

**Work Order Signature Document**

**Contract No.: RH-23-034 Region 1-6 - Civil/Site - CTI Contractor Services**

**New Work Order**

**Modify an Existing Work Order**

Work Order Number: 1007.00

Work Order Date: 05/21/2024

Work Order Title: Rochester Hills Innovation Hills Fencing

Owner Name: \_\_\_\_\_

Contractor Name: CTI Contractor Services LLC

Contact: Dennis Andrews

Contact: Edward Wenz

Phone: 248-841-2556

Phone: 248-698-6900

**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 - CTI Contractor Services.

Brief Work Order Description:

Add fencing along parking, equipment storage and connect to NW corner of Ranger Station. Construct new dumpster enclosure per city standards and drawing provided. Level and restore lawn between Ranger station and the dumpster enclosure for outdoor employee break space. Create stone wall and improved picnic area at east end of parking lot. Protect area from overflow parking with bollards and chains.

**Time of Performance**

**Liquidated Damages**

Will apply:

Will not apply:

**Work Order Firm Fixed Price: \$124,342.93**

Owner Purchase Order Number:

**Approvals**

\_\_\_\_\_  
Owner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Date

## Detailed Scope of Work

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**To:** Edward Wenz  
CTI Contractor Services LLC  
8756 Trenton Drive  
White Lake, MI 48386  
248-698-6900

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

**Date Printed:** May 21, 2024

**Work Order Number:** 1007.00

**Work Order Title:** Rochester Hills Innovation Hills Fencing

**Brief Scope:** Add fencing along parking, equipment storage and connect to NW corner of Ranger Station. Construct new dumpster enclosure per city standards and drawing provided. Level and restore lawn between Ranger station and the dumpster enclosure for outdoor employee break space. Create stone wall and improved picnic area at east end of parking lot. Protect area from overflow parking with bollards and chains.

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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.

Build dumpster corral as per specifications in drawing provided by Rochester Hills. Cut and remove asphalt area of parking for new concrete work to be provided. Haul away materials. Excavate footings per specification, but include additional width to corral, as per agreed from walk through. Pour footings two scope size width & depth. Furnish & install block wall on perimeter, CMU to size noted on SOW. Three sides of dumpster corral, on the back wall drain ports will be built in to the wall to allow drainage from parking lot to exit corral to drain rain water from the area. Furnish & install furring strips and standing seam metal siding on three sides of corral with metal cap. Furnish & install fence / gate poles with footings and custom build fence gate with metal siding to match. Furnishing & install new concrete pad and slab in corral per specifications.

For vinyl fence, perimeter as scoped by city around ranger station area. Clean out growth, where fence will be done and haul away. Furnish & install post holes for all fence to depth and concrete poles. Pole install vinyl post and vinyl six foot fence, gray in color, around perimeter from parking area around corner to ranger station per plan. Grade out and remove soil as needed. Seed and straw areas effected from work on each side of new fence.

The grading of rear landing / storage area by the Ranger Station as specified by Rochester Hills. The area is to be regraded to have a flat storage area. Move dirt and soil as necessary & haul away extra spoils. Seed and straw affected area.

Lower picnic area restoration work. The grading and building of a retaining wall of boulders rocks provided by city approximately 35 feet of retaining wall & regrade on each side. The picnic area retaining wall shall install drain pipe behind retaining wall. Seed and straw affected grass area. Includes hauling of rocks that are stored behind Ranger Station and additional rocks. Along with boulders provided by neighboring property.

**Detailed Scope of Work Continues..**

**Work Order Number:** 1007.00

**Work Order Title:** Rochester Hills Innovation Hills Fencing

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Contractor

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Date

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Owner

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Date

# Contractor's Price Proposal - Summary

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**Date:** May 21, 2024

**Re:** Master Contract #: RH-23-034 Region 1-6 - Civil/Site - CTI Contractor Services  
Work Order #: 1007.00  
Owner PO #:  
Title: Rochester Hills Innovation Hills Fencing  
Contractor: CTI Contractor Services LLC  
Proposal Value: \$124,342.93

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<b>.01 Design &amp; Permits</b>	<b>\$5,280.50</b>
<b>Dumpster Gate</b>	<b>\$12,447.06</b>
<b>Dumpster wall</b>	<b>\$23,652.49</b>
<b>Fencing</b>	<b>\$38,388.84</b>
<b>General</b>	<b>\$5,637.07</b>
<b>Mobilization</b>	<b>\$2,636.71</b>
<b>New Concrete Slab</b>	<b>\$5,494.36</b>
<b>Paving Demo</b>	<b>\$8,096.54</b>
<b>Picnic Area</b>	<b>\$22,709.36</b>
<b>Proposal Total</b>	<b>\$124,342.93</b>

