Unit Price	Factor	=	Total				
			1,155.00	-5.21	1.1500		-6,920.18				
41	31 23 16 33 0009	CY	Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine							\$1,241.06	
		Installation	Quantity	Unit Price	Factor	=	Total				
			200.35	5.41	1.1450		1,241.06				
			4418 sft x 10" cut = 136.35 CY +64 CY for asphalt path								
42	31 23 16 33 0016	SY	Finish Grading for Bulk Excavation by Machine							\$660.27	
		Installation	Quantity	Unit Price	Factor	=	Total				
			1,067.88	0.54	1.1450		660.27				
			4418 sft of cut = 491 - 491 SY for lanes + 577 SY for asphalt path								
43	31 23 16 33 0018	SY	Compaction of Fill or Subbase for Bulk Excavation by MachinePer Lift							\$660.27	
		Installation	Quantity	Unit Price	Factor	=	Total				
			1,067.88	0.54	1.1450		660.27				
			4418 sft of cut = 491 SY for lanes + 577 SY for asphalt path								
44	32 12 13 13 0006	SY	Tack Coat, 0.11 Gallon/SY							\$799.40	
		Installation	Quantity	Unit Price	Factor	=	Total				
			577.00	1.21	1.1450		799.40				
			5200 SFT= 577 SY of asphalt walking path								
45	32 12 16 13 0005	SY	2" Thick Bituminous Hot Mix Intermediate Binder CourseIncludes placement, rolling, finishing and sweeping.							\$7,881.73	
		Installation	Quantity	Unit Price	Factor	=	Total				
			577.00	11.93	1.1450		7,881.73				
			5200 SFT= 577 SY repair asphalt path damaged during trucking								
46	32 12 16 13 0005 0435		For >500 To 1,000, Add							\$607.81	
		Installation	Quantity	Unit Price	Factor	=	Total				
			577.00	0.92	1.1450		607.81				
47	32 12 16 13 0016	SY	2" Thick Bituminous Hot Mix Surface Wearing CourseIncludes placement, rolling, finishing and sweeping.							\$7,657.11	
		Installation	Quantity	Unit Price	Factor	=	Total				
			577.00	11.59	1.1450		7,657.11				
			5200 SFT= 577 SY repair asphalt path damaged during trucking								
48	32 12 16 13 0016 0435		For >500 To 1,000, Add							\$634.24	
		Installation	Quantity	Unit Price	Factor	=	Total				
			577.00	0.96	1.1450		634.24				
49	32 31 13 13 0011	VLF	18" Diameter Hole, Auger By Machine Fence Post Hole In Soil							\$290.46	
		Installation	Quantity	Unit Price	Factor	=	Total				
			14.00	18.12	1.1450		290.46				
			42" deep for frost x 4 fence posts								

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Restoration

50	32 31 13 13 0028	VLF	18" Diameter, Concrete Fill For Post Hole							\$244.14
		Installation	Quantity	Unit Price	Factor	=	Total			
			7.00	30.46	1.1450		244.14			
			24" concrete of 4 ea							
51	32 31 13 13 0054	VLF	18" Diameter, Compacted Earth Fill For Post Hole							\$107.24
		Installation	Quantity	Unit Price	Factor	=	Total			
			7.00	13.38	1.1450		107.24			
			21" fill for 4 ea							
52	32 91 13 36 0002	MSF	Rake Topsoil With Machine							\$1,154.23
		Installation	Quantity	Unit Price	Factor	=	Total			
			16.00	62.73	1.1500		1,154.23			
			fine grade for seeding							
53	32 91 13 36 0005	SY	Roll Topsoil With Machine							\$1,676.65
		Installation	Quantity	Unit Price	Factor	=	Total			
			1,778.00	0.82	1.1500		1,676.65			
			Level fill							
54	32 91 19 13 0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep							\$14,006.20
		Installation	Quantity	Unit Price	Factor	=	Total			
			889.00	13.70	1.1500		14,006.20			
			16000sf footprint =1778sy/2for 4.5' thick =889sy							
55	32 92 19 13 0019	MSF	Turf Mix, Hydro Or Air Seeding4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.							\$1,511.93
		Installation	Quantity	Unit Price	Factor	=	Total			
			16.00	82.17	1.1500		1,511.93			
			Seed							
56	32 92 19 13 0019 0304		For >7.5 To 10, Add							\$304.34
		Installation	Quantity	Unit Price	Factor	=	Total			
			16.00	16.54	1.1500		304.34			
57	32 92 19 13 0019 0533		For Tackifier, Add							\$25.21
		Installation	Quantity	Unit Price	Factor	=	Total			
			16.00	1.37	1.1500		25.21			
58	33 31 11 00 0023	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe							\$1,409.90
		Installation	Quantity	Unit Price	Factor	=	Total			
			50.00	24.52	1.1500		1,409.90			

