



LINCOLNWOOD SCHOOL DISTRICT 74  
 BOARD OF EDUCATION  
 FACILITIES COMMITTEE MEETING AGENDA  
 TUESDAY, FEBRUARY 15, 2022 AT **6:00 PM**

BOARD OF EDUCATION  
 Kevin Daly, *President*  
 Elaina Geraghty, *Vice President*  
 John P. Vranas, *Secretary*  
 Myra A. Foutris  
 Jay Oleniczak  
 Rupal Shah Mandal  
 Peter D. Theodore

ADMINISTRATION  
 Dr. Kimberly A. Nasshan, *Superintendent of Schools*  
 Dr. David Russo, *Assistant Superintendent for Curriculum and Instruction*  
 Courtney Whited, *Business Manager/CSBO*

*Agenda of the Facilities Committee Meeting of the Board of Education of Lincolnwood School District 74,  
 Cook County, Illinois, to be held in the Marvin Garlich Administration Building  
 6950 N. East Prairie Road  
 Lincolnwood, Illinois 60712,  
 on Tuesday, February 15, 2022.*

IN-PERSON PARTICIPATION: It is expected that all members of the Facilities Committee, plus several administrators, will be physically present at the Marvin Garlich Administration Building located at 6950 N. East Prairie Road, Lincolnwood, IL. The public is welcome.

1. CALL TO ORDER/ROLL CALL

FACILITIES COMMITTEE MEMBERS

- John P. Vranas (BOE), Chair
- Elaina Geraghty (BOE), Co-Chair
- Rupal Shah Mandal (BOE)
- Wendy Grano, Community Member
- Emily McCall, Community Member
- Zade Tagani, Community Member

ADMINISTRATORS/STAFF

- Dr. Kimberly A. Nasshan, Superintendent of Schools
- Dr. David L. Russo, Assistant Superintendent of Curriculum and Instruction
- Courtney Whited, Business Manager/CSBO
- Jim Caldwell, Director of Buildings and Grounds

2. AUDIENCE TO VISITORS

3. APPROVAL OF MINUTES

- a. Facilities Committee Meeting Minutes - **JANUARY 18, 2022** 3

Motion by member: \_\_\_\_\_ Seconded by: \_\_\_\_\_

4. DISTRICT ARCHITECT OF RECORD - STUDIOGC architecture+interiors

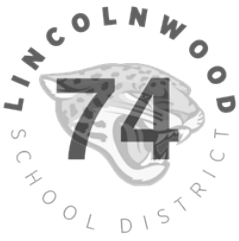
- a. INFORMATION/DISCUSSION: StudioGC architecture+interiors Project(s) Update 6
  - I. INFORMATION/DISCUSSION: Rutledge Hall Shared Instructional Furniture Options (attachment) 8
  - II. INFORMATION/DISCUSSION: District Sitework Schedule (Bid Package "B"/Asphalt) (attachment) 18
  - III. INFORMATION/DISCUSSION: District Track Mockup of Preferred Option #2 (attachment) 19

IV.	<u>INFORMATION/DISCUSSION</u> : Soil Boring Results (two attachments)	20
5.	OLD BUSINESS	
a.	<u>INFORMATION/DISCUSSION/ACTION</u> : Rutledge Hall Elevator Modernization & 5-Year District Elevator Maintenance Bid Results	62
b.	<u>INFORMATION/DISCUSSION/ACTION</u> : WindFree Wind and Solar Energy Design Co Solar Panel Installation Purchase Agreement	95
6.	NEW BUSINESS	
a.	<u>INFORMATION/DISCUSSION/ACTION</u> : District's Summer 2022 General Work Bid Results	110
7.	ADJOURNMENT	

Motion by member: \_\_\_\_\_ Seconded by: \_\_\_\_\_

**Dr. Kimberly A. Nasshan, Superintendent of Schools**

*Lincolnwood School District 74 is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of this meeting or facility, are requested to contact the District Office at 847-675-8234 promptly to allow Lincolnwood School District 74 to make reasonable accommodations for those persons.*



LINCOLNWOOD SCHOOL DISTRICT 74  
BOARD OF EDUCATION  
FACILITIES COMMITTEE MEETING MINUTES  
TUESDAY, JANUARY 18, 2022 AT **6:00 PM**

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Peter D. Theodore

ADMINISTRATION  
Dr. Kimberly A. Nasshan, *Superintendent of Schools*  
Dr. David Russo, *Assistant Superintendent for Curriculum and Instruction*  
Courtney Whited, *Business Manager/CSBO*

*Minutes of the Facilities Committee Meeting of the Board of Education of Lincolnwood School District 74, Cook County, Illinois, was held in the Marvin Garlich Administration Building 6950 N. East Prairie Road, Lincolnwood, Illinois 60712, on Tuesday, January 18, 2022.*

1. CALL TO ORDER/ROLL CALL.

Chair Vranas called the Facilities Committee meeting to order at 6:03 p.m.

FACILITIES COMMITTEE MEMBERS

John P. Vranas (BOE), Chair  
Elaina Geraghty (BOE), Co-Chair  
Wendy Grano, Community Member  
Emily McCall, Community Member  
Zade Tagani, Community Member

FACILITIES COMMITTEE - NOT PRESENT

Rupal Shah Mandal, BOE

ADMINISTRATORS/STAFF

Dr. Kimberly A. Nasshan, Superintendent of Schools  
Dr. David L. Russo, Assistant Superintendent of Curriculum and Instruction  
Courtney Whited, Business Manager/CSBO  
Jim Caldwell, Director of Buildings and Grounds

OTHERS PRESENT

Athi Toufexis, StudioGC

2. AUDIENCE TO VISITORS

None

3. APPROVAL OF MINUTES

a. Facilities Committee Meeting Minutes - **DECEMBER 14, 2021**

A motion was made, seconded and passed to approve the December 14, 2021 Facilities Committee meeting minutes.

4. DISTRICT ARCHITECT OF RECORD - STUDIOGC architecture+interiors

a. StudioGC architecture+interiors Project(s) Update

I. Two running path options

Athi Toufexis, StudioGC, presented options for two paths. The Committee inquired about the proximity of the track to Todd Hall School, the soccer field and the baseball field. The Committee selected Option #2 for the track running path.

II. Three possible designs for the Todd Hall parking lot expansion

Athi presented three options for the Todd Hall parking lot to expand the number of parking spaces. She outlined how many spaces each option would create, described their layout and the additional costs associated with the options. The Committee chose Option #2, which adds 35 spots and \$200,000 to the project costs. The project would have to go before the Village of Lincolnwood. The Committee would like to see options for moving the playground adjacent to the Administration Building, south of its current location. Administration should determine how much of the existing playground equipment can be moved and reused. The far north parking bays will be permeable pavers.

III. Accessible playground equipment options inclusive of feedback from Todd Hall and CCDC

Courtney Whited, Business Manager/CSBO, discussed the input provided by staff from Todd Hall and CCDC on the items presented in the packet. The Committee accepted the proposal and Athi will present the pricing options at a future Committee meeting.

IV. Updated Master Facilities Plan including capital and maintenance projects in red text that may or may not involve StudioGC

Courtney highlighted changes to the Master Facilities Plan suggested by the Administration, including replacing the cafeteria tables at Todd Hall and Rutledge Hall.

A motion was made, seconded, and passed that the Facilities Committee concur with the Administration's recommendation to the Board to go out to bid for replacing the Todd Hall and Rutledge Hall cafeteria tables.

Courtney also discussed replacing Todd Hall lighting in summer 2024 and replacing Todd Hall and Rutledge Hall gym flooring in summers 2023 and 2024.

V. The notice for General Work Bid Package A appeared in the January 13, 2022 issue of the *Lincolnwood Review*.

Bids are due February 1, 2022

VI. Thermosystems, LLC

Courtney explained that a bid from Thermosystems had been approved at the January 6, 2022 Board of Education meeting. Thermosystems communicated with the District that their lead time is nine months and could not commit to what was proposed in the bid. The District reached out to Thermosystems about recouping monies from the bid bond. The District will look to the next bidder to supply the units, which comes with a greater cost. The next lowest bidder indicated that there could be cost savings by doing some of the maintenance work in-District.

A motion was made, seconded, and passed that the Facilities Committee concur with the Administration's recommendation to the Board to accept the Bid from TEC Distribution for the Mechanical Equipment Pre-Purchase for Todd Hall and Rutledge Hall in the amount of \$80,000 for construction work to commence on June 20, 2022 and complete for occupancy by August 5, 2022.

b. Administration Building and Rutledge Hall Roofing Bid Award

Courtney summarized the bid process. DCG Roofing was the winning bidder. Athi provided an overview of DCG's bid.

The costs came in higher than anticipated. Athi explained the project could be deferred for one year to package with anticipated roofing at Rutledge Hall in 2023 to potentially take advantage of economies of scale. The Committee chose to defer the project.

A motion was made, seconded, and passed that the Facilities Committee concur with the Administration's recommendation to the Board to reject the bid from DCG Roofing Solutions, Inc. for Summer 2022 Administration Building and Rutledge Hall Roofing with Alternate #1 in the amount of \$197,850.

5. OLD BUSINESS

None

6. NEW BUSINESS

a. American Rescue Plan (ESSER III) Use of Funds Plan

Dr. David L. Russo, Assistant Superintendent of Curriculum and Instruction, explained an amended Use of Funds plan.

7. District Facilities Update

a. ISBE awarded \$50,000 to SD74 through the School Maintenance Project Grant v. 2022

Courtney informed the Committee that the SMPG grant was approved to offset some expenses associated with Health Life Safety work at Rutledge Hall this summer.

b. Three (3) bidders of record on the Elevator Modernization and Service RFP. The bid tabulation is attached.

