



Work Order Signature Document

Contract No.: RH-23-034 Region 1-6 - GC - Lang Constructors

New Work Order

Modify an Existing Work Order

Work Order Number: 1004.00

Work Order Date: 04/15/2024

Work Order Title: Rochester Hills Borden Park Equipment Shed

Owner Name: _____

Contractor Name: Lang Constructors Inc

Contact: Mike Viazanko

Contact: Jeff Lang

Phone: 248-841-2533

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.

Brief Work Order Description:

Construct pole barn style equipment shed per sketches provided by City. Metal siding and roofing on wood or metal framing depending on lowest cost. Provide pricing for 60' x 30' and 80' x 30' options; both 14' eave height. Gravel "floor". Site placement is gravel lot; plan for dressing and supplementing gravel around new construction. Door openings 12' x 12' but no doors; 4 for 60' bldg. & 6 for 80' bldg. No lights. Permits will be required so contractor to produce and submit stamped plans for approval. No permit fees.

Time of Performance

Liquidated Damages

Will apply:

Will not apply:

Work Order Firm Fixed Price: \$154,898.54

Owner Purchase Order Number:

Approvals

Owner

Date

Contractor

Date



Detailed Scope of Work

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

From: Mike Viazanko
City of Rochester Hills
1000 Rochester Hills Dr.
Rochester Hills, MI 48309
248-841-2533

Date Printed: April 15, 2024

Work Order Number: 1004.00

Work Order Title: Rochester Hills Borden Park Equipment Shed

Brief Scope: Construct pole barn style equipment shed per sketches provided by City. Metal siding and roofing on wood or metal framing depending on lowest cost. Provide pricing for 60' x 30' and 80' x 30' options; both 14' eave height. Gravel "floor". Site placement is gravel lot; plan for dressing and supplementing gravel around new construction. Door openings 12' x 12' but no doors; 4 for 60' bldg. & 6 for 80' bldg. No lights. Permits will be required so contractor to produce and submit stamped plans for approval. No permit fees.

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.

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

Detailed Scope to date:

1. 30'x80'x14' post structure with 6 ea 12'x12' framed openings (no doors)
2. Haul spoils from post holes, stone backfill @ wood post on concrete cookie, 100 tons stone to level interior finished elevation, graded and compacted.
3. Metal roof, siding 29GA, aluminum soffit/fascia, gutters downspout and splash blocks.
4. 12ea 4"x 8' with 10"x10" concrete filled
5. Architectural design, sealed drawings, & Civil Engineering Services see attached

NOTES:

- Contractor responsible for coordination with facility
- Contractor to provide clean up daily
- Contractor to provide barricades and safety devices
- City to waive permit fees

Detailed Scope of Work Continues..

Work Order Number: 1004.00
Work Order Title: Rochester Hills Borden Park Equipment Shed

Contractor

Date

Owner

Date

Contractor's Price Proposal - Summary

Date: April 15, 2024

Re: Master Contract #: RH-23-034 Region 1-6 - GC - Lang Constructors
Work Order #: 1004.00
Owner PO #:
Title: Rochester Hills Borden Park Equipment Shed
Contractor: Lang Constructors Inc
Proposal Value: \$154,898.54

No Category Input **\$154,898.54**

Proposal Total **\$154,898.54**

Contractor's Price Proposal - Detail

Date: April 15, 2024
Re: Master Contract #: RH-23-034 Region 1-6 - GC - Lang Constructors
 Work Order #: 1004.00
 Owner PO #:
 Title: Rochester Hills Borden Park Equipment Shed
 Contractor: Lang Constructors Inc
 Proposal Value: \$154,898.54

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
1	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.	\$5,725.00
				Installation Quantity Unit Price Factor = Total 5,000.00 x 1.00 x 1.1450 = 5,725.00 sealed Architectural Drawings John Costa AIA	
2	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.	\$19,465.00
				Installation Quantity Unit Price Factor = Total 17,000.00 x 1.00 x 1.1450 = 19,465.00 Civil Engineering Services Proposal Rowe	
3	01 22 23 00 0287		WK	2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	\$9,420.46
				Installation Quantity Unit Price Factor = Total 2.00 x 4,113.74 x 1.1450 = 9,420.46 operator 1/2 time auger post holes/load spoils/backfill post holes/grade stone base	
4	01 22 23 00 0287 0066		MOD	For Equipment Without Operator, Deduct	-\$1,767.37
				Installation Quantity Unit Price Factor = Total 0.50 x -3,087.11 x 1.1450 = -1,767.37	
5	01 22 23 00 0311		WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	\$293.54
				Installation Quantity Unit Price Factor = Total 1.00 x 256.37 x 1.1450 = 293.54 auger post holes	
6	01 22 23 00 0320		WK	Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	\$175.08
				Installation Quantity Unit Price Factor = Total 1.00 x 152.91 x 1.1450 = 175.08 auger post holes	
7	01 22 23 00 0323		WK	2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	\$27.27
				Installation Quantity Unit Price Factor = Total 1.00 x 23.82 x 1.1450 = 27.27 4' fost depth	