Subtotal for Restoration **\$97,531.69**

Safety

59	01 55 26 00 0150	EA	Placement And Removal Of Up To 250 Barricades Using Truck							\$186.88
		Installation	Quantity	Unit Price	Factor	=	Total			
			25.00	6.50	1.1500		186.88			
			traffic control front lot/laydown area							
60	01 56 26 00 0005	LF	Temporary 6' High Chain Link Fence And Posts, Up To 6 Months							\$6,541.16
		Installation	Quantity	Unit Price	Factor	=	Total			
			965.00	5.92	1.1450		6,541.16			
			construction fencing							

Subtotal for Safety **\$6,728.04**

Site protection

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1009.00
Work Order Title: Rochester Hills Borden Park Passive Batting Cages

Site protection

61	31 25 14 26 0008	LF	3' High Silt Fence with Stakes at 4' On Center						\$1,920.50	
			Installation	Quantity	Unit Price	Factor	=	Total		
				500.00	3.34	1.1500		1,920.50		
			soil erosion control							
62	31 25 14 26 0017	LF	Removal Of Silt Fence And Stakes						\$333.50	
			Installation	Quantity	Unit Price	Factor	=	Total		
				500.00	0.58	1.1500		333.50		
			Soil erosion Control							

Subtotal for Site Protection **\$2,254.00**

storm drain

63	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".						\$799.17	
			Installation	Quantity	Unit Price	Factor	=	Total		
				1.00	694.93	1.1500		799.17		
			tap in to new storm drain							
64	33 42 31 00 0034	EA	8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin						\$3,959.14	
			Installation	Quantity	Unit Price	Factor	=	Total		
				1.00	3,442.73	1.1500		3,959.14		
			Drainage							
65	33 42 31 00 0430	EA	23" x 23" Cast Iron Catch Basin Frame And Cover						\$1,883.76	
			Installation	Quantity	Unit Price	Factor	=	Total		
				1.00	1,638.05	1.1500		1,883.76		
			Drainage							

Subtotal for storm drain **\$6,642.07**

Proposal Total **\$383,930.35**

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: **15.34%**



Subcontractor Listing

Date: August 28, 2024

Re: Master Contract #: RH-23-034 Region 1-6 - GC - Lang Constructors
Work Order #: 1009.00
Owner PO #:
Title: Rochester Hills Borden Park Passive Batting Cages
Contractor: Lang Constructors Inc
Proposal Value: \$383,930.35

Name of Contractor	Duties	Amount	%
No Subcontractors have been selected for this Work Order		\$0.00	0.00

LANG

CONSTRUCTORS INC.

To: City of Rochester Hills

Re: Borden Park Batting Cages Option A

Attn:

August 26, 2024

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

1. **ROWE Engineering will perform topographical survey and develop design-build solution for the City of Rochester Hills for replacing the existing batting/pitching area between the basketball courts and the ball diamonds with two-premanufactures passive batting cages at the same location.**
2. **Provide utility location via Miss Dig**
3. **Shut off existing electrical and make safe**
4. **Demolition of existing batting cages (access using asphalt walking path)**
 - 4.1 **Remove, load, haul, and dispose of existing pitching equipment, fencing, and netting structure**
 - 4.2 **Saw cut, load, haul, and dispose of all existing concrete**
5. **Restoration of existing footprint**
 - 5.1 **Addition of new 24" drain structure with 6" storm tie to adjacent CB approx. 30LF away (ring/lid included)**
 - 5.2 **Install sand fill, top with topsoil, compaction, and final grade**
 - 5.3 **Apply hydroseed on disturbed area**
6. **Pour footings for Batting Cage poles 12 ea.**
 - 6.1 **Excavate with machine 12 ea holes for pole foundation**
 - 6.3 **Pour concrete footing and set 12 ea post**
6. **Prepare site for new double lane 14ft x 14ft x 55ft passive batting cage**
 - 6.1 **10" cut subgrade, load and dispose of earth for new batting cage lanes**
 - 6.2 **Grade, prep, and install 6" stone base**
 - 6.3 **Pour concrete for ADA approach and batting lane surface, 4" thickened edge concrete**
7. **Prepare site for new double lane 14ft x 14ft x 70ft passive batting cage**
 - 7.1 **10" cut subgrade, load and dispose of earth for new batting cage lanes**
 - 7.2 **Grade, prep, and install 6" stone base**
 - 7.3 **Pour concrete for ADA approach and batting lane surface, 4" thickened edge concrete**
8. **Batting Lane surface**
 - 8.1 **Install turf in new batting lanes (non-padded over concrete)**
9. **Install ADA Gates for 1 lane ea double**
10. **Install netting**
11. **Install accessories**
12. **Restoration of asphalt walking path damaged by trucking**
 - 12.1 **4" Asphalt remove and replace walking path**

Price: See Gordian Proposal

NOTES:

- Excluded permits, inspections, environmental testing, geotechnical, electrical engineering
- Excludes Stormwater retention design, landscape/irrigation plan
- Contractor responsible for coordination with facility
- Contractor to provide clean up daily
- Contractor to provide barricades and safety devices

Emily Lang
Project Manager