Courtney presented the bid tabulation for the Elevator Modernization and Service RFP. The Committee expressed concerns about supply chain issues related to the modernization of the elevators. At this point, no delays are anticipated.

c. Soil Borings for Paving within Sitework Renovations Bid Package "B"

Courtney explained the process for selecting a vendor and timeline for completion of this project.

8. ADJOURNMENT.

A motion was made, seconded, and passed to adjourn the Facilities Committee meeting at 6:57 p.m.

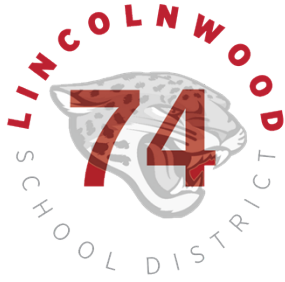
The next Facilities Committee meeting will be held Tuesday, February 15, 2022 at 6:00 p.m. The public is welcome.

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John P. Vranas, Chair

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Elaina Geraghty, Co-chair



## Facilities Committee Meeting

DATE: February 15, 2022

TOPIC: District Architect of Record - StudioGC architecture+interiors Project(s) Update

PREPARED BY: Courtney Whited, Business Manager/CSBO with

Athi Toufexis, Principal, StudioGC architecture+interiors

### Recommended for:

- Action
- Discussion
- Information

### Purpose:

To provide the Facilities Committee an update on StudioGC architecture+interiors

District Projects:

1. Rutledge Hall shared instructional furniture options
2. District Sitework schedule (Bid Package "B"/asphalt)
3. District Track mockup of preferred Option #2
4. Soil Boring results (two attachments)

Report Highlights:

- Testing on the existing soil did not bring up any contaminated particles. Therefore, it can be disposed of in a regular landfill. The LPC-663 certificate on page 4 is what is required by IEPA of all projects to permit soil disposal to go to a regular landfill.
- The playground asphalt areas have a good base; as such, we are recommending to mill and overlay the asphalt there. That entails 'shaving off' the top 2 inches of asphalt surface course, but keeping the asphalt binder course, and then adding new 2-inch surface asphalt on top.

- The bus loop and main parking lot at Todd either do not have enough asphalt thickness, or do not have enough/recommended type of stone base. As such, we are recommending full depth replacement here. That will entail removing all of the asphalt and stone base as required to install a new 1.5" asphalt surface+4.25"asphalt binder+10" stone section. Because of the bus traffic, and all the turns in the car lot, we are going with a heavy duty asphalt section that will be more durable long term.
- Near the existing playground, where the expanded lot is going to go, there are poor soil conditions. We may possibly encounter some undercuts that we have to do in this area to make sure we get to stable soil and bearing capacity. Weather, groundwater, etc can all impact those conditions. Won't know for sure until everything is opened up.
- Four trees will be removed with the expansion of the new parking lot at Todd Hall. The District will need to get a tree removal permit from the Village.

# Rutledge Hall Furniture

Furniture Review

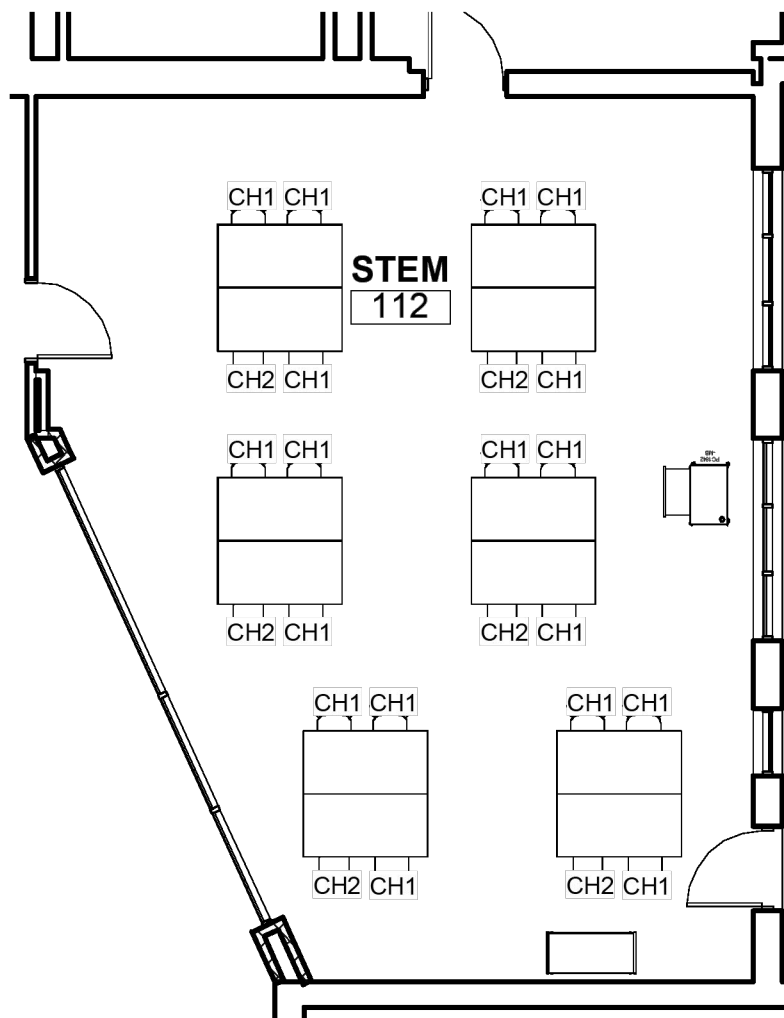
February 10th, 2022

**STUDIO GC**  
architecture + interiors



**SCOPE OF WORK**

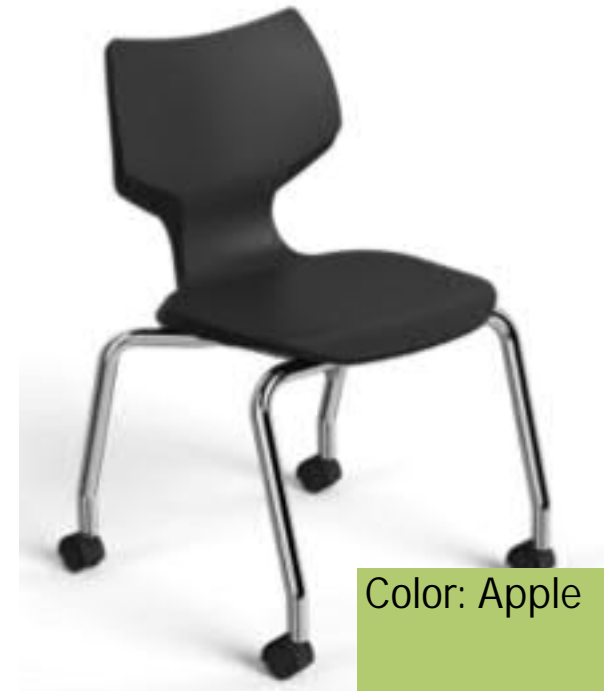
- Summer 2021 Work: Already Completed
- Summer 2022 Work:
- Summer 2022 Work: Requested Add
- Summer 2023 Work: Requested Add



\*Using both 16" and 18" chairs for 3rd, 4th, and 5th grade use.\*



MiEN - OTM Height Adjustable + Flip/Nest Table  
 Quantity: 12  
 Size: 30"D x 60"W x 25-34.5"H  
 Est. Price: \$750



