

plante moran

Plante Moran Realpoint 3000 Town Center, Suite 100 Southfield, MI 48075 Tel: 248.223.3500 | Fax: 248.223.3150

pmrealpoint.com

February 7, 2024

Mr. Phillip Francis Asst. Superintendent of District Services Livonia Public Schools 15125 Farmington Road Livonia, MI 48154

RE: 2021 Bond Program
Playground Sitework and Site Landscaping Recommendation
Early Childhood Center

Dear Mr. Francis:

This letter transmits an update from Plante Moran Realpoint (PMR) as it relates to the assignment to assist and advise Livonia Public Schools (LPS) in its selection of a Prime Contractors for the Project listed above. This update represents the mutual efforts of PMR, Clark Construction Co., TMP Architects, and LPS administration and staff (the Team).

Coinciding with the new Early Childhood Center project, the Team has conducted multiple design meetings, visits to neighboring district facilities, and review of LPS' current playground areas over the course of the past few months focused on the sitework and amenities for the ECC playground.

Following completion of that process, the Team is recommending the firms listed within Clark Construction Co.'s Change Request to provide and install playground sitework, concrete, fencing and landscaping at the Livonia Early Childhood Center in an amount not-to-exceed \$491,970.00 with CM Fees and Costs of \$19,678.00, and a contingency of \$49,197.00 (10%), for a **total recommendation of \$560,845.00.**

For the Contractors, the pricing for this work will be issued in Contract Change Orders.

The Team is available at the Board's convenience to answer any questions regarding this recommendation. Please direct all questions through me via email at brian.weber@plantemoran.com.

Sincerely,

PLANTE MORAN REALPOINT

Jan Well

Brian Weber

Senior Vice President

Enclosures:

Clark Construction Change Request





2021 BOND PROGRAM - ECC PLAYGROUND SITEWORK & LANDSCAPING BUDGET SUMMARY

	Hard Construction							
Building	Budget Actual			Variance				
ECC	\$ 500,000	\$	491,970	\$	8,030			
Totals	\$ 500,000	\$	491,970	\$	8,030			

		CM Fees/Costs						
	Budget Actual Va					/ariance		
Staffing		Included within the CM Contract						
Reimbursables		Included within the CM Contract						
General Conditions (2%)	\$	10,000	\$	9,839	\$	161		
CM Fee (2%)	\$ 10,000 \$ 9,839 \$ 161							
Totals	\$ 20,000 \$ 19,678 \$							

		Construction Contingency (10%)								
	Budget			Actual	Variance					
	\$	50,000	\$	49,197	\$	803				
Totals	\$	50,000	\$	49,197	\$	803				

	Total Project Costs							
	Budget		Actual		Variance			
	\$ 570,000	\$	560,845	\$	9,155			
Totals	\$ 570,000	\$	560,845	\$	9,155			

 $^{^{*}}$ The budget savings will be reallocated to the Owner's Contingency within the Bond Program

Headquarters



3535 Moores River Drive Lansing, MI 48911 517.372.0940 phone | 517.372.0668 fax

www.clarkcc.com

2/7/2024

Phillip Francis Livonia Public Schools 15125 Farmington Road Livonia, MI 48154

RE: <u>PCO NO. 0857</u>

Livonia PS 2021 Bond - 21-2867

Dear Phillip Francis,

We have finalized gathering all the required quotations for PCO No. **0857** for the following extra work: **ECC - Bulletin #12**. We have reviewed the scopes of work and have verified that all extra work items are in compliance with the Contract Documents.

The following is a detailed itemization of all extra costs:

Item	Budget Code	Description	Amount Proposed	Contractor
0001	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - MUCK OUT AND RE-ESTABLISH GRADE	\$48,450.00	Eastside Equipment LLC dba Simone C
0002	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - UTILITIES	\$67,181.00	Eastside Equipment LLC dba Simone C
0003	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - PREP SUBGRADE	\$28,835.00	Eastside Equipment LLC dba Simone C
0004	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - CONCRETE	\$162,863.00	Eastside Equipment LLC dba Simone C
0005	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - ALLOWANCE 3" STONE UNDER PLAY SURFACE	\$17,589.00	Eastside Equipment LLC dba Simone C
0006	000.23.26 00 00	Electrical BP5 - BULLETIN 12 - ELECTRICAL CONDUIT STUB FOR FUTURE USE	\$3,000.00	Green Line Electric, LLC
0007	000.23.31 00 00	Earthwork & Utilities BP5 - BULLETIN 12 - FENCING	\$64,052.00	Eastside Equipment LLC dba Simone C
0008	000.23.31 00 00	Earthwork & Utilities BP5 - SITEWIDE LANDSCAPING ALLOWANCE ADD	\$100,000.00	Eastside Equipment LLC dba Simone C
0009	Y.07.00 09 25	Contingency - BP5 PH2	\$49,197.00	Contingency (Clark)
0010	Z.06.00 13 12	CM Field General Conditions BP5 PH2 2%	\$9,839.00	Clark Construction Company
0011	Z.06.00 10 00	ECC - CM Fee Budget 2%	\$9,839.00	Clark Construction Company

PCO NO. 0857 - ECC - Bulletin #12
Total Amount 560,845.00
Livonia PS 2021 Bond - 21-2867

PAGE 2

Total Amount 560,845.00

If you have any questions regarding this Potential Change Order Request, please call me at your earliest convenience.

If the above item(s) meet with your approval, please issue a Change Order for the appropriate amount to the Contractor whose name appears above.