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)		
No Category Input					
8	01 22 23 00 1054		WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator	\$9,675.30
			Installation	Quantity 2.00 x Unit Price 4,225.02 x Factor 1.1450 = Total 9,675.30 handle material and set header at framed openings	
9	01 22 23 00 1054 0034		MOD	For Equipment Without Operator, Deduct	-\$3,534.74
			Installation	Quantity 1.00 x Unit Price -3,087.11 x Factor 1.1450 = Total -3,534.74	
10	01 55 26 00 0054		MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails	\$921.50
			Installation	Quantity 20.00 x Unit Price 40.24 x Factor 1.1450 = Total 921.50 protect owners operation at site	
11	01 71 13 00 0002		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed TruckIncludes 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.	\$1,228.08
			Installation	Quantity 3.00 x Unit Price 357.52 x Factor 1.1450 = Total 1,228.08 skid /auger/bit	
12	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.	\$1,517.78
			Installation	Quantity 1.00 x Unit Price 1,325.57 x Factor 1.1450 = Total 1,517.78 sky track	
13	01 71 13 00 0007		EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic CranelIncludes delivery and pickup.	\$982.48
			Installation	Quantity 1.00 x Unit Price 858.06 x Factor 1.1450 = Total 982.48 set trusses and framed gable ends	
14	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.	\$658.38
			Installation	Quantity 1.00 x Unit Price 575.00 x Factor 1.1450 = Total 658.38 Construction debris	
15	01 74 19 00 0035		CY	Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	\$690.09
			Installation	Quantity 14.00 x Unit Price 43.05 x Factor 1.1450 = Total 690.09 24" circle X 4' deep X 30ea post = 14cy	
16	01 74 19 00 0037		CYM	Hauling On Paved Roads, First 15 Miles	\$197.17
			Installation	Quantity 210.00 x Unit Price 0.82 x Factor 1.1450 = Total 197.17 spoils at post holes 14cy x 15miles = 210CYM	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 1004.00
Work Order Title: Rochester Hills Borden Park Equipment Shed

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
No Category Input								
17	06 05 23 00 0051		EA	6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A)	\$567.10			
				Quantity	Unit Price	Factor	=	Total
			Installation	82.00	6.04	1.1450	=	567.10
18	06 05 23 00 0186		EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	\$1,609.64			
				Quantity	Unit Price	Factor	=	Total
			Installation	60.00	23.43	1.1450	=	1,609.64
19	06 11 16 00 0006		LF	2" x 12" Wood Rafter	\$1,588.89			
				Quantity	Unit Price	Factor	=	Total
			Installation	336.00	4.13	1.1450	=	1,588.89
				post headers				
20	06 11 16 00 0010		LF	2" x 10" Pressure Treated Wood Rafter	\$872.63			
				Quantity	Unit Price	Factor	=	Total
			Installation	174.00	4.38	1.1450	=	872.63
				ratwall grade boards				
21	06 11 16 00 0105		LF	6" x 6" Pressure Treated Wood Post	\$8,384.15			
				Quantity	Unit Price	Factor	=	Total
			Installation	648.00	11.30	1.1450	=	8,384.15
				36ea @ 18' long				
22	06 11 16 00 0108		LF	2" x 6" Wood Girt	\$816.11			
				Quantity	Unit Price	Factor	=	Total
			Installation	346.00	2.06	1.1450	=	816.11
				Barn framing				
23	06 11 16 00 0109		LF	2" x 8" Wood Girt	\$459.83			
				Quantity	Unit Price	Factor	=	Total
			Installation	160.00	2.51	1.1450	=	459.83
				Barn framing				
24	06 11 16 00 0120		LF	2" x 10" Pressure Treated Wood Girt	\$778.99			
				Quantity	Unit Price	Factor	=	Total
			Installation	174.00	3.91	1.1450	=	778.99
				Barn framing				
25	06 11 16 00 0198		LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	\$8,078.30			
				Quantity	Unit Price	Factor	=	Total
			Installation	2,868.00	2.46	1.1450	=	8,078.30
				Barn framing/purlins				
26	06 17 13 00 0005		LF	1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	\$1,530.77			
				Quantity	Unit Price	Factor	=	Total
			Installation	156.00	8.57	1.1450	=	1,530.77
				13'x12ea Opening headers				
27	06 17 53 00 0012		EA	30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	\$15,759.44			
				Quantity	Unit Price	Factor	=	Total
			Installation	41.00	335.70	1.1450	=	15,759.44
				Trusses/gable				