Color: Apple

CH1: Smith Systems - Flavors 18"H  
 Quantity: 18  
 Est. Price: \$96



Color: Apple

CH2: Smith Systems - Flavors 16"H  
 Quantity: 6  
 Est. Price: \$89



HON Flagship



Mien EGR



Paragon Crossfit



MediaTechnologies Drift

# STEM LAB 45: MOBILE STORAGE OPTIONS



HON Flagship



KI Ruckus - Mobile/Fixed

## STEM LAB 45: FIXED STORAGE OPTIONS



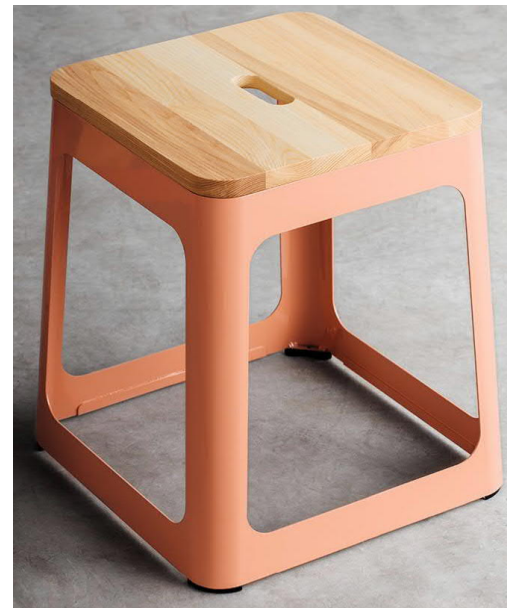
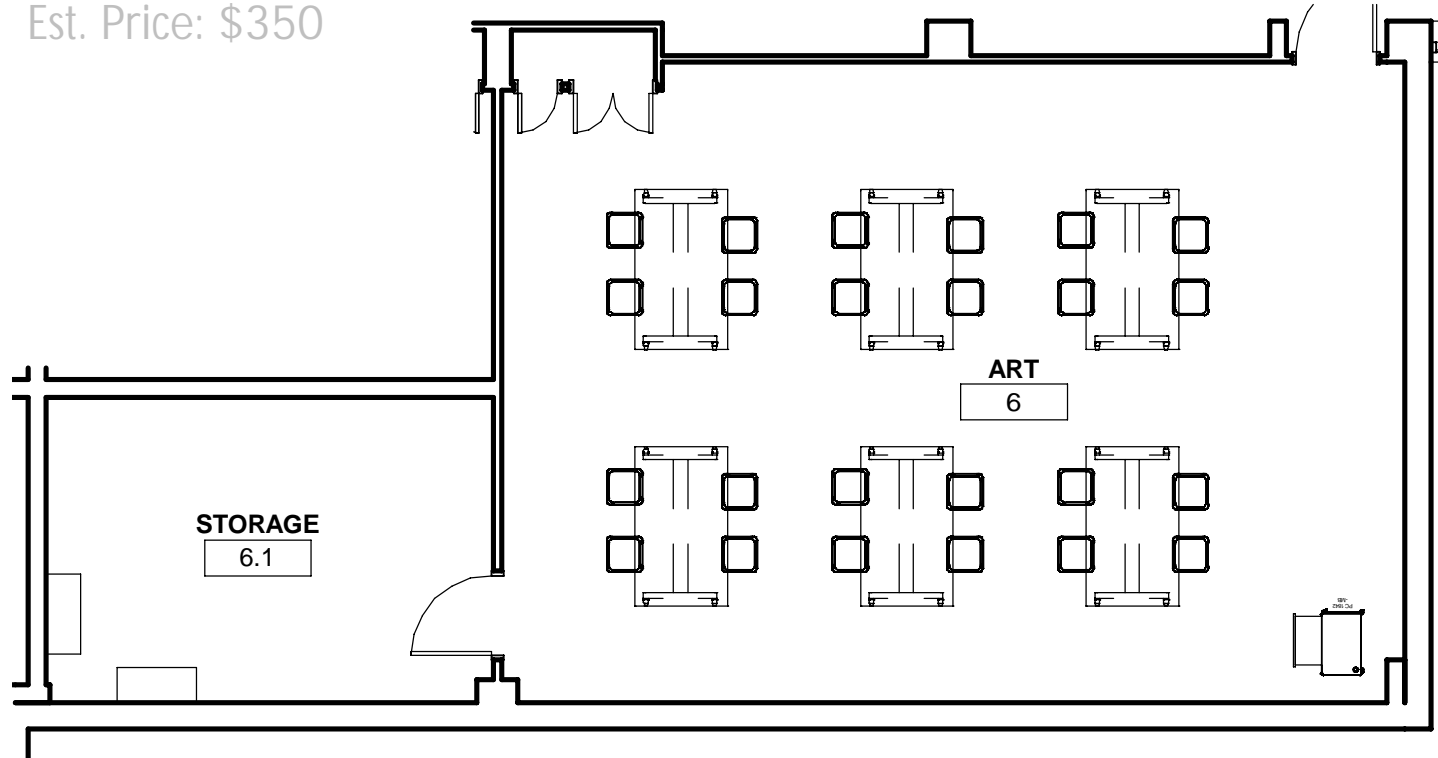
Safco Shelving - Particle Board OR Metal  
 Size: 18"D x 36"W x 72"H  
 Quantity: 2  
 Est. Price: \$350



Option 1: MiEN - Groove Backless Stool  
 Quantity: 24  
 Size: 16"D x 19"W x 20.75"H  
 (Seat Height: 18")  
 Est. Price: \$150



Option 1: Smith Systems - Planner Studio Butcher Block 42"D x 60"W x 29"H  
 Quantity: 6  
 Est. Price: \$1,700

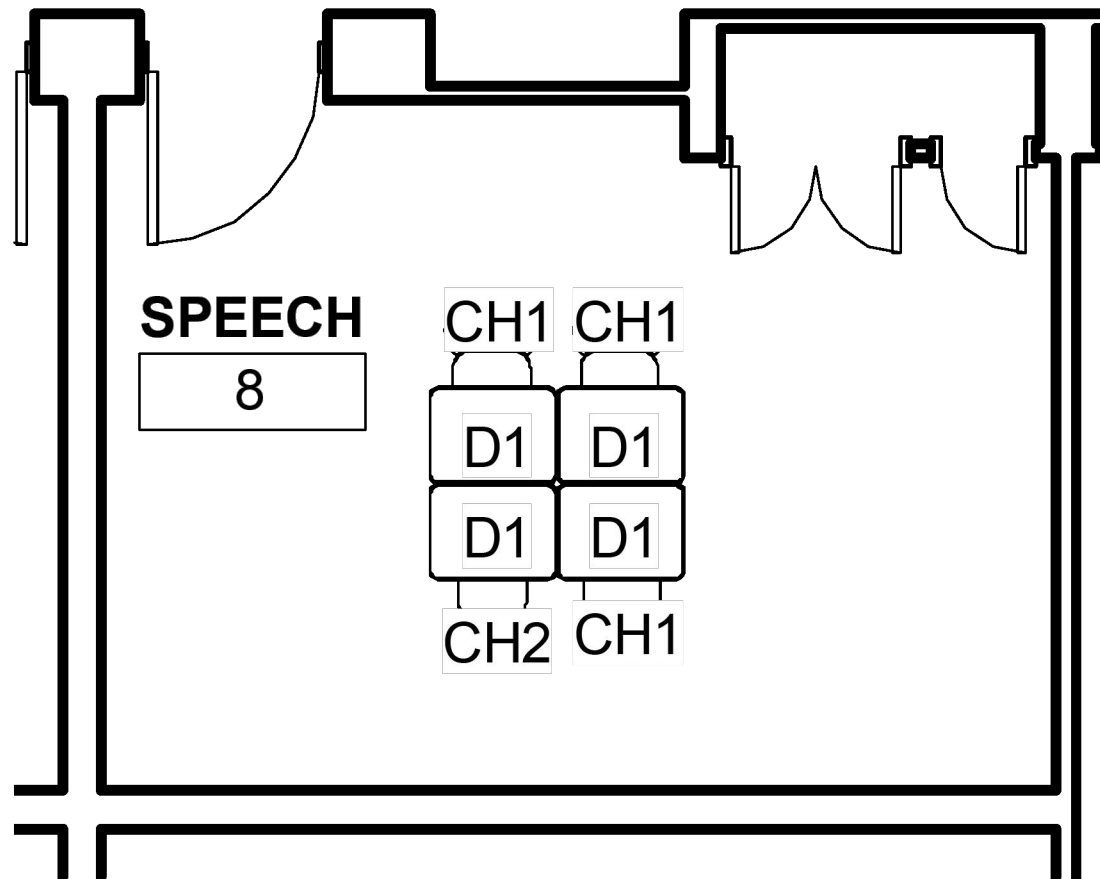


Option 2: Hightower - Jaxson Stool  
 Quantity: 24  
 Size: 14"W x 18"H  
 Est. Price: \$550



Option 2: KI - Parsons Table  
 42" or 48"D x 60"W x 29"H  
 Quantity: 6  
 Est. Price: \$2,000

# FIRST FLOOR: ART ROOM 6



\*Using both 16" and 18" chairs for 3rd, 4th, and 5th grade use.\*



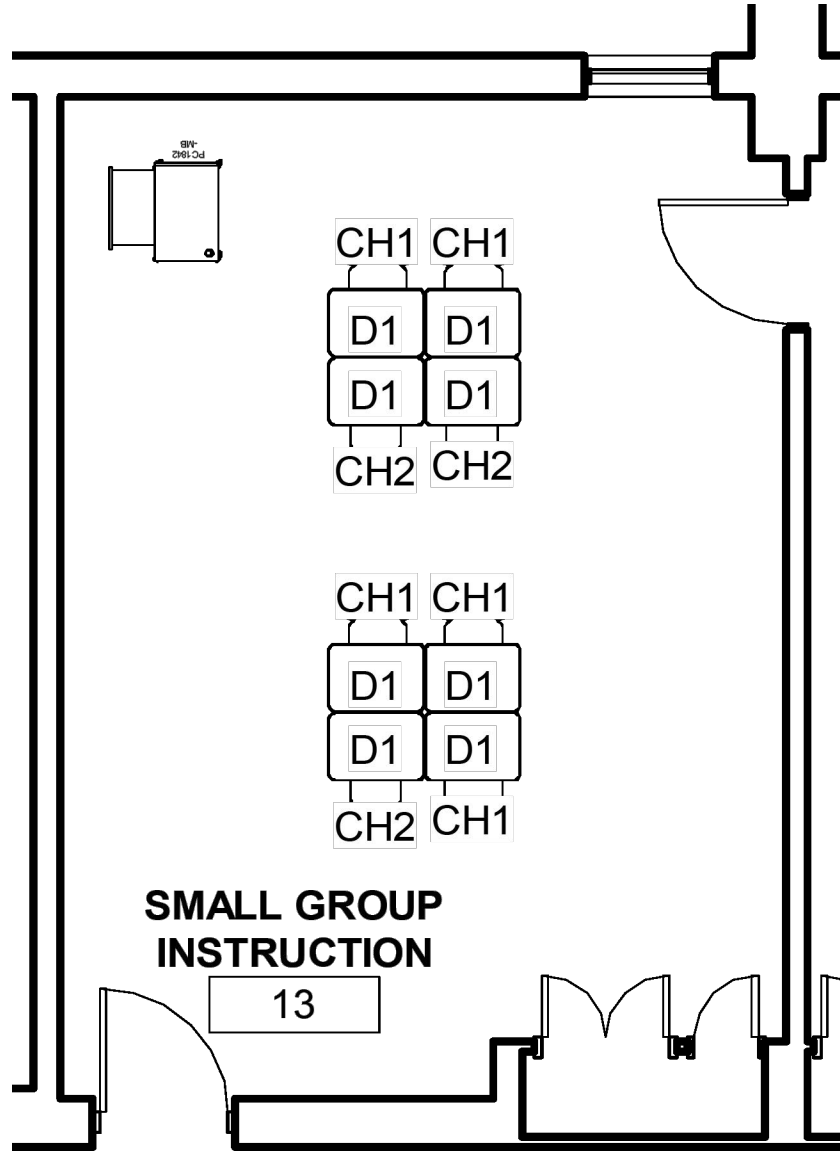
D1: Smith Systems - Silhouette  
Quantity: 4