Respectfully,

CLARK CONSTRUCTION COMPANY

CLARK ESTIMATE





PROJECT COST SUMMARY

Livonia Public Schools

Livonia Early Childhood Center Livonia

	BOND ITEM		BOND ITEM UNIT	BOND ITEM COST/UNIT (Direct Trade Cost Only)		DIRECT TRADE COST	
001	001 - Site			444.241 GSF	\$ 0.86 /GSF	\$	381.059
301			Subtotal Bond Items:	72,000 GSF	\$ 5.29 /GSF	\$	381,059

										т	OTAL COST					
	Design / Estimate Contingency (%)	Design /Estimate Contingency (\$)	Bid Contingency	Construction Contingency (%)	Construction Contingency (\$)	Escalation \$	COVID-19\$	General Conditions \$	CM Fee		uding GC's and ntingencies)	Bond Value w/ GC's	Bond Contingency	Bond Budget	Variance (\$)	Variance (%)
•			0.00%	0.00%		0.00%	0.00%	2.00%	0.00%				0.00%	-		
	0.00%	\$ -	\$ -	0.00%	\$ -	\$ -	\$	\$ 7,621	\$	- \$	388,680		\$ -	\$ -	\$ 388,680	#DIV/0!
- 1		\$ -	\$ -		\$ -	\$ -	\$.	\$ 7,621	\$	- \$	388,680	\$ -	\$ -	\$ -	\$ 388,680	#DIV/0!





Area Summary		Cost	Cost / Area
001 - Site		\$381,059	\$0.00
Subtotal Direct Cost	GSF	\$381,059	\$0.00 /GSF



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ITEM NO.	DESCRIPTION	QTY	UOM	UNIT PRICE	TOTAL COST	COST / AREA
A SU	BSTRUCTURE					
A10 F	FOUNDATIONS				\$45,685	\$0.00
A101	0 Standard Foundations				\$45,685	\$0.00
0032	Excavate Foundations	124.03	cuyd	\$26.50	\$3,287	\$0.00
0033	Backfill Foundations - Imported Engineered Fill	89.36	cuyd	\$40.34	\$3,605	\$0.00
0034	Form and Strip Footings	149.76	sqft.	\$17.49	\$2,619	\$0.00
0035	Strip Footing Rebar @ 75 lbs. per c.y.	0.52	tons	\$2,650.00	\$1,378	\$0.00
0036	Place Concrete - Strip Footings	13.87	cuyd	\$371.00	\$5,145	\$0.00
0037	Haul Excavated Material Off-Site	124.03	cuyd.	\$12.72	\$1,578	\$0.00
0038	Form and Strip Foundation Wall - Moderate	768.00	sqft.	\$19.88	\$15,264	\$0.00
0039	Foundation Wall Rebar @ 100 lbs. per c.y.	0.89	tons	\$2,650.00	\$2,356	\$0.00
0040	Place Concrete - Foundation Wall	17.78	cuyd	\$371.00	\$6,596	\$0.00
0041	Foundation Drainage, 6"	104.00	Inft	\$37.10	\$3,858	\$0.00
Subto	otal A SUBSTRUCTURE				\$45,685	\$0.00
	JILDING SITEWORK SITE PREPARATION				\$39,577	\$0.00
	2 Site Demolition & Relocation				\$1,928	\$0.00
0042	Demo 24" Culvert- Includes Backfill	79.52	Inft	\$24.24	\$1,928	\$0.00
		75.52		Ψ= 1.= 1		
	11 Site Grading Excavation	704.54	and	\$20.06	\$28,610	\$0.00
0043 0044	Excavate Wetland Muck - Export	704.54 899.00	-	\$20.96 \$14.50	\$14,767 \$13,032	\$0.00 \$0.00
0044	Infill Playground Wetland - Existing Matl.		cuyu.	\$14.30 \$50.71	\$13,032	\$0.00
	Free Draining 21AA Natural Stone	10.00	cuyu.	\$30.71	·	
	0 Pedestrian Paving	420.05		* 62.2 5	\$8,852	\$0.00
0046	Gravel Base 21AA Limestone	139.95	cuyd.	\$63.25	\$8,852	\$0.00
G205	0 Landscaping				\$187	\$0.00
0047	Geotextile Fabric	949.03	sqft	\$0.20	\$187	\$0.00
G20	SITE IMPROVEMENTS				\$256,037	\$0.00
G203	0 Pedestrian Paving				\$89,333	\$0.00
0048	Concrete Walks, 4"	11,450.96	sqft	\$6.51	\$74,565	\$0.00
0049	Integral Curb	570.91	Inft	\$20.55	\$11,734	\$0.00
0050	Fine Grade Site	11,450.96	sqft	\$0.27	\$3,035	\$0.00
G204	1 Fences & Gates				\$139,341	\$0.00
0051	Ornamental Fence 5' High	621.33	Inft	\$200.58	\$124,623	\$0.00





001 - SITE

ITEM NO.	DESCRIPTION	QTY	UOM	UNIT PRICE	TOTAL COST	COST / AREA
0052	Ornamental Gates (wrought iron look), 5' High x 3'-0 Wide	2.00	each	\$3,245.36	\$6,491	\$0.00
0053	Ornamental Gates (wrought iron look), 5' High x 6'- 0 Wide	2.00	each	\$4,113.63	\$8,227	\$0.00
G204	7 Playgrounds & Playing Fields				\$8,822	\$0.00
0054	Concrete Vertical Curb Edging Around Playground	168.86	Inft	\$52.25	\$8,822	\$0.00
G205	0 Landscaping				\$18,541	\$0.00
0055	Import & Place 4" Topsoil	200.57	cuyd.	\$25.11	\$5,037	\$0.00
0056	Hydroseed	16,410.23	sqft	\$0.35	\$5,786	\$0.00
0057	Landscape Edging - Steel	949.03	Inft	\$7.51	\$7,129	\$0.00
0058	Stone Mow Strip 24" Wide	11.72	cuyd.	\$50.24	\$589	\$0.00
G30 S	SITE MECHANICAL UTILITIES				\$39,761	\$0.00
G303	0 Storm Sewer				\$39,761	\$0.00
0059	Storm, 06" HDPE, Perf. w/ Sock	489.21	Inft	\$19.54	\$9,559	\$0.00
0060	12" ADS N-12 Pipe	367.66	Inft	\$51.05	\$18,769	\$0.00
0061	Cleanout Yard (YCO)	10.00	each	\$298.22	\$2,982	\$0.00
0062	24" Nyloplast Structure	4.00	each	\$2,112.60	\$8,450	\$0.00
Subto	tal G BUILDING SITEWORK				\$335,375	\$0.00
TOT	AL 001 - SITE				\$381,059	\$0.00