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)		
No Category Input					
28	07 41 13 00 0009		SF	28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels	\$15,170.27
				Installation	
				Quantity	2,766.00
				Unit Price	4.79
				Factor	1.1450
				Total	15,170.27
				Roof panels	
29	07 41 13 00 0009 0129		MOD	For Fluoropolymer (Kynar®) Coating, Add	\$3,990.51
				Installation	
				Quantity	2,766.00
				Unit Price	1.26
				Factor	1.1450
				Total	3,990.51
30	07 42 93 00 0004		LF	1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	\$1,434.87
				Installation	
				Quantity	236.00
				Unit Price	5.31
				Factor	1.1450
				Total	1,434.87
				Soffit	
31	07 42 93 00 0011		LF	6" Exposure, 0.024" Thick, Aluminum Fascia	\$1,367.31
				Installation	
				Quantity	236.00
				Unit Price	5.06
				Factor	1.1450
				Total	1,367.31
				Fascia	
32	07 42 93 00 0012		LF	8" Exposure, 0.024" Thick, Aluminum Fascia	\$1,508.65
				Installation	
				Quantity	216.00
				Unit Price	6.10
				Factor	1.1450
				Total	1,508.65
33	07 46 19 00 0007		SF	28 Gauge, Painted Finish, Corrugated Steel Siding Panel	\$19,425.89
				Installation	
				Quantity	2,536.00
				Unit Price	6.69
				Factor	1.1450
				Total	19,425.89
				30"x80"x14"less 6ea 12"x12' openings = 2536	
34	07 71 23 00 0004		LF	5", 0.027" Thick, K-Style Aluminum Gutter	\$1,597.07
				Installation	
				Quantity	162.00
				Unit Price	8.61
				Factor	1.1450
				Total	1,597.07
				gutters	
35	07 71 23 00 0026		EA	5", Half Round Aluminum Gutter End Cap	\$23.22
				Installation	
				Quantity	4.00
				Unit Price	5.07
				Factor	1.1450
				Total	23.22
36	07 71 23 00 0055		LF	4" x 5", 0.019" Thick, Rectangular Aluminum Downspout	\$751.58
				Installation	
				Quantity	60.00
				Unit Price	10.94
				Factor	1.1450
				Total	751.58
37	31 05 16 00 0005		CY	#5 Stone Aggregate Fill (1/2" To 1" Clean)	\$917.40
				Installation	
				Quantity	14.00
				Unit Price	57.23
				Factor	1.1450
				Total	917.40
				stone fill @ post excavation	
38	31 05 16 00 0006		CY	#6 Stone Aggregate Fill (3/8" To 3/4" Clean)	\$6,823.06
				Installation	
				Quantity	100.00
				Unit Price	59.59
				Factor	1.1450
				Total	6,823.06
				30"x80"x12" stone base and fill NW corner where grade falls off	
39	31 23 16 36 0017		CY	Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	\$54.82
				Installation	
				Quantity	14.00
				Unit Price	3.42
				Factor	1.1450
				Total	54.82
				24"circle x4' deep x30ea post = 14cy stone back	

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)		
No Category Input					
40	31 23 16 36 0021		CY	Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	\$922.87
				Installation	
				Quantity	Unit Price
				100.00	8.06
				x	x
					Factor =
					1.1450
					Total
					922.87
				Stone base to fill and level floor where grade falls off at rear corner	
41	31 23 16 36 0024		SY	Rough Grading For Building Foundations And Other Structures by Machine	\$293.90
				Installation	
				Quantity	Unit Price
				276.00	0.93
				x	x
					Factor =
					1.1450
					Total
					293.90
				30x80=276sy	
42	31 23 16 36 0025		SY	Finish Grading For Building Foundations And Other Structures by Machine	\$474.03
				Installation	
				Quantity	Unit Price
				276.00	1.50
				x	x
					Factor =
					1.1450
					Total
					474.03
				30x80=276sy	
43	31 23 16 36 0031		CY	Spread Excess Or Imported Material On Site By Machine	\$796.37
				Installation	
				Quantity	Unit Price
				276.00	2.52
				x	x
					Factor =
					1.1450
					Total
					796.37
				stone backfill at post	
44	31 25 14 26 0003		LF	2' High Silt Fence with Stakes at 4' On Center	\$721.35
				Installation	
				Quantity	Unit Price
				200.00	3.15
				x	x
					Factor =
					1.1450
					Total
					721.35
				soil erosion at site	
45	32 39 13 00 0003		LF	4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	\$10,565.51
				Installation	
				Quantity	Unit Price
				96.00	96.12
				x	x
					Factor =
					1.1450
					Total
					10,565.51
				124" bollards at each side of 6 doors 4' in ground 4' out	
46	32 39 13 00 0003	0282	MOD	For Concrete Fill, Add Per LF Of Pipe Bollard	\$871.67
				Installation	
				Quantity	Unit Price
				96.00	7.93
				x	x
					Factor =
					1.1450
					Total
					871.67
47	32 39 27 00 0006		EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe	\$1,067.32
				Installation	
				Quantity	Unit Price
				12.00	77.68
				x	x
					Factor =
					1.1450
					Total
					1,067.32
				bollard covers	
Subtotal for No Category Input					\$154,898.54
Proposal Total					\$154,898.54

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