CH1: Smith Systems - Flavors 18"H  
Quantity: 3  
Est. Price: \$96



CH2: Smith Systems - Flavors 16"H  
Quantity: 1  
Est. Price: \$89

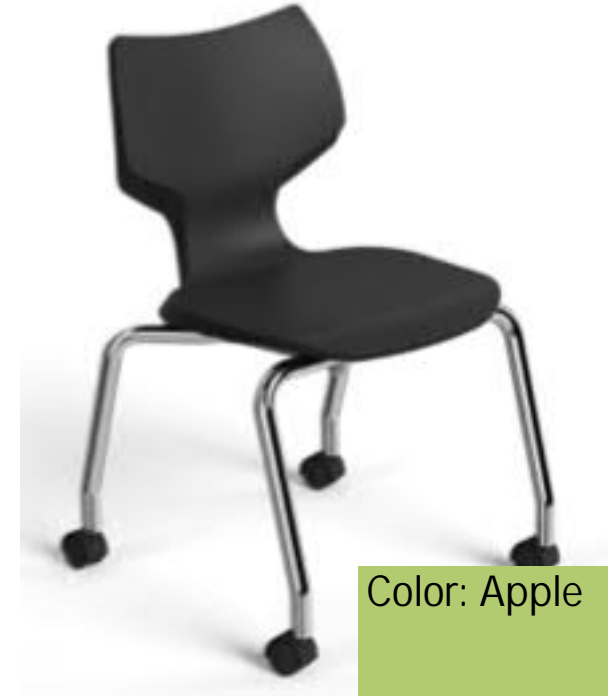


\*Using both 16" and 18" chairs for 3rd, 4th, and 5th grade use.\*



Laminate:  
Classic Linen  
Edge:  
Persian Blue

D1: Smith Systems - Silhouette  
Quantity: 8



Color: Apple

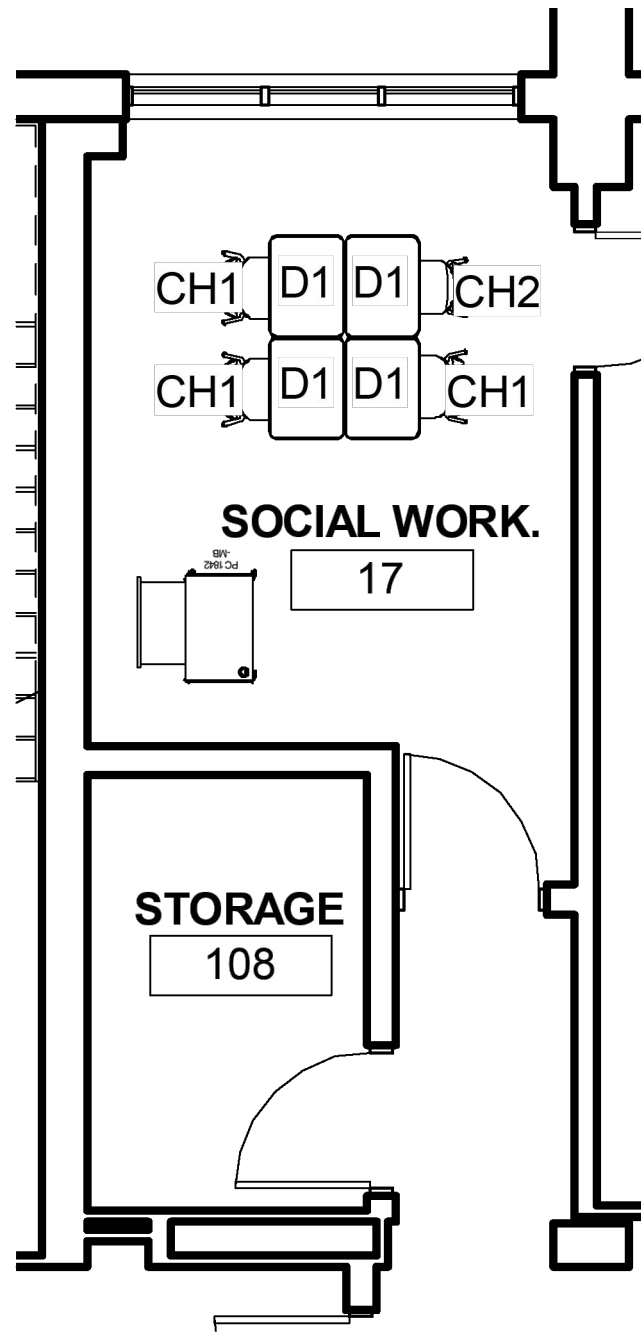
CH1: Smith Systems - Flavors 18"H  
Quantity: 6  
Est. Price: \$96



Color: Apple

CH2: Smith Systems - Flavors 16"H  
Quantity: 2  
Est. Price: \$89

## FIRST FLOOR: SMALL GROUP INSTRUCTION 13



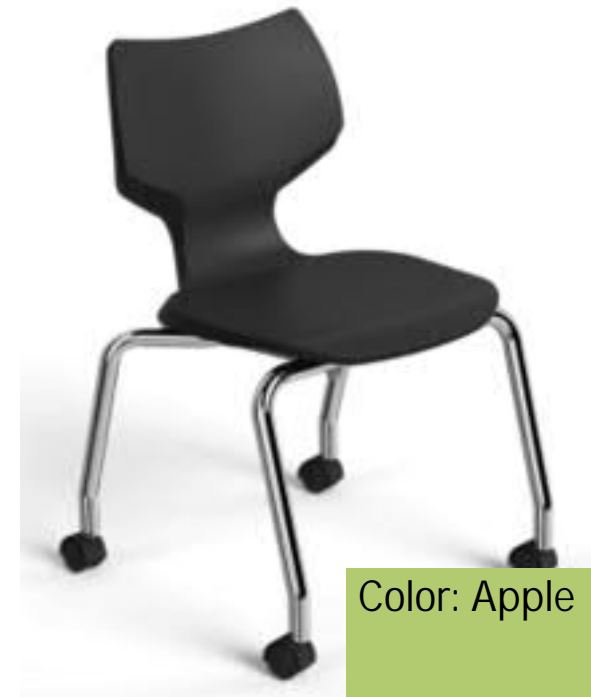
\*Using both 16" and 18" chairs for 3rd, 4th, and 5th grade use.\*



Laminate:  
Classic Linen

Edge:  
Persian Blue

D1: Smith Systems - Silhouette  
Quantity: 4



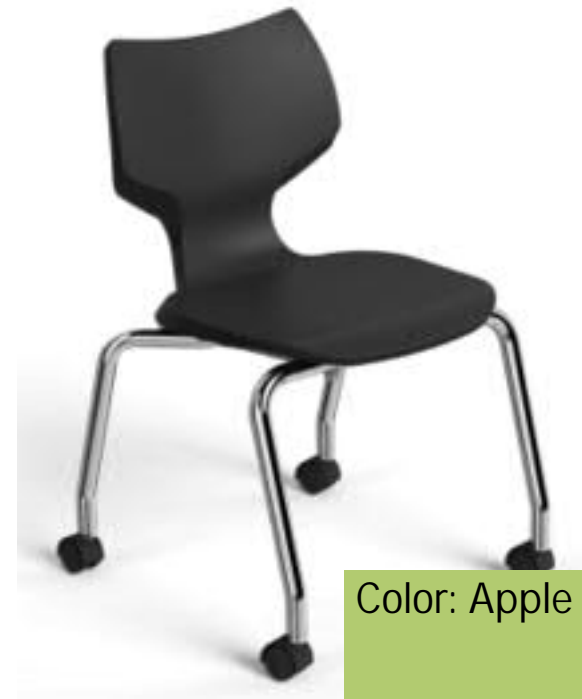
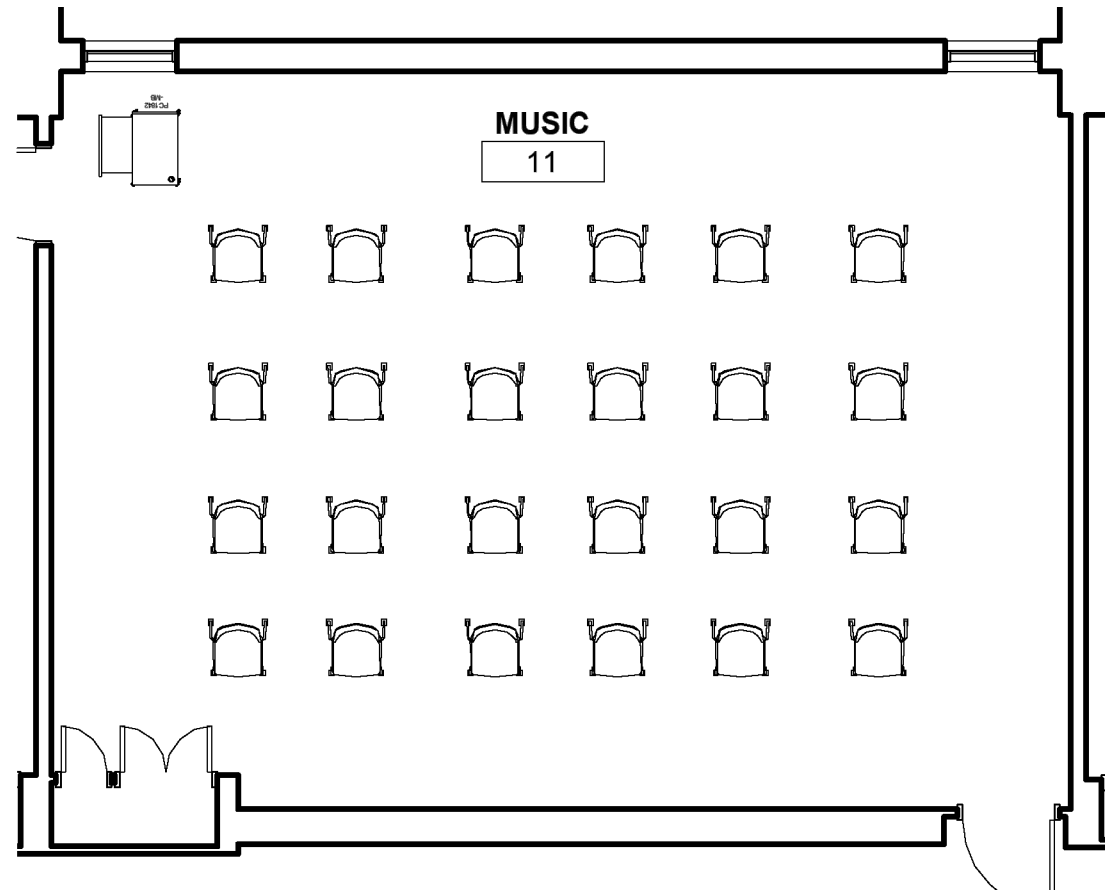
Color: Apple