# Contractor's Price Proposal - Detail

Date: May 21, 2024

Re: Master Contract #: RH-23-034 Region 1-6 - Civil/Site - CTI Contractor Services  
 Work Order #: 1007.00  
 Owner PO #:  
 Title: Rochester Hills Innovation Hills Fencing  
 Contractor: CTI Contractor Services LLC  
 Proposal Value: \$124,342.93

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

## .01 Design & Permits

1	01 22 20 00 0054	HR		Principal Architect	\$2,655.00
			Quantity	Unit Price	Factor = Total
			Installation	8.00 x 225.00 x 1.4750 =	2,655.00
2	01 22 20 00 0057	HR		Principal Engineer	\$2,625.50
			Quantity	Unit Price	Factor = Total
			Installation	8.00 x 222.50 x 1.4750 =	2,625.50

**Subtotal for .01 Design & Permits \$5,280.50**

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

## Dumpster Gate

3	05 05 21 00 0003	EA		Welding Minimum ChargeFor projects where the total welding 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.	\$570.54
			Quantity	Unit Price	Factor = Total
			Installation	1.00 x 386.81 x 1.4750 =	570.54
			Welding for custom gate		
4	31 23 16 16 0011	VLF		18" Diameter Hole, Auger By Machine Post Hole In Soil	\$213.82
			Quantity	Unit Price	Factor = Total
			Installation	8.00 x 18.12 x 1.4750 =	213.82
			Custom gate posts		
5	31 23 16 16 0028	VLF		Concrete Fill, 18" Diameter Hole	\$359.43
			Quantity	Unit Price	Factor = Total
			Installation	8.00 x 30.46 x 1.4750 =	359.43
			Custom gate posts		
6	32 31 13 13 0336	EA		14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	\$3,482.34
			Quantity	Unit Price	Factor = Total
			Installation	1.00 x 2,360.91 x 1.4750 =	3,482.34
			Dumpster gate to attach pickets to.		
7	32 39 13 00 0005	LF		8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	\$7,284.97
			Quantity	Unit Price	Factor = Total
			Installation	24.00 x 205.79 x 1.4750 =	7,284.97
			2 x 12' = 24'		
8	32 39 13 00 0005 0284	MOD		For Concrete Fill, Add Per LF Of Pipe Bollard	\$535.96
			Quantity	Unit Price	Factor = Total
			Installation	24.00 x 15.14 x 1.4750 =	535.96

**Subtotal for Dumpster Gate \$12,447.06**

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

**Work Order Number:** 1007.00  
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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>Dumpster wall</b>					
9	03 21 11 00 0005		LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	\$1,227.20
				Installation	
			Quantity	Unit Price	Factor = Total
			400.00	2.08	1.4750 = 1,227.20
			x	x	
				400' of rebar	
10	03 21 11 00 0005		LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar	\$466.34
				Installation	
			Quantity	Unit Price	Factor = Total
			152.00	2.08	1.4750 = 466.34
			x	x	
				19 x 8' = 152	
11	03 21 11 00 0005 0173		MOD	For >100 To 200, Add	\$174.88
				Installation	
			Quantity	Unit Price	Factor = Total
			152.00	0.78	1.4750 = 174.88
			x	x	
12	03 31 13 00 0018		CY	Direct Chute, Place 3,000 PSI Concrete Continuous Footings	\$3,019.33
				Installation	
			Quantity	Unit Price	Factor = Total
			10.00	204.70	1.4750 = 3,019.33
			x	x	
				Dumpster wall footing 40 x 42" x 18" Wide	
13	03 31 13 00 0018 0031		MOD	For 4,000 PSI Concrete, Add	\$215.94
				Installation	
			Quantity	Unit Price	Factor = Total
			10.00	14.64	1.4750 = 215.94
			x	x	
14	03 31 13 00 0018 0036		MOD	For White Cement Concrete, Add	\$301.34
				Installation	
			Quantity	Unit Price	Factor = Total
			10.00	20.43	1.4750 = 301.34
			x	x	
15	03 31 13 00 0018 0038		MOD	For High Early Strength, Type 3 ASTM C150, Add	\$251.19
				Installation	
			Quantity	Unit Price	Factor = Total
			10.00	17.03	1.4750 = 251.19
			x	x	
16	03 31 13 00 0018 0040		MOD	For Up To 20, Add	\$203.26
				Installation	
			Quantity	Unit Price	Factor = Total
			10.00	13.78	1.4750 = 203.26
			x	x	
17	04 05 16 26 0009		SF	Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	\$690.54
				Installation	
			Quantity	Unit Price	Factor = Total
			76.00	6.16	1.4750 = 690.54
			x	x	
				152' x 6" = 76 SF	
18	04 05 19 13 0006		CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	\$112.32
				Installation	
			Quantity	Unit Price	Factor = Total
			1.40	54.39	1.4750 = 112.32
			x	x	
				4 runs X 35' = 140' /100' = 1.4 CLF	
19	04 05 19 13 0006 0010		MOD	For Hot-Dipped Galvanized, Add	\$21.95
				Installation	
			Quantity	Unit Price	Factor = Total
			1.40	10.63	1.4750 = 21.95
			x	x	
20	04 22 23 13 0006		SF	8" x 8" x 16", Cored, Lightweight, Concrete Block	\$5,104.68
				Installation	
			Quantity	Unit Price	Factor = Total
			280.00	12.36	1.4750 = 5,104.68
			x	x	
				8' x 35' = 280 SF of new wall	