Assumptions, Clarifications and Exclusions

This estimate is based on drawings dated 12/20/2023 and specifications dated

by TMP Architecture

CONTRACTOR ACTUAL PRICE



Extra Work Pricing Breakdown

Project: Livonia - ECC

Order: 24016 - 23501E

Description of Work: Date: January 19, 2024

Bulletin 12 - Muck Wetland & Haul Dirt & Fill Wetland:

- Muck out existing wetland and haul slop to the berm area to be spread out.

- Fill area with suitable fill to bring the wetland ditch and surrounding area to sub grade elevation.

Update site layout and grading file with SITECH.

Labor	Qty	Time (hours)		Rate	Extended Cost	
Operating Engineer Frm.	1	40	s	\$93.46	\$3,738.40	
Operating Engineer	3	40	s	\$86.74	\$10,408.80	
Laborer	1	40	s	\$65.38	\$2,615.20	
					Labor Total:	\$16,762.40
Equipment	Qty	Unit		Rate	Extended Cost	
CAT 320 Excavator	40	Hours		\$140.00	\$5,600.00	
CAT D6T Dozer	40	Hours		\$180.00	\$7,200.00	
CAT IT28 Loader	40	Hours		\$110.00	\$4,400.00	
CAT Site Truck	40	Hours		\$200.00	\$8,000.00	
					Equipment Total:	\$25,200.00
Subcontractors	Qty	Unit		Rate	Extended Cost	
SITECH	1	Lsum		\$1,500.00	\$1,500.00	
				S	ubcontractor Total:	\$1,500.00
					Subtotal:	\$43,462.40
		Overhead an	Vork (10.0%)	\$4,196.24		
	Ov	erhead and Profi	Vork (5.0%)	\$75.00		

Bond Cost for Additional Work (1.5%)

Total Price: \$48,449.64

\$716.00



Extra Work Pricing Breakdown

Project: Livonia - ECC

Order: 24009 - 23501E

Description of Work: Date: January 29, 2024

Bulletin 12 Utility Work:

- Install new 4" perferated HDPE storm with associated Tee's (80 LF).
- Install new 6" perforated HDPE storm (489 LF).
- Install new 6" cleanouts (9 EA).
- Install new 24" nyloplast catch basin (4 EA).
- Install new 12" N-12 storm pipe (366 LF).
- Install new 60" precast concrete structure (1 EA).
- New layout & staking of new utilties by Nederveld.

Labor	Qty	Time (hours)		Rate	Extended Cost	
Operating Engineer	2	40	s	\$86.74	\$6,939.20	
Laborer Frm.	1	40	s	\$69.76	\$2,790.40	
Laborer	3	40	s	\$65.38	\$7,845.60	
					Labor Total:	\$17,575.20
Material	Qty	Unit		Rate	Extended Cost	
4" Perferated HDPE Pipe	80	LF		\$2.15	\$172.00	
4" ADS Tap Tee	2	EA		\$31.45	\$62.90	
6" Perferated HDPE Pipe	489	LF		\$2.48	\$1,212.72	
6" WYE	4	EA		\$33.36	\$133.44	
6" Clean-Out Assembly	9	EA		\$436.90	\$3,932.10	
24" Nyloplast Catch Basin	4	EA		\$1,997.89	\$7,991.56	
5' Dia Catch Basin	1	EA		\$2,950.00	\$2,950.00	
1040 Frame & Cover	1	LS		\$550.00	\$550.00	
Brick and Mortar	1	LS		\$365.00	\$365.00	
12" N-12 Pipe	366	LF		\$10.66	\$3,901.56	
Class II Sand	400	TN		\$13.64	\$5,456.00	
6A Limestone	50	TN		\$27.96	\$1,398.00	
				Т	ax (6%)	\$1,673.42
					Material Total:	\$29,563.80
Equipment	Qty	Unit		Rate	Extended Cost	
CAT 325 Excavator	40	Hours		\$150.00	\$6,000.00	
CAT 950 Loader	40	Hours		\$140.00	\$5,600.00	

Equipment Total: \$11,600.00



Subcontractors	Qty	Unit	Rate	Extended Cost
Nederveld	1	Trip	\$1,500.00	\$1,500.00

Subcontractor Total: \$1,500.00

Subtotal: \$60,239.00

Overhead and Profit on Simone Work (10.0%) \$5,873.90

Overhead and Profit on Subcontracted Work (5.0%) \$75.00

Bond Cost for Additional Work (1.5%) \$992.82

Total Price: \$67,180.72



Extra Work Pricing Breakdown

Project: Livonia - ECC

Order: 24017 - 23501E

Description of Work: Date: January 31, 2024

Bulletin 12 - Prepare Subgrade:

- Prepare subgrade for all areas inside perimeter fencing to -4" below finish grade elevation.
- Prepare sidewalks to subgrade. Subbase by others.
- Prepare synthetic turf areas to subgrade. Subbase beneath turf by others.
- Prepare rubber surface areas to subgrade. Subbase beneath rubber surface by others.
- Prepare mulch area to subgrade. Mulch and peastone by others.