CH1: Smith Systems - Flavors 18"H  
Quantity: 3



Color: Apple

CH2: Smith Systems - Flavors 16"H  
Quantity: 1  
Est. Price: \$89



Color: Apple

CH1: Smith Systems - Flavors 18"H  
 Quantity: 24  
 Weight: 12lbs  
 Est. Price: \$96  
 Stacking: 6-high on floor



Wenger - Transport Dolly  
 Quantity: 2  
 Est. Price: \$350  
 Weight: 43lbs  
 Stacking: 18-high on dolly



Wenger Student Chair  
 Existing to Remain  
 Weight: 14lbs

FIRST FLOOR : MUSIC ROOM 11



ID		Task Name	Duration	Start	Finish	brua 2/6
1		<b>Lincolnwood SD74 - Project Schedule - 2022 Sitework Renovations</b>	<b>58 days</b>	<b>Tue 1/18/22</b>	<b>Thu 4/7/22</b>	
2		<b>Design</b>	<b>25 days</b>	<b>Tue 1/18/22</b>	<b>Mon 2/21/22</b>	
3		Construction Documents	25 days	Tue 1/18/22	Mon 2/21/22	
4		<b>Bidding</b>	<b>41 days</b>	<b>Thu 2/10/22</b>	<b>Thu 4/7/22</b>	
5		Ad for Bid to SD74	1 day	Thu 2/10/22	Thu 2/10/22	
6		Ad for Bid Published	1 day	Thu 2/17/22	Thu 2/17/22	
7		<b>Out to Bid / Drawings Released to Contractors</b>	<b>1 day</b>	<b>Tue 2/22/22</b>	<b>Tue 2/22/22</b>	
8		Prebid Meeting, 11:00am	1 day	Wed 2/23/22	Wed 2/23/22	
9		<b>Receipt of Bids, 11:00am</b>	<b>1 day</b>	<b>Wed 3/9/22</b>	<b>Wed 3/9/22</b>	
10		Bid Review	2 days	Thu 3/10/22	Fri 3/11/22	
11		Letter of Rec. to SD74	1 day	Mon 3/14/22	Mon 3/14/22	
12		Facilities Committee Review	1 day	Tue 3/22/22	Tue 3/22/22	
13		<b>Board Review &amp; Contract Approval</b>	<b>1 day</b>	<b>Thu 4/7/22</b>	<b>Thu 4/7/22</b>	



2.7.22  
21091 **A1** **PROPOSED RUNNING PATH**  
LINCOLNWOOD SD74  
2022 SITEWORK RENOVATIONS  
6950 E. Prairie Road, Lincolnwood, IL 60712





## *Construction & Geotechnical Material Testing, Inc.*

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60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

January 31, 2022

Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

CGMT Project No. 22G0124

Reference: ***Report of Pavement Exploration and Evaluation, Proposed Parking Lot Improvements, 3925 W. Lunt Avenue, Lincolnwood, Illinois 60712***

Dear Mr. Toufexis:

CGMT, Inc. has completed the subsurface exploration and geotechnical engineering analyses for the Proposed Parking Lot Improvements project located at 3925 W. Lunt Avenue in Lincolnwood, Illinois. This report describes the subsurface exploration procedures, laboratory testing, and geotechnical recommendations for project construction. A Boring Location Plan is included in the Appendix of this report along with the Boring Logs performed for the exploration.

We appreciate this opportunity to be of service to the StudioGC Architecture + Interiors during the design phase of this project. If you have any questions with regard to the information and recommendations presented in this report, or if we can be of further assistance to you in any way during the planning or construction of this project, please do not hesitate to contact us.

Respectfully,

**CONSTRUCTION AND GEOTECHNICAL MATERIAL TESTING, INC.**

Pratik Patel, P.E.  
Vice President

3pc: Encl.



**REPORT OF**  
**SUBSURFACE EXPLORATION AND**  
**GEOTECHNICAL ENGINEERING SERVICES**



**PROPOSED PARKING LOT IMPROVEMENTS**  
**3925 W. LUNT AVENUE**  
**LINCOLNWOOD, ILLINOIS 60712**

**CGMT PROJECT NO. 22G0124**

**FOR**  
**STUDIOGC ARCHITECTURE + INTERIORS**  
**CHICAGO, ILLINOIS**

**JANURARY 31, 2022**



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## EXECUTIVE SUMMARY

Construction & Geotechnical Material Testing, Inc. (CGMT) has completed your subsurface exploration and geotechnical engineering project. The subsurface conditions encountered during our exploration and CGMT's conclusions and recommendations are summarized below. This summary should not be considered apart from the entire text of the report with all the qualifications and considerations mentioned herein. Details of our conclusions and recommendations are discussed in the following sections and in the Appendix of this report.

The project site is located along 3925 W. Lunt Avenue in Lincolnwood, Illinois. A total of five (5) pavement cores and soil borings, C-1 through C-5 were performed for this project. The pavement thicknesses and subsurface conditions encountered at the pavement cores and borings performed at the site can be summarized as follows:

Approximately 3 to 4 5/8 inches of asphalt pavement underlain by approximately 9 to 23 inches of aggregate base course (apparent CS 02) were encountered at the ground surface in the pavement cores C-1 and C-2. Approximately 3 1/2 to 3 3/4 inches of asphalt pavement underlain by approximately 8 to 11 inches of aggregate base course (apparent IDOT CaA6) were encountered at the ground surface in the pavement cores C-3 through C-5. The surface materials were underlain by natural, brown and gray very stiff to hard silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-1. The surface materials were underlain by dark brown firm to stiff sand clay fill soils that extended to depths of approximately 3 1/2 feet below the existing grade in the soil borings C-2 and C-4. The surface materials were underlain by brown and gray stiff silty clay soils that extended to a depth of approximately 2 feet below the existing grade in the soil boring C-3. The surface materials were underlain by brown stiff silty clay fill soils that extended to a depth of approximately 2 feet below the existing grade in the soil boring C-5. The sandy clay fill soils were underlain by natural, brown and gray very stiff silty clay soils that extended to the soil boring termination depths of approximately 5 feet below the existing grade in the soil borings C-2 and C-4. The silty clay soils were underlain by natural, brown loose sand soils that extended to a depth of approximately 2 1/2 feet below the existing grade in the soil boring C-3. The silty clay fill soils were underlain by natural, brown and gray stiff to very stiff silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-5. The sand soils were underlain by natural, brown and gray stiff silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-3.

Subgrade preparation for complete reconstruction should be initiated by removing the existing asphalt pavement, along with the underlying base course. Any topsoil and/or soft layers encountered immediately below the base course, should also be stripped from the pavement subgrade at this time. Based on the boring field and laboratory and test data, the immediate subgrade soils encountered in the soil boring C-4 may be unsuitable for continued support of pavements. As such, CGMT recommended soils near those borings may require remediation. Additional unstable areas may be exposed during construction operations. The actual need for the recommended treatment should be determined in the field at the time of construction based on guidelines presented in the IDOT Geotechnical Engineer Manual under the direction of a licensed geotechnical engineer. All potentially unstable soils should be tested with a cone penetrometer and treated in accordance with Article 301.04 of the IDOT Standard Specifications for Road and Bridge Construction and the undercut guidelines in the IDOT Subgrade Stability Manual.

Following the removal of the existing pavement section and removal of any visibly unsuitable materials, such as utility trench fill, the exposed soil subgrade should be closely observed and proofrolled. The proofrolling should be performed using a fully loaded tandem axle dump truck or other equipment providing an equivalent subgrade loading. A minimum gross weight of 25 tons is recommended for the proofrolling equipment.