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

**Work Order Number:** 1007.00  
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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>Dumpster wall</b>					
21	05 05 19 00 0204		EA	1/4" x 2-1/4" Tapcon Masonry Screw	\$2,245.69
				Quantity	Unit Price
				175.00 x	8.70 x
				Factor =	Total
				1.4750 =	2,245.69
				Tap cons for attaching the fur strips.	
22	05 05 19 00 0204 0201		MOD	For >100, Deduct	-\$425.91
				Quantity	Unit Price
				175.00 x	-1.65 x
				Factor =	Total
				1.4750 =	-425.91
23	06 11 16 00 0039		LF	2" x 8" Cedar Rafter Or Joist	\$211.66
				Quantity	Unit Price
				70.00 x	2.05 x
				Factor =	Total
				1.4750 =	211.66
				35' x 2 = 70 top plat of wall	
24	06 11 16 00 0205		LF	1" x 4" Cedar Light Framing, Trim And Furring	\$501.80
				Quantity	Unit Price
				140.00 x	2.43 x
				Factor =	Total
				1.4750 =	501.80
				4 runs x 35' = 140' furring for metal to block	
25	07 41 13 00 0032		SF	Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	\$6,507.94
				Quantity	Unit Price
				384.00 x	11.49 x
				Factor =	Total
				1.4750 =	6,507.94
				8' x 48' = 384 SF standing seem wall covering	
26	07 41 13 00 0032 0010		MOD	For Up To 1,500, Add	\$1,185.31
				Quantity	Unit Price
				280.00 x	2.87 x
				Factor =	Total
				1.4750 =	1,185.31
27	07 41 13 00 0040		LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	\$825.48
				Quantity	Unit Price
				35.00 x	15.99 x
				Factor =	Total
				1.4750 =	825.48
				metal cap for wall	
28	07 62 19 00 0172		LF	Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge	\$811.55
				Quantity	Unit Price
				35.00 x	15.72 x
				Factor =	Total
				1.4750 =	811.55
				drip edge on wall	

**Subtotal for Dumpster wall** **\$23,652.49**

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>Fencing</b>					
29	31 23 16 16 0011		VLF	18" Diameter Hole, Auger By Machine Post Hole In Soil	\$213.82
				Quantity	Unit Price
				8.00 x	18.12 x
				Factor =	Total
				1.4750 =	213.82
				Post holes for bollards at entry to ranger station	
30	31 23 16 33 0016		SY	Finish Grading for Bulk Excavation by Machine	\$3,249.72
				Quantity	Unit Price
				4,080.00 x	0.54 x
				Factor =	Total
				1.4750 =	3,249.72
				Approx. 1200sqft of re-grade of pad for back storage. Approx. 2880 sqft of re-grade along all fence are installed each side.	