Labor	Qty	Time	Rate	Extended Cost	
Operating Engineer Frm.	1	(hours) 32	s \$93.46	\$2,990.72	
Operating Engineer	2		s \$86.74	\$5,551.36	
Laborer	1		\$ \$65.38	\$2,092.16	
				Labor Total:	\$10,634.24
Equipment	Qty	Unit	Rate	Extended Cost	
CAT 320 Excavator	32	Hours	\$140.00	\$4,480.00	
CAT D6T Dozer	32	Hours	\$180.00	\$5,760.00	
CAT IT28 Loader	32	Hours	\$110.00	\$3,520.00	
				Equipment Total:	\$13,760.00
Subcontractors	Qty	Unit	Rate	Extended Cost	
Nederveld (Layout)	1	Lsum	\$1,500.00		
			:	Subcontractor Total:	\$1,500.00
				Subtotal:	\$25,894.24
		Overhead and	Profit on Simone	Work (10.0%)	\$2,439.42
	Ov	erhead and Profit o	on Subcontracted	Work (5.0%)	\$75.00
		Bond C	ost for Additional	Work (1.5%)	\$426.13
				Total Price:	\$28,834.79

Description of Work:

Bulletin 12 - Turf Subbase Alt:

- Prepare subgrade of the turf areas with 4G modified (4,260 SF).



Bulletin 12 R1 - Pricing Breakdown

Project: Livonia - ECC

Order: 24026 - 23501E

Description of Work: Date: February 1, 2024

Item CD-4 ~ Concrete:

- Excavate and backfill for bridge footing and walls
- Install bridge footings (64 Inft)
- Install brdge walls (64 Inft)
- Furnish and install reinforcing steel for walls and footings (2.25 tons)
- Setting of fence embeds in walls (16 units)
- Install base for sidewalks
- Revise sidewalk (original 1,870 sqft, 11,105 sqft revised, 9,235 sqft net add)
- Turndown edge at playsurface integral to sidewalk (675 Inft)
- Playsurface curb (301 Inft)

Labor Foundation	Qty	Time (hours)		Rate	Extended Cost
Operating Engineer	1	24	s	\$86.74	\$2,081.76
Carpenter Frm.	1	48	s	\$94.80	\$4,550.40
Carpenter	2	48	s	\$87.41	\$8,391.36
Laborer	2	48	s	\$65.38	\$6,276.48
Labor Flatwork					
Operating Engineer	1	64	s	\$86.74	\$5,551.36
Concrete Finisher Frm.	1	64	s	\$87.80	\$5,619.20
Concrete Finisher	3	64	s	\$81.81	\$15,707.52
Laborer	3	64	s	\$65.38	\$12,552.96

Labor Total: \$60,731.04

Material	Qty	Unit	Rate	Extended Cost
Concrete	197	cuyd	\$144.00	\$28,368.00
2024 concrete escalator	197	cuyd	\$7.00	\$1,379.00
Environmental Charge	26	Isum	\$40.00	\$1,040.00
Footing forms & bracing	224	Inft	\$1.50	\$336.00
Keyway	64	Inft	\$0.95	\$60.80
Sidewalk forms	416	Inft	\$0.95	\$395.20
Sidewalk playscape forms	675	Inft	\$2.85	\$1,923.75
Wall forms & bracing	816	sqft	\$5.11	\$4,169.76
Wall ties	120	each	\$4.17	\$500.40
Reinforcing steel	2.25	tons	\$1,600.00	\$3,600.00
Reinforcing steel detailing	12	hrs	\$155.00	\$1,860.00
Reinforcing steel epoxy	0.75	tons	\$2,400.00	\$1,800.00
Brick supports	36	each	\$0.50	\$18.00
Dowel bar safety caps	132	each	\$1.67	\$220.44
Expansion Paper & Cap	620	Inft	\$0.62	\$384.40
21AA Limestone	269	tons	\$25.04	\$6,735.76
Cureing compound	55	gal	\$11.80	\$649.00



Tax (6%)	\$3,167.49
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Material Total: \$55,959.00

Equipment	Qty	Unit	Rate	Extended Cost
Skid Steer	48	hrs	\$115.00	\$5,520.00
Mini Excavator	16	hrs	\$115.00	\$1,840.00
Excavator	24	hrs	\$140.00	\$3,360.00
Loader	24	hrs	\$130.00	\$3,120.00
Saw cut saw	48	hrs	\$24.50	\$1,176.00

Equipment Total: \$15,016.00

Subcontractor	Qty	Unit	Rate	Extended Cost
Engineer wall drawings	1	Isum	\$4,750.00	\$4,750.00
Engineered layout	1	Isum	\$3,040.00	\$3,040.00
Concrete pump	1	day	\$1,788.00	\$1,788.00
Sandblasting	1	Isum	\$3,000.00	\$3,000.00
Joint Sealant	1	Isum	\$2,260.00	\$2,260.00

Subcontractor Total: \$14,838.00

Subtotal: \$146,544.04

Overhead and Profit on Simone Work (10.0%) \$13,170.60

Overhead and Profit on Subcontracted Work (5.0%) \$741.90

Bond Cost for Additional Work (1.5%) \$2,406.85

Concrete Price: \$162,863.39

D.C. Byers CO., INC. 14495 E 8 Mile Road Warren, MI 48089 Ph: (313)875-0545

Fax: (313)875-6579

Date: 1-5-2024 Project: Livonia ECC

Bulletin #12 Proposal

The undersigned proposes to furnish all materials and pecessary equipment and perform all labor

necessary to complete the following work:
Section Sandblast
Furnish materials, equipment and labor to provide a light sandblast finish to the exposed concrete faces
of the retaining walls as shown in the retaining wall details on C5.5Add\$3,000.00
Section 321373 Concrete Paving Joint Sealants
Furnish and install Dow 888 a silicone sealant at the added exterior concrete expansion joints. Quote
includes removing zip cap and cleaning
Exclusions:
Winter or weather protection
Permits, inspections or testing agencies
Patching and crack repair not listed above
Dewattering, demucking and drying of substrate
Any sandblasting not listed above

The D.C. Byers Company agrees to carry worker's compensation and public liability insurance and to pay all taxes on material and labor furnished under this contract as required by federal laws and the laws of the state in which this work is performed.