For the design and construction of exterior pavements, we recommend that the existing pavement section and unsuitable materials be removed before construction of new pavements and that new pavements will be supported by stable and approved subgrades consisting of silty clay fill soils or on new engineered fill.

Assuming the pavement subgrade will consist predominantly of the cohesive soils and new fill prepared in accordance with the recommendations given in this report, an estimated IBR value of 3 could be used in proportioning a flexible pavement section. Similarly, an estimated modulus of subgrade reaction value equal to 100 pounds per cubic inch could be used for design of rigid concrete pavement sections. A Subgrade Stability Rating (SSR) rating of (Poor) should be used for pavement design. Concrete pavements should be air-entrained Portland cement concrete with a minimum compressive strength of 4,000 psi and a minimum flexural strength of 650 psi. Concrete strength requirements are outlined in article 1020.04 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016.

We recommend that the utility excavations, preparation of subgrades, and pavement construction be monitored full-time by a CGMT geotechnical engineer or his representative to verify that the exposed subgrade materials will be suitable for the pavement support.

Report Prepared By:

*Blake Sloan*

Blake A. Sloan  
Staff Engineer

Report Reviewed By:

*Nicholas Wolff*

Nicholas P. Wolff, P.E.  
Geotechnical Engineer



**1**  
**PROJECT OVERVIEW**

**Introduction**

This report presents the results of our subsurface exploration and engineering services for the Proposed Parking Lot Improvements located at 3925 W. Lunt Avenue in Lincolnwood, Illinois. A General Location Plan included in the Appendix of this report, shows the approximate location of this project.

**Project Description**

ITEM	DESCRIPTION
<b>Site Layout</b>	See Boring Location Diagram in the Appendix
<b>Proposed Construction</b>	Based on the information provided to us, StudioGC Architecture + Interiors is proposing to rehabilitate the pavement located at 3925 W. Lunt Avenue in Lincolnwood, Illinois
<b>Grading and Existing Site Considerations</b>	Site grading including cuts and fills are anticipated to be less than 1 foot will be needed to develop the final site grades across the site.

**Scope of Work**

The conclusions and recommendations contained in this report are based on the soil borings performed in the vicinity of the proposed pavement areas, and associated laboratory testing of selected soil samples. The scope of the subsurface exploration included the following.

**Number of Pavement Cores and Soil Borings**  
5

**Depth (feet)**  
5

The results of the soil borings, along with a Boring Location Plan showing the approximate locations where the borings were performed, are included in the Appendix of this report. Once the samples were returned to our laboratory, we laboratory tests on selected representative soil samples from the borings to evaluate pertinent engineering properties, and, we analyzed the field and laboratory data to develop appropriate engineering recommendations.

The purpose of this report is to provide information and geotechnical engineering recommendations with regard to:

- Subsurface Soil and Groundwater Conditions
- Site Preparation and Earthwork
- Pavement Design and Construction



**EXPLORATION RESULTS**

**Site Description**

ITEM	DESCRIPTION
<b>Project Locations</b>	The project site is located at 3925 W. Lunt Avenue in Lincolnwood, Illinois
<b>Existing Site Improvements</b>	At the time of our exploration, the existing pavement was relatively in poor condition with many cracks in longitudinal, transverse, and random orientations. Areas of alligator cracking were also present throughout the existing pavement. In our opinion, the pavement appeared to be near the end of its useful life.

**Surface Conditions**

A total of five (5) pavement cores, C-1 through C-5, were performed for this project. The pavement conditions and thicknesses are summarized in the table below:

Pavement Core	Location	Total Depth of Pavement	Pavement Components	Comments
C-1	3925 W. Lunt Avenue	13 5/8 in.	1 7/8" Asphalt	Surface Coarse, Little Voids, Good Bond
			2 3/4" Asphalt	Binder Coarse, Little Voids
			9" Base Course	Apparent IDOT CS 2
C-2	3925 W. Lunt Avenue	26 in.	1 3/8" Asphalt	Surface Coarse, Little Voids, Good Bond
			1 5/8" Asphalt	Binder Coarse, Little Voids
			23" Base Course	Apparent IDOT CS 2
C-3	3925 W. Lunt Avenue	11 3/4 in.	1 1/4" Asphalt	Surface Coarse, Trace Voids, Good Bond
			2 1/2" Asphalt	Binder Coarse, Little Voids
			8" Base Course	Apparent IDOT CA 6
C-4	3925 W. Lunt Avenue	14 1/2 in.	2" Asphalt	Surface Coarse, Little Voids, Good Bond
			1 1/2" Asphalt	Binder Coarse, Little Voids
			11" Base Course	Apparent IDOT CA 6
C-5	3925 W. Lunt Avenue	13 1/2 in.	1 1/2" Asphalt	Surface Coarse, Some Voids, Good Bond
			2" Asphalt	Binder Coarse, Little Voids
			10" Base Course	Apparent IDOT CA 6



**Soil Conditions**

A total of five (5) soil borings, C-1 through C-5 were performed for this project. The subsurface conditions encountered at the soil borings performed at the site can be summarized as follows:

The surface materials were underlain by natural, brown and gray very stiff to hard silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-1. The surface materials were underlain by dark brown firm to stiff sand clay fill soils that extended to depths of approximately 3½ feet below the existing grade in the soil borings C-2 and C-4. The surface materials were underlain by brown and gray stiff silty clay soils that extended to a depth of approximately 2 feet below the existing grade in the soil boring C-3. The surface materials were underlain by brown stiff silty clay fill soils that extended to a depth of approximately 2 feet below the existing grade in the soil boring C-5. The sandy clay fill soils were underlain by natural, brown and gray very stiff silty clay soils that extended to the soil boring termination depths of approximately 5 feet below the existing grade in the soil borings C-2 and C-4. The silty clay soils were underlain by natural, brown loose sand soils that extended to a depth of approximately 2½ feet below the existing grade in the soil boring C-3. The silty clay fill soils were underlain by natural, brown and gray stiff to very stiff silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-5. The sand soils were underlain by natural, brown and gray stiff silty clay soils that extended to the soil boring termination depth of approximately 5 feet below the existing grade in the soil boring C-3.

SOILS	SOIL CHARACTERISTICS
<b>Fill: Cohesive Soils</b>	4 to 7 blows per foot Unconfined Compressive Strengths: 0.5 to 1.5 tsf; Firm to Stiff Moisture Contents: 20.3 to 24.6 percent
<b>Silty Clay Soils</b>	6 to 16 blows per foot Unconfined Compressive Strengths: 1.0 to 4.5+ tsf; Stiff to Hard Moisture Contents: 17.1 to 21.6 percent
<b>Sand Soils</b>	9 blows per foot; Loose Moisture Contents: 12.1 percent

The specific soil types observed at the borings are noted on the boring logs, enclosed in the Appendix.

**Groundwater Observations**

Observations for groundwater were made during sampling and upon completion of the drilling operations at the boring locations. In auger drilling operations, water is not introduced into the boreholes, and the groundwater position can often be obtained by observing water flowing into or out of the boreholes. Furthermore, visual observation of the soil samples retrieved during the auger drilling exploration can often be used in evaluating the groundwater conditions. Groundwater levels were observed during drilling and immediately the completion of drilling. Groundwater measurements are summarized in the table below.

**Groundwater Summary**

LOCATION	GROUNDWATER LEVELS (FEET)	
	DURING DRILLING	IMMEDIATELY AFTER COMPLETION
Soil Borings C-1 through C-5	None	None



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Glacial till soils in the Midwest frequently oxidize from gray to brown above the level at which the soil remains saturated. The seasonal high water table is often interpreted to be near this zone of color change. Based on the results of this exploration, the season high water table may be located at depths greater than those explored, but perched groundwater may be present.

More definitive evidence of prevailing groundwater levels could be obtained through the use of groundwater monitoring wells, which CGMT could install and monitor if requested.

It should be noted that the groundwater level can vary based on precipitation, evaporation, surface run-off and other factors not immediately apparent at the time of this exploration. Surface water runoff will be a factor during general construction, and steps should be taken during construction to control surface water runoff and to remove any water that may accumulate in the proposed excavations as well as floor slab and pavement areas. Precipitation generally varies seasonally. To assist in anticipating groundwater fluctuations changes throughout the year, average monthly precipitation is provided in the table below. Average precipitation levels were obtained from wunderground.com.

**Seasonal Precipitation**

<b>Month</b>	January	February	March	April	May	June	July	August	September	October	November	December	Total
<b>Normal Precipitation (inches)</b>	0.77	0.64	0.97	1.40	2.84	4.70	2.38	1.37	0.91	6.71	0.83	1.84	25.36



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**ANALYSIS AND RECOMMENDATIONS**

**Overview**

The following recommendations have been developed on the basis of the previously described project characteristics and subsurface conditions encountered. If there are any changes to the project characteristics or if different subsurface conditions are encountered during construction, CGMT should be consulted so that the recommendations of this report can be reviewed. The pavement rehabilitation methods that could be considered would include:

- Complete Reconstruction of aggregate base and pavement
- Partial Reconstruction

Based on the observed condition of the pavements which include severe longitudinal, transverse, and alligator cracking, at the boring locations, a partial reconstruction program or a milling and overlay program will probably be best suited in most areas. A complete reconstruction of aggregate base and pavement program would likely be the most expensive alternate but would provide higher confidence of the subgrade and subbase materials would likely be best suited.

Complete reconstruction would consist of removing the entire existing pavement section down to the soil subgrade. It is possible that undercutting may be necessary when subgrade soils consisting of high moisture and/or organic soils are exposed following removal of the asphalt pavement layers.