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

**Work Order Number:** 1007.00  
**Work Order Title:** Rochester Hills Innovation Hills Fencing

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>Fencing</b>					
31	31 24 13 00 0004		CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	\$183.53
				Installation	
			Quantity	Unit Price	Factor = Total
			23.00	5.41	1.4750 = 183.53
			Approx. 23 CY of soil re-grade of rear area by Ranger station		
32	31 24 13 00 0004 0039		MOD	For >20 To 50, Add	\$137.74
				Installation	
			Quantity	Unit Price	Factor = Total
			23.00	4.06	1.4750 = 137.74
33	32 31 13 13 0008		VLF	8" Diameter Hole, Auger By Machine Fence Post Hole In Soil	\$1,347.68
				Installation	
			Quantity	Unit Price	Factor = Total
			72.00	12.69	1.4750 = 1,347.68
			240' / 10' OC = 24 x 3' = 72 VLF		
34	32 31 13 13 0025		VLF	8" Diameter, Concrete Fill For Post Hole	\$1,608.93
				Installation	
			Quantity	Unit Price	Factor = Total
			72.00	15.15	1.4750 = 1,608.93
			240' / 10' OC = 24 x 3' = 72 VLF		
35	32 31 13 13 0025		VLF	8" Diameter, Concrete Fill For Post Hole	\$357.54
				Installation	
			Quantity	Unit Price	Factor = Total
			16.00	15.15	1.4750 = 357.54
			Two (2) bollards for entry to ranger station.		
36	32 31 23 00 0006		LF	6' High Privacy Tongue And Groove Vinyl Fence	\$24,960.54
				Installation	
			Quantity	Unit Price	Factor = Total
			240.00	70.51	1.4750 = 24,960.54
			240' of new fence		
37	32 39 13 00 0005		LF	8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated	\$4,856.64
				Installation	
			Quantity	Unit Price	Factor = Total
			16.00	205.79	1.4750 = 4,856.64
			Bollards at entry of ranger station area to help block traffic. Units will be 4ft deep and 4ft high.		
38	32 91 13 16 0019		EA	Wheat Straw Mulch BaleCovers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	\$897.45
				Installation	
			Quantity	Unit Price	Factor = Total
			82.00	7.42	1.4750 = 897.45
			Approx. 4080 sqft of straw over seed by ranger station		
39	32 92 19 13 0021		MSF	Utility Mix, Hydro Or Air Seeding 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	\$575.25
				Installation	
			Quantity	Unit Price	Factor = Total
			5.00	78.00	1.4750 = 575.25
			Seeding of fence areas, re-grade by ranger station		

**Subtotal for Fencing** **\$38,388.84**

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

**General**

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

**Work Order Number:** 1007.00  
**Work Order Title:** Rochester Hills Innovation Hills Fencing

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

**General**

40	01 71 36 00 0005		EA	>4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	\$4,774.22
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 3,236.76 x 1.4750 =	4,774.22
				GPR dig area	
41	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.	\$862.85
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				1.00 x 584.98 x 1.4750 =	862.85
				General debris removal	

**Subtotal for General** **\$5,637.07**

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

**Mobilization**

42	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.	\$2,636.71
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				5.00 x 357.52 x 1.4750 =	2,636.71
				Mini and bobcat, hammer attachment, fork lift attachment, auger attachment	

**Subtotal for Mobilization** **\$2,636.71**

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

**New Concrete Slab**

43	03 31 13 00 0007		SF	8" 3,000 PSI Slab On Grade Concrete Slabs Assembly	\$3,723.40
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				247.00 x 10.22 x 1.4750 =	3,723.40
44	03 31 13 00 0007 0154		MOD	For 4,000 PSI Concrete, Add	\$160.30
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				247.00 x 0.44 x 1.4750 =	160.30
45	03 31 13 00 0007 0158		MOD	For Up To 500, Add	\$1,216.85
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				247.00 x 3.34 x 1.4750 =	1,216.85
46	31 05 13 00 0004		CY	3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	\$300.69
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				4.11 x 49.60 x 1.4750 =	300.69
				247 SF x 4" = 82.33 CF / 27 = 3.04 CY x 1.35 Compaction = 4.11 CY	
47	31 05 13 00 0004 0053		MOD	For Up To 8, Add	\$60.14
				Installation	
				Quantity	
				Unit Price	
				Factor	
				Total	
				4.11 x 9.92 x 1.4750 =	60.14

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

**Work Order Number:** 1007.00  
**Work Order Title:** Rochester Hills Innovation Hills Fencing

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			
<b>New Concrete Slab</b>						
48	31 23 16 13 0010		CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	\$18.31	
			Installation	Quantity Unit Price Factor = Total		
				4.11 x 3.02 x 1.4750 = 18.31		
				247 SF x 4" = 82.33 CF / 27 = 3.04 CY x 1.35 Compaction = 4.11 CY		
49	31 23 16 13 0010 0065		MOD	For Up To 20, Add	\$14.67	
			Installation	Quantity Unit Price Factor = Total		
				4.11 x 2.42 x 1.4750 = 14.67		
<b>Subtotal for New Concrete Slab</b>					<b>\$5,494.36</b>	