Respectfully submitted	d, D.C. By	ers Comp	pany., In
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By:	
	Brenda Nelson, Estimator



Ianuary 5, 2024

Mr. Ric Giles Estimator / Project Manager Simone Companies 51268 Fischer Park Drive Shelby Township, Michigan 48316

RE: Proposal for Engineering Design Services Livonia Public Schools - Early Childhood Center Play Structure Retaining Wall 18000 Newburgh Road City of Livonia, Wayne County, Michigan G2 Project No. 243007

Dear Mr. Giles:

This letter will serve as our proposal and agreement to perform engineering design services related to a proposed retaining wall to be constructed in association with the proposed Early Childhood Centner development at the above address in the City of Livonia, Michigan.

The overall project includes the development of the site for a new Early Childhood Center. As part of the project, a play area will be constructed to the southwest of the proposed building. Within the play area. two retaining walls will be constructed to support a pedestrian bridge crossing over a below grade space between the two retaining walls. The retaining walls will hold approximately 5 feet of earth and the pedestrian bridge will span approximately 7 feet. We understand the proposed retaining walls will be constructed with structural concrete. Our proposal is related to the analysis and design of the proposed retaining walls as well as the development of plans and specification for construction of the retaining walls.

Our understanding of the proposed project is based on our review of the document titled "Bulletin No. Twelve (12) - Livonia Public Schools - Early Childhood Center" dated December 20, 2023 by TMP Architecture. Please note, our design efforts will be geared toward the development of plans and specifications for a system of structural concrete retaining walls. If you wish to have the design performed using an alternative building material (e.g. cement masonry units or modular block) please let us know. We present this proposal based on our review of the project drawings, our conversations, and our experience with similar engineering design projects.

SCOPE OF SERVICES

A G2 Consulting Group, LLC (G2) professional engineer, licensed in the State of Michigan, will act as the Project Manager and direct the performance of the engineering design services. Our proposed scope of services will consist of the following items:

Lake Zurich, IL 60047

January 5, 2024 G2 Proposal No. 243007 Page 2



Engineering Design Services

- 1. We will review pertinent soil boring data developed in the G2 Geotechnical Investigation Report titled "Proposed Dickinson Early Childhood Center Building Addition" dated June 28, 2022. We will develop geotechnical parameters for use in the design of the retaining wall. Considering the symmetry of the proposed structure, we will develop detailed calculations for one cross section along the proposed retaining wall alignment.
- 2. We will provide construction engineering drawings, plotted to 11" x 17" paper stamped by a licensed professional engineer in the State of Michigan including the proposed retaining wall geometry, steel reinforcement details, placement of other materials, and specifications for construction. We will provide a digital copy of the signed and sealed construction drawings in the Portable Document Format (PDF).

PROFESSIONAL FEES AND SCHEDULE

We propose to perform the services outlined in this agreement for a lump sum fee of \$4,750.00. Our lump sum fee includes the Scope of Services described above and one (1) response to comments. Our lump sum fee does not include additional meetings or consultations. If additional work is required, we will perform the additional work in accordance with the enclosed Fee and Rate Schedule. Should you or field conditions require additional work, beyond the Scope of Services listed in this proposal, we will contact your office with an estimate and obtain your permission prior to performing those services. We estimate the Scope of Services described above can be completed within 12 to 15 business days following the notice to proceed from the client.

TERMS AND CONDITIONS

General conditions relating to the performance of our services are presented in the attached General Conditions and are made part of this proposal. As authorization to proceed, please have one copy of this proposal executed by an authorized representative of the party responsible for payment of services and return it to G2 Consulting Group, LLC. A signed copy of this proposal must be received before work is initiated. If you prefer to issue a separate purchase order or other written authorization, please reference this proposal as part of the contract documents. The prices discussed in this proposal remain valid for a period of 60 days from the date of this proposal. After 60 days, we reserve the right to revise our prices.

(This space has been intentionally left blank.)

January 5, 2024 G2 Proposal No. 243007 Page 3



We appreciate the opportunity to be of service to you and look forward to working with you on this project. If you have any questions regarding our proposed scope of services or any other matter pertaining to the project, please do not hesitate to call.

Michael L. Evans, P.E.

Project Manager

Sincerely,

	Group,	

Michael G. Dagher, P.E. Project Engineer

MGD/MLE/mle

Encl: Fee Schedule

General Conditions

ACCEPTED FOR SIMONE COMPANIES:

BY:			
DATE:			



Proposal

Date: January 25, 2024

Quotation # **Customer ID**

Quotation valid until: February 25, 2024 Prepared by:

IS LESS

Submitted To: Clark Construction Attn: Oliver Rice

5650 W. Jefferson

Detroit, MI 48209

(313) 924-1939

Project: Livonia ECC Bulletin 12

MIDTOWN GROUP LLC

Furnish Labor, Material, Equipment & Supervision to Provide the Following; Quantity Units Amount Complete Concrete Work Per Bid Documents Provided: Workscope: Site 1) Provide base/grade & compact pavement base within .1'for all site & flatwork 2) Construct formwork and bracing; Includes excavation for footings. 3) Place embeds where required (supplied by others). 4) Place reinforcement where required. 5) Place all work items using approved project concrete mixes. 6) Apply standard white pigmented curants for all exterior work. 7) Expansion paper & joint sealeant as req Sawcut control joints. 9) Clean up work areas and remove job spoils. 10) Includes staking and layout Site 4" sidewalk; 4" pavillion pad; Stoop caps 10851 SF LF Thickened edge where sidewalk meets play surfaces \$ 111,766 Lump sum for walk Curb @ play surfaces 301 LF Lump sum for curb 10,526 Retaining wall per detail, lightly sand blast finish lf Engineering done by others. Back fill and drain tile from grade by others. Lump Sum for Retaining wall 71,746 Notes/Exclusions: Excludes any work not explicitly stated above. Excludes Permits, Utility location, testing, inspection, and bond fees; prevailing wage rates, restorations: premium working hours: winter fees; barricading and traffic control; winter costs; site staking; shop drawings; engineering services; and protection from vandalism. Excludes flashing, colored or decorative concrete, polished or sealed concrete, high tolerance floor specs, high performance coatings, removal of contaminated spoils, rem of underground obstructions, hand digging for underground utilities Payment to be made as follows: Progressive Draws TOTAL \$194,038 All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, **Authorized Signature** accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workers Compensation insurance. (Contractor) Matthew Cosby Acceptance of Proposal - The above prices, specifications and conditions are satisfactory MIDTOWN GROUP LLC and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above. **Authorizing Signature** Date of Acceptance: (Owners Agent) **VOID - SIMONE CONCRETE COST**

Jim Kaiser

From: Gregory Abb <abb1@icloud.com>
Sent: Wednesday, January 31, 2024 10:21 AM

To: Jim Kaiser

Subject: Fwd: ECC - Conduit rough into playground area

Thank you,

Greg Abb Green Line Electric, LLC 9278 General Drive Suite 200 Plymouth MI 48170 734-335-7066 abb1@icloud.com

Begin forwarded message:

From: Gregory Abb <abb1@icloud.com>

Subject: Re: ECC - Conduit rough into playground area

Date: January 31, 2024 at 9:57:23 AM EST **To:** Oliver Rice <ORice@clarkcc.com>

\$3,000

Thank you,

ELECTRICAL ESTIMATE

Greg Abb Green Line Electric, LLC 9278 General Drive Suite 200 Plymouth MI 48170 734-335-7066 abb1@icloud.com \$3,000 IS AN
ESTIMATE ACTUAL PRICE
WILL BE
DETERMINED ONCE
ALL UNFORSEEN
CONDITIONS ARE
RESOLVED. IF
THERE IS A PRICE
DIFFERENCE A
SEPARTATE PCO
WILL BE ISSUED

,On,Jan, 26, 2024, at, 1:45 RM, Oliver, Rice < ORice@clarkcc.com> wrote:

Greg,

Do you have an estimate for sending a conduit to the playground area? Estimate for now is fine we just need it for budget approval, won't hold you to the dollar value.

Thanks,

Oliver Rice Project Engineer

c +19543833788
ORice@clarkcc.com | clarkcc.com
Lansing | Auburn Hills | Alpena | Grand Rapids
<C2 signature in b009ffba-f5d3-47e4-a1f1007ec32f243e.png> <C2 signature f e8b1990c-92b5-4280-882c8319fe6d3b85.png> <C2 signature ins caba3721-bbf3-4cbc-a79f-cd2a391fe8b3.png>

<C2 signature marketingbanner-email 792be36c-c22d-4a69-b9b8-933ae813e5ad.jpg>



American Fence Pricing Breakdown Rev 1

Project: Liv

Livonia - ECC

Order:

24010 - 23501E

Date:

January 30, 2024

Bulletin 12 - Fencing & Railings Rev 1:

- Furnish & Install 54" high Echelon Plus Majestic 3-rail fence, including 3 4'-wide gates as well as 3 6'-wide gates (See Attached)

Subcontractor Qty Unit Rate $\frac{\text{Extended}}{\text{Cost}}$ American Fence 1 Isum \$60,100.00 \$60,100.00

Subcontractor Total: \$60,100.00

Subtotal: \$60,100.00

This is the low fencing bidder - all following prices are void - for information only.

Description of Work:

Overhead and Profit on Subcontracted Work (5.0%)

\$3,005.00

Bond Cost for Additional Work (1,5%)

\$946.58

American Fencing Total Price:

\$64,051.58

Bulletin 12 Fencing & Railings Rev 1:

· Add for decorative rings.^

LPS

SubcontractorQtyUnitRateExtended CostAmerican Fence1Isum\$11,400.00\$11,400.00

Subcontractor Total: \$11,400.00

Subtotal: \$11,400.00

Decorative rings will not be included per

Overhead and Profit on Subcontracted Work (5.0%)

Rend Cost for Additional Work (4.5%)

Bond Cost for Additional Work (1.5%) \$179.55

American Add Total Price:

\$12,149.55

\$570.00

American Fence Total Price:

\$76,201.13

VOID - FOR INFO ONLY



Quote No. 24-0086

Amanda Zomerfield Simone Companies 51268 Fischer Park Dr. Shelby Twp., MI 48316 Phone: (586) 254-0690

Fax:

Cell: (248) 390-8359

Email: amanda@simonecompanies.com

Date: Monday, January 29, 2024

Estimator: Giles Crouch

Estimator Email: gcrouch@amerifence.com
Expiration Date: Thursday, February 08, 2024
Terms: Net 30; 1.5% per month on past due

invoices.