**Subgrade Preparation Recommendations for Complete Reconstruction**

Subgrade preparation for complete reconstruction should be initiated by removing the existing asphalt pavement, along with the underlying base course. Any topsoil and/or soft layers encountered immediately below the base course, should also be stripped from the pavement subgrade at this time. Based on the boring field and laboratory and test data, the immediate subgrade soils encountered in the soil boring C-4 may be unsuitable for continued support of pavements. As such, CGMT recommended soils near those borings may require remediation. Additional unstable areas may be exposed during construction operations. The actual need for the recommended treatment should be determined in the field at the time of construction based on guidelines presented in the IDOT Geotechnical Engineer Manual under the direction of a licensed geotechnical engineer. All potentially unstable soils should be tested with a cone penetrometer and treated in accordance with Article 301.04 of the IDOT Standard Specifications for Road and Bridge Construction and the undercut guidelines in the IDOT Subgrade Stability Manual.

We recommend that the project geotechnical engineer or his representative should be on site to monitor stripping and site preparation operations and observe that unsuitable soils have been satisfactorily removed and to observe proofrolling.

After removal of unsuitable/deleterious materials and stripping to the desired grade, and prior to fill placement, we recommend the stripped/exposed subgrades be observed by an experienced geotechnical engineer or his authorized representative at the time of construction in order to aid in identifying localized soft/loose or unsuitable materials which should be removed. Proofrolling using a loaded dump truck having a gross weight of at least 25 tons, may be used at this time to aid in identifying localized soft or unsuitable material which should be removed. If poorer soil conditions (very soft, clay loam soils are sensitive to moisture changes and some softening/disturbance of the exposed soils should be expected following periods of precipitation. If any remediation is required at time of construction, it may include undercutting and placement of a stabilization stone such as IDOT gradation CA-1 or PGE materials or approved fill material.



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Proofrolling will aid in providing a firm base for compaction of new fill or subbase materials and in delineating soft or unstable subgrade conditions. Soft or unstable subgrades identified by proofrolling should be scarified in-place, moisture conditioned as necessary, and recompacted as recommended below. If adequate stability cannot be achieved through scarification and recompaction, or project schedules or weather conditions do not allow scarification and recompaction, the unstable material should be undercut and replaced with suitable engineered fill. Although the borings did not suggest that extensive areas of undercutting would be required, subgrade conditions between borings and core holes could vary and some contingency for undercutting should be provided in the contract documents.

If improvements are needed, the aggregate subgrade improvement, as discussed in the IDOT District One Special Provision 303, shall be installed. The special provision requires a gradation CS 01 for a minimum thickness of 12 inches. The upper 3 inches of the improved subgrade shall be composed of a material that will have a maximum particle size of 1½ inches.

Based on the boring information, CGMT anticipates that the aggregate subgrade improvement will be required at the locations noted in the table below, but may also be needed at other locations where the exposed soils consist of unsuitable or unstable soils as determined by the CGMT’s on-site representative.

**Anticipated Areas Requiring Subgrade Improvement**

Location	Material	Depth
Soil Boring C-4	Sandy Clay, Trace Gravel, dark brown, firm (CL FILL) - Low Strength Soils	1 to 2½ feet

Where required undercuts are less than about 1 foot in depth, IDOT Gradation CA-6 granular fill materials or stockpiled granular base material should be used to backfill the undercut. Where undercuts exceed about 1 foot, consideration could be given to backfilling the undercuts with an approved coarse crushed stone. However, these coarser materials should be “choked off” with a minimum 6-inch thickness of CA-6. The use of geotextile or geogrid materials to separate and reinforce the engineered fill could also be considered. Geotextiles can often provide some savings by reducing the required depths of cut and subsequent fill volumes. If undercut depths excess about 1.5 to 2 feet, consideration should be given to using geotextiles.

We should note that the use of granular soils as undercut backfill can create localized areas for water to collect below pavements, which can contribute to subgrade saturation, pumping and frost heave. If conditions warrant such undercuts and granular backfill, it may also be necessary to provide an outlet, such as a gravel filled trench extended to a catch basin or sewer trench backfill, to drain the zone of granular fill.

Some of the near surface soils encountered in the borings had somewhat high moisture contents, and sand or silt layers will likely be encountered near the ground surface. These soil types could be encountered in isolated to relatively broad areas during grading. Instability and disturbance of these soil types could occur during construction, particularly if wetted by surface water or seepage. These soils may exhibit a relatively firm/stable condition upon initial exposure at the subgrade level. However, repetitive construction traffic and/or wetting will deteriorate the strength of these soils. It is likely that portions of the pavement subgrades could become unstable during proofrolling and construction operations and some means of subgrade stabilization may be required to facilitate construction.

Representatives of CGMT should be present on an on-going basis to perform observations and testing during the preparation of the pavement areas.

**Subgrade Preparation Recommendations for Partial Reconstruction**

Site preparation for a partial pavement reconstruction would involve the primary steps outlined above, with the exception of removing only a portion of the existing aggregate base course. The amount of base course to be removed would be dependent upon the pavement section thickness used to reconstruct the pavement (see previous section of report).



Any aggregate base course which is disturbed during the removal process should be recompacted. After excavating to grade and recompacting as necessary, the proofrolling and undercutting procedures outlined earlier should be performed.

### **Engineered Fill**

Where new fill material is required for backfill or to otherwise reach the design subgrade elevation beneath pavements, we recommend that engineered fill be used. Any soil placed as engineered fill should be an approved material, free of organic matter or debris, be a non-frost susceptible soil, and have a liquid limit and plasticity index less than 40 and 15, respectively. The project geotechnical engineer should be consulted to determine the suitability of off-site/on-site materials for use as engineered fill, prior to use or placement. Fill materials containing large voids are more susceptible to future movement that may become unstable resulting in excessive and variable settlement.

Fill should be placed in lifts not exceeding 8 inches in loose thickness, moisture conditioned to within 2 percent of the optimum moisture content and compacted to at least 95 percent of the maximum dry density obtained in accordance with ASTM Specification D 1557, Modified Proctor Method. Fill placed below footing base elevations should be compacted to at least 95 percent of the material's modified Proctor maximum dry density (ASTM D 1557). Engineered fill placed to support foundations should extend 1 foot beyond the outside edges of the footings and from that point outward laterally 1 foot for every 2 feet of fill thickness below the footings. Laboratory proctor tests should be performed on fill materials to determine the maximum dry density and optimum moisture content. A shrinkage factor of 15 percent can be assumed for estimating earthwork quantities for bidding purposes.

We recommend suitable silty clays used to raise the grade or backfill undercuts should be compacted with a sheepfoot roller. Granular engineered fill should be compacted with a smooth drum roller or adequate heavy vibratory plate. Moisture control during earthwork operations, including the use of disking or appropriate drying equipment and techniques, should be expected.

In-place density tests should be performed with a minimum of 1 test per 2,000 square feet of fill area for each lift of fill placed. We recommend that the placement of engineered fill be monitored full-time by CGMT representative and in-place density tests should be performed to verify the adequacy of the compaction for each lift of fill placed.

### **Pavements**

We anticipate the new pavement will be of asphaltic concrete or Portland cement concrete. We expect that the proposed parking lot will generally be utilized for light duty traffic, and the driveways and loading and unloading areas be utilized for light to medium duty traffic. Heavy traffic loads would be anticipated for areas near any dumpsters where garbage trucks would often cross. We recommend the pavement subjected to light traffic be underlain by a minimum of 8 inches of base course granular material, similar to Illinois Department of Transportation gradation CA-6.

Assuming the pavement subgrade will consist predominantly of the existing cohesive fill soils and/or new fill prepared in accordance with the recommendations given in this report, an estimated IBR value of 3 could be used in proportioning a flexible pavement section. Similarly, an estimated modulus of subgrade reaction value equal to 100 pounds per cubic inch could be used for design of rigid concrete pavement sections. A Subgrade Stability Rating (SSR) rating of (Poor) should be used for pavement design. Concrete pavements should be air-entrained Portland cement concrete with a minimum compressive strength of 4,000 psi and a minimum flexural strength of 650 psi. Concrete strength requirements are outlined in article 1020.04 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016.



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Some typical pavement sections used in this region of the country are given below which could be considered for preliminary estimating purposes. Other sections can also be considered. These sections assume a low volume of light vehicle loads (automobiles, vans, pickups, etc.). They should also be considered minimum thicknesses, and, as such, periodic maintenance should be anticipated. Final design sections should consider details such as final grades, traffic loadings, traffic volumes, the desired design life and any local, county or city codes. If you wish, we would be pleased to perform a detailed pavement section design using AASHTO or Asphalt Institute procedures when this information is available. It should also be noted that these sections do not consider if the binder course will be subject to construction vehicle traffic for an extended period of time. Some distress to the binder course and aggregate base could occur, if this is the case.

	Light Duty (Parking Lots)	Heavy Duty ** (Drives)	Frequent Truck Traffic
Portland Cement Concrete	5 inches	6 inches	7 inches
Full Depth Asphalt	5.5 inches	7 inches	10 inches
Combined Section:			
Asphalt	3 inches	4 inches	4.5 inches
Crushed Stone Base Course	8 inches	10 inches	16 inches

\* All materials should meet the current Illinois Department of Transportation Standard Specifications for Road and Bridge Construction requirements.

\*\* In areas of anticipated heavy traffic, delivery trucks, or concentrated loads, a minimum concrete thickness of 7 inches is recommended but should be evaluated further when loading conditions are known.