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			
<b>Paving Demo</b>						
50	01 74 19 00 0028		CY	Drop-Off Dirt At Recycling Center	\$763.31	
			Installation	Quantity Unit Price Factor = Total		
				11.25 x 46.00 x 1.4750 = 763.31		
				Remove 225 SF of paving @ 1' = 225 CF / 27 8.33 CY x 1.35 Swell = 11.25 CY		
51	01 74 19 00 0037		CYM	Hauling On Paved Roads, First 15 Miles	\$204.10	
			Installation	Quantity Unit Price Factor = Total		
				168.75 x 0.82 x 1.4750 = 204.10		
				Remove 225 SF of paving @ 1' = 225 CF / 27 8.33 CY x 1.35 Swell = 11.25 CY x first 15 miles = 168.75 CYM		
52	02 41 13 13 0020		SY	>3" To 6" By Machine, Break-up And Remove Bituminous Paving	\$5,688.34	
			Installation	Quantity Unit Price Factor = Total		
				225.00 x 17.14 x 1.4750 = 5,688.34		
				225 SF / 9 = 25 SY removing existing paving		
53	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.	\$1,284.27	
			Installation	Quantity Unit Price Factor = Total		
				1.00 x 870.69 x 1.4750 = 1,284.27		
				Saw cutting of pavement for removal		
54	31 23 16 13 0005		CY	Over 12" Wide, Excavation for Trenching by Machine in Loose RockIncludes compacted aggregate	\$86.94	
			Installation	Quantity Unit Price Factor = Total		
				5.55 x 10.62 x 1.4750 = 86.94		
				8" x 225 SF 150 CF / 27 = 5.55 CY		
55	31 23 16 13 0005 0060		MOD	For Up To 20, Add	\$69.58	
			Installation	Quantity Unit Price Factor = Total		
				5.55 x 8.50 x 1.4750 = 69.58		
<b>Subtotal for Paving Demo</b>					<b>\$8,096.54</b>	

Sect.	Item	Modifier	UOM	Description	Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)			
<b>Picnic Area</b>						

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

**Work Order Number:** 1007.00  
**Work Order Title:** Rochester Hills Innovation Hills Fencing

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>Picnic Area</b>					
56	31 23 16 33 0016		SY	Finish Grading for Bulk Excavation by Machine	\$2,230.20
				Installation	
				Quantity	Unit Price
				2,800.00 x	0.54 x
					Factor =
					Total
					2,230.20
				Approx. 70 x 40 area to be re-graded for picnic area	
57	31 24 13 00 0004		CY	Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	\$821.91
				Installation	
				Quantity	Unit Price
				103.00 x	5.41 x
					Factor =
					Total
					821.91
				Picnic area grading work	
58	31 24 13 00 0004 0040		MOD	For >50 To 250, Add	\$328.16
				Installation	
				Quantity	Unit Price
				103.00 x	2.16 x
					Factor =
					Total
					328.16
59	32 32 53 00 0003		LF	\$16.00/ton 3' High Stone Retaining Wall, Dry Set	\$18,345.98
				Installation	
				Quantity	Unit Price
				35.00 x	355.37 x
					Factor =
					Total
					18,345.98
				Stone retaining wall build up on one(1) side approx. 35ft	
60	32 91 13 16 0019		EA	Wheat Straw Mulch BaleCovers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.	\$459.67
				Installation	
				Quantity	Unit Price
				42.00 x	7.42 x
					Factor =
					Total
					459.67
				Approx. 70x30 picnic area straw over the seed.	
61	32 92 19 13 0021		MSF	Utility Mix, Hydro Or Air Seeding 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.	\$322.14
				Installation	
				Quantity	Unit Price
				2.80 x	78.00 x
					Factor =
					Total
					322.14
				2800 sqft of picnic area to be seeded	
62	32 92 19 13 0021 0302		MOD	For >1 To 4, Add	\$201.30
				Installation	
				Quantity	Unit Price
				2.80 x	48.74 x
					Factor =
					Total
					201.30

**Subtotal for Picnic Area** **\$22,709.36**

**Proposal Total** **\$124,342.93**

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