Project Name:		LIVONIA PUBLIC SCHOOLS - EARLY CHILDHOOD CENTER (BULLETIN 12 - REV)				
		We Propose to furnish all labor and material necessary to perform the follow	owing work:			
QTY	UNIT	Description	Unit Price	Total		
		Base Bid				
605	LN/FT	Furnish & install 54"H Echelon Plus Majestic 3-rail fence, black				
3	EACH	Furnish & install 54"H x 4'W Echelon Plus Majestic 3-rail gate, black				
3	EACH	Furnish & install 54"H x 6'W Echelon Plus Majestic 3-rail gate, black		\$60,100.00		
		Alternate Bid				
605	LN/FT	Furnish & install 54"H Echelon Plus Majestic 3-rail with rings fence, black				
3	EACH	Furnish & install 54"H x 4'W Echelon Plus Majestic 3-rail with rings gate, black				
3	EACH	Furnish & install 54"H x 6'W Echelon Plus Majestic 3-rail with rings gate, black		\$71,500.00		
Due	e to the inter	rruption in material distribution, and manufacturing supply chains, goods and servi		hout notice.		
		Escalation clause to be included in contract verbiage, and the ability to bill for s				
		All payments made to AFS using a credit card will incur a 3.5% process	sing fee.			
		Unforeseen digging conditions will incur additional charges Repairing, or replacing unmarked under drains will not be the responsibi	lity of AES			
		Retention excluded when invoicing for stored materials.	iity oi Ai 3			
		SEE ABOVE TOTALS				

Terms and Conditions

All contracts shall reference these terms and conditions as part of the contract.

All field employees are 10 hour OSHA trained and certified.

All work shall be performed using Non-Union / Non-Davis Bacon / Non-Prevailing Wage rate labor.

American Fence shall notify 811 one call utility locating system prior to digging.

An approved shop drawing must be received prior to fabrication.

All posts set prior to concrete flat work, coring is additional.

All posts shall be set in concrete footings.

American Fence holds no responsibility for any privately owned lines which are not marked.

All access controls by others, or additional upon request.

All electric, control wiring, and conduit runs by others.

Locating, layout and staking of fence lines are by others.

Grounding by others.

Clean up of excavated dirt excluded.

Excludes all clearing, grubbing, & grading.

Bonds excluded.

Local building permits excluded.

Price excludes everything associated with traffic management.

Due to the volatility in the construction materials market, our prices contained herein remain firm for a period of 10 days from our proposal date.

Thank you for the opportunity to earn your continued business and remain as your single source for all your fencing needs. Please feel free to contact me with any questions or requests.

Sincerely,

Giles Crouch



Future Fence Pricing Breakdown

Project:

Livonia - ECC

Order:

24010 - 23501E

Description of Work:

Date: January 30, 2024

Bulletin 12 - Fencing & Railings Rev 1:

- Furnish & Install 4'6" high 3-rail ornamental fence, including 3 3'-wide gates as well as 3 6'-wide gates (See Attached)

SubcontractorQtyUnitRateExtended CostFuture Fence1Isum\$67,578.00\$67,578.00

Subcontractor Total: \$67,578.00

Subtotal: \$67,578.00

Overhead and Profit on Subcontracted Work (5.0%) \$3,378.90

Bond Cost for Additional Work (1.5%) \$1,064.35

Future Fence Total Price: \$72,021.25

Bulletin 12 - Fencing & Railings Rev 1:

- Add for decorative rings.

Subcontractor	Qty	Unit	Rate	Extended Cost
Future Fence	1	Isum	\$10,105.00	\$10,105.00

Subcontractor Total: \$10,105.00

Subtotal: \$10,105.00

Overhead and Profit on Subcontracted Work (5.0%) \$505.25

Bond Cost for Additional Work (1.5%) \$159.15

Future Fence Add Total Price: \$10,769.40

Future Fence Total Price: \$82,790.66

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CEED FUTURE FENCE COMPANY

PROPOSAL	24-0115
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то: Simone Companies	PROJECT: Livonia Early Childhood Center Bulletin #12
51268 Fischer Park Drive	
Shelby Township, MI 48316	LOCATION: Livonia, MI
ATTN: Amanda Zomerfield	PHONE : 586-254-0690
DATE: January 30, 2024	FAX: 586-254-5756
SCOPE OF WORK:	E-MAIL: amanda@simonecompanies.com

QTY	DESCRIPTION	COST
676 3 3	Base Bid: (NO rings) Linear feet of 4 foot 6 inch high decorative 3-rail ornamental fence 6 foot wide x 4 foot 6 inch high decorative 3-rail ornamental double swing gates (manaul) 3 foot wide x 4 foot 6 inch high decorative 3-rail ornamental single swing gates (manaul) *rings are NOT included on fence panels or gates*	\$67,578.00
676 3 3	Option #1: (YES rings) Linear feet of 4 foot 6 inch high decorative 3-rail ornamental fence 6 foot wide x 4 foot 6 inch high decorative 3-rail ornamental double swing gates (manaul) 3 foot wide x 4 foot 6 inch high decorative 3-rail ornamental single swing gates (manaul) *rings are included on fence panels or gates*	\$77,683.00
	Notes: 1% Bond Not included Quoted as per request emailed (01-19-2024 @ 3:18 PM) *Bulletin #12* Quoted as per layout / details on Sheet C5.1, C5.2 and C5.5 No 'prevailing' wage requirements are included. If required then additional charges will apply. Posts set prior to flatwork. No coring is included. If required then additional charges will apply. Dirt spoils moved to somewhere on-site, not off-site. If required off-site then additional charges will apply. Private Utility Locate, if required, by others. Site restoration, if required, by others. Removals, if required, by others or additional upon request. Lead time for shop drawings is (1-2) weeks after approved shop drawings.	