Final design sections should consider details such as final grades, traffic loadings, traffic volumes, the desired design life and any local, county or city codes. If you wish, we would be pleased to perform a detailed pavement section design using AASHTO or Asphalt Institute procedures when this information is available. Minimum design requirements for hot-mix asphalt (HMA) shall follow Article 1030.05 of the Standard Specifications for Road and Bridge Construction, effective April 1, 2016. During asphalt pavement construction, the wearing and leveling course should be compacted to a minimum of 93 percent of the theoretical density value. Prior to placing the granular material, the pavement subgrade soil should be properly compacted, proofrolled, and free of standing water, mud, and frozen soil.

Consideration should also be given to placing a geotextile fabric at the base of the new pavement section as a separation layer and to reduce the potential for premature degradation of the new pavements.

An important consideration with the design and construction of pavements is surface and subsurface drainage. Where standing water develops, either on the pavement surface or within the base course layer, softening of the subgrade and other problems related to the deterioration of the pavement can be expected. Furthermore, good drainage should reduce the possibility of the subgrade materials becoming saturated over a long period of time. We would be pleased to be of further assistance to you in the design of the project pavements by providing additional recommendations during construction of the project.

Periodic maintenance of pavements should be anticipated. The subgrade parameters provided in this report consider that significant changes in the subgrade moisture content do not occur. To reduce the potential for changes in subgrade moisture, all paved areas should be sloped to provide rapid drainage of surface water and to drain water away from the pavement edges. Water that is allowed to pond on or adjacent to the pavement can saturate and soften the subgrade soils and subsequently accelerate pavement deterioration.



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Granular base or subbase materials directly below pavement sections can also collect infiltrated surface water and soften the subgrade as well as increase the effects of frost action, both of which can be detrimental to pavements. For these reasons, where granular materials are used over a cohesive soil subgrade or where the groundwater level is within 3.5 feet of finished pavement subgrade, we recommend that consideration be given to using pavement underdrains hydraulically connected to the granular base or subbase to improve the pavement performance and extend its service life. Underdrains should be installed at 300 to 500 feet intervals and at low points in the pavement profile. Pipe underdrains shall be installed according to Check Sheet #19 of the Supplemental Specifications and Recurring Special Provisions, effective January 1, 2015.

**General Construction Considerations**

We recommend that the subgrade preparation and pavement construction be monitored by a CGMT geotechnical engineer or his representative. Methods of verification and identification such as proofrolling and hand auger probe holes will be necessary to further evaluate the subgrade soils and identify unsuitable soils. We would be pleased to provide these services.

We recommend adequate surface and subsurface drainage be considered in the design and construction of pavements. Where standing water develops, either on pavement surfaces or within the base course layer, softening of the subgrade and other problems related to the deterioration of the pavements can be expected. Adequate drainage should reduce the possibility of the subgrade materials becoming saturated over a long period of time. To reduce water infiltration to the pavement section and within the base course layer resulting in softening of the subgrade and deterioration of the pavements, we recommend the timely repair or sealing of joints and cracks in pavement.

All unsuitable materials should be removed and replaced with environmentally clean, inorganic fill and free of debris or harmful matter. Unsuitable materials removed from the project site should be disposed of in accordance with all applicable federal, state, and local regulations.

The contractor should avoid stockpiling excavated materials immediately adjacent to the excavation walls. We recommend that stockpile materials be kept back from the excavation a minimum distance equal to the excavation depth to avoid surcharging the excavation walls. If this is impractical due to space constraints, the excavation walls should be retained with bracing designed for the anticipated surcharge loading.

Excavations should comply with the requirements of OSHA 29CFR, Part 1926, Subpart P, "Excavations" and its appendices, as well as other applicable codes. This document states that the contractor is solely responsible for the design and construction of stable, temporary excavations. The excavations should not only be in accordance with current OSHA excavation and trench safety standards but also with applicable local, state, and federal regulations. The contractor should shore, slope or bench the excavation sides when appropriate. In no case should excavations extend below the level of adjacent structures, utilities or pavements, unless underpinning or other adequate support is provided. Site safety is the sole responsibility of the contractor, who shall also be responsible for the means, methods and sequencing of construction operations.



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**EXPLORATION PROCEDURES**

**Subsurface Exploration Procedures**

The soil borings were located in the field by a CGMT Field Engineer based on the proposed boring site plan provided to us. As required by the State of Illinois, the driller notified Illinois One-Call System, JULIE, to verify underground utilities in the vicinity of the project site prior to drilling operations.

The soil borings were performed with a truck-mounted rotary-type auger drill rig, which utilized continuous hollow stem augers to advance the boreholes. Prior to soil boring operations, pavement cores were obtained with a diamond impregnated core barrel. Representative soil samples were obtained at 2½ foot intervals for the first 10 feet and 5 foot intervals thereafter by means of conventional split-barrel sampling procedures. In this procedure, a 2-inch O.D., split-barrel sampler is driven into the soil a distance of 18 inches by a 140-pound hammer falling 30 inches. The number of blows required to drive the sampler through a 12-inch interval, after initial setting of 6 inches, is termed the Standard Penetration Test (SPT) or N-value and is indicated for each sample on the boring logs. The SPT value can be used as a qualitative indication of the in-place relative density of cohesionless soils. In a less reliable way, it also indicates the consistency of cohesive soils. This indication is qualitative, since many factors can significantly affect the standard penetration resistance value and prevent a direct correlation between drill crews, drill rigs, drilling procedures, and hammer-rod-sampler assemblies. The drill rig utilized an automatic trip hammer to drive the sampler.

The drill crew maintained a field log of the soils encountered in the borings. After recovery, each geotechnical soil sample was removed from the sampler and visually classified. Representative portions of each soil sample were then sealed in jars and brought to our laboratory in Elk Grove Village, Illinois for further visual examination and laboratory testing. After completion of the drilling operations, the boreholes were backfilled with auger cuttings to the existing ground surface.

**Laboratory Testing Program**

The pavement cores were measured in our laboratory and the thickness and composition of the existing pavement components were documented. Other traits, such as, amount of voids or delaminated layers were also noted. Representative soil samples were selected and tested in our laboratory to check field classifications and to determine pertinent engineering properties. Representative soil samples were selected and tested in our laboratory to check field classifications and to determine pertinent engineering properties. The laboratory testing program included visual classifications and unconfined compressive strength and moisture content determinations.

An experienced geotechnical engineer classified each soil sample on the basis of texture and plasticity in accordance with the Unified Soil Classification System. The group symbols for each soil type are indicated in parentheses following the soil descriptions on the coring logs. A brief explanation of the Unified System is included with this report. The geotechnical engineer grouped the various soil types into the major zones noted on the coring logs. The stratification lines designating the interfaces between earth materials on the coring logs and profiles are approximate; in situ, the transitions may be gradual.

The soil samples will be retained in our laboratory for a period of 60 days, after which, they will be discarded unless other instructions are received as to their disposal.



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**CLOSING**

We recommend that the construction activities be monitored by CGMT to provide the necessary overview and to check the suitability of the subgrade soils for supporting the pavements. Once final loads become available, CGMT must be contacted to review the recommendations presented herein.

This report has been prepared in order to aid in the evaluation of this property and to assist the architect and/or engineer in the design of this project. The scope is limited to the specific project and locations described herein and our description of the project represents our understanding of the significant aspects relative to soil and pavement characteristics. In the event that any change in the nature or location of the proposed construction outlined in this report are planned, we should be informed so that the changes can be reviewed and the conclusions of this report modified or approved in writing by the geotechnical engineer. It is recommended that all construction operations dealing with earthwork and pavements be reviewed by an experienced geotechnical engineer to provide information on which to base a decision as to whether the design requirements are fulfilled in the actual construction. If you wish, we would welcome the opportunity to provide field construction services for you during construction.

The analysis and recommendations submitted in this report are based upon the data obtained from the soil borings and tests performed at the locations as indicated on the Coring Location Plan and other information referenced in this report. This report does not reflect any variations, which may occur between the pavement cores and borings. In the performance of the subsurface exploration, specific information is obtained at specific locations at specific times. However, it is a well-known fact that variations in soil conditions exist on most sites between pavement core and boring locations and also such situations as groundwater levels vary from time to time. The nature and extent of variations may not become evident until the course of construction. If variations then appear evident, after performing on-site observations during the construction period and noting characteristics and variations, a reevaluation of the recommendations for this report will be necessary.

## **APPENDIX**

Vicinity Map

Pavement Core Location Diagram

Boring Log(s)

Core Picture(s)

Unified Soil Classification System

Reference Notes for Boring Logs



**VICINITY MAP**



**CGMT Project No. 22G0124  
Proposed Parking Lot  
Improvements  
3925 W. Lunt Avenue,  
Lincolnwood,  
DuPage County, Illinois 60712**



Drawing Not To Scale

**LEGEND**



 - Approximate Pavement Core and Soil Boring Location



Pavement Core & Soil Boring Location Diagram

**Proposed Parking Lot Improvements**

3925 W. Lunt Avenue  
Lincolnwood, Illinois 60712

Project Manager

N. Wolff

Date

1/31/2022

Project Number

22G0124

Sheet Number

Fig. 1

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# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Soil Boring Prepared for:**  
Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**Boring No.:** **C-1**  
**Date:** Monday, January 17, 2022  
**Project:** Paving Improvements Replacement  
3925 W. Lunt Avenue, Lincolnwood, IL 60712  
**Project No.:** 22G0124  
**Boring Location:** See Boring Location Diagram  
**Logged By:** L.S.H.  
**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		Approximately 4 5/8" of