We propose to furnish material and/or labor, complete in accordance with the plans and specifications, except as noted

above, including tax if applicable for an sum of AS SHO WN ABOVI

ESTIMATOR: Jason Gautz - Estimator/Procurement Manager

Direct Line 58(8209127 Enal: Jaton autz@futurefencecompany.com

NOTE: This proposal may be vited award, us if not accepted within 5 talls. Future Prince reserves the right to revise our pricing based on document and tiny ossession at time of bid. This includes our is not ling ted to drawings, specifications, addenda and contracts.

CONDITIONS: Unforeseen digging conditions such as, but not limited to: old building foundations, excessive brick or rocks, unstable soil which collapses and hand digging more than 5 holes are subject to additional charges.

Future Fence Company is not responsible for damage to private utilities. This includes site electric, irrigation, gas and other private utilities that may be present. Owner to locate private utilities or additional cost upon request.

ACCEPTANCE OF PROPOSAL: The prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment Terms: Net 30 days unless otherwise noted.

Signature:	Date:	
Printed Name:		



Nationwide Pricing Breakdown Rev 1

Project: Livonia - ECC

Order:

24010 - 23501E

Date:

January 30, 2024

Bulletin 12 - Fencing & Railings Rev 1:

Description of Work:

- Furnish & install 4' high Ameristar aluminum fence including 3 - 4' wide man gates, 2 - 7' wide swing gates, and 1 - 12' wide double swing gate (See Attached).

Subcontractor	Qty	Unit	Rate	Extended Cost
Nationwide	1	Isum	\$73,856.00	\$73,856.00

Subcontractor Total: \$73,856.00

Subtotal: \$73,856.00

Overhead and Profit on Subcontracted Work (5.0%)

\$3,692.80

Bond Cost for Additional Work (1.5%)

\$1,163.23

Nationwide Fencing Total Price: \$78,712.03

Bulletin 12 - Fencing & Railings Rev 1:

Add for decorative circles.

Subcontractor	Qty	Unit	Rate	Extended Cost
Nationwide	1	Isum	\$12,000,00	\$12,000,00

Subcontractor Total: \$12,000.00

Subtotal: \$12,000.00

Overhead and Profit on Subcontracted Work (5.0%) \$600.00

Bond Cost for Additional Work (1.5%) \$189.00

Nationwide Add Total Price: \$12,789.00

Nationwide Total Price: \$91,501.03

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An Equal Opportunity Employer

Corporate Office - 69951 Lowe Plank Road, Richmond, MI 48062

Mailing Address - PO Box 458, Richmond MI 48062

Phone (586) 749-6900 | Fax (586) 749-6900

www.nationwide-companies.com

1-20-24

Attn: Joe Rubino

Simone

Re: Fence Quote-Livonia Public Schools ECC Bulletin #12-revised

Nationwide Construction Group respectfully submits the following quote to furnish and install the following at the above referenced location:

@ 710 Ift 4' high Ameristar Echelon Plus commercial ornamental aluminum fence with three rails per layout on plan sheets C5.1 and C5.2, and details on SH C5.5. Price to include 3-4' wide man gates 2-7' wide double swing gates and 1-12' wide double swing gate.

Total Quote \$73,856.00

Add for decorative circles Add \$12,000.00

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QUALIFIERS

- 1. Nationwide Const. Group is not responsible for locating, repairing or replacing any private underground utilities, sprinkler lines etc.
- 2. Nationwide Construction Group is a non-union company and will not enter into any type of Project Labor Agreement.
- 3. Payment terms N30 days
- 4. Any clearing, grading or staking of fence and or property line to be done by others.
- 5. All material, tax and labor included.

- 6. Any unforeseen conditions below grade which hinders post driving/digging operations or other unforeseen conditions will be subject to additional hourly rates.
- 7. Should hand digging be required due to utility conflict(s) an additional \$150.00 per hole will be added if conventional digging methods can be used i.e. pinch/hand diggers. Should the utility conflict require hydro excavation with a vacuum truck or any other soft excavation equipment to expose the utilities, additional charges will be applied.
- 8. This proposal in its entirety must be incorporated into any Subcontract Agreement between Nationwide Construction Group and the Contractor.
- 9. This proposal is conditioned upon acceptance of the Owner or General Contractor's Subcontract language by Nationwide Construction Group.
- 10. This proposal does not include DBE, MBE, WBE or any other specialty designation allowances.
- 11. This proposal does not include allowances for any bonds or dues.
- 12. This proposal is based on (<u>Base/Open Shop Wages</u>, State Prevailing Wage, Davis Bacon Wages), if different please advise.
- 13. This proposal is valid for a period of 30 days.
- 14. This bid, even if it includes a breakout estimate of Operator hours (whether requested by a prospective prime contractor or otherwise), is nonetheless expressly conditioned on: (i) the understanding that by submitting its bid, Nationwide is not, does not intend to be, and will not agree to be, bound by any memorandum, letter of understanding, amendment or written instrument relating to the execution or adoption, or any portion, of the April 1, 2019 Highway, Bridge and Airport Agreement with the International Union of Operating Engineers Local No. 324, AFL-CIO, particularly Article IX or any subcontracting provision of said Agreement, (ii) the inclusion of this provision in its entirety in the subcontract as a condition precedent to Nationwide accepting and executing the subcontract, (iii) the understanding that any attempt in the subcontract documents to vary from the terms of this provision will be null and void, and (iv) the understanding that in the event of a conflict between this provision and any part, term or provision of any contract document, this provision will control

Thank you for letting us quote your project needs, if there are any questions, please do not hesitate to call me at (586) 270-2011.

Respectfully Submitted

Scott Keller, COO

RMD Holdings/dba/Nationwide Construction Group

69951 Lowe Plank Rd

Richmond, MI 48062

direct (586) 270-2011

cell (586) 295-6435

main (586) 749-6900

fax (586) 749-6909

www.nationwide-companies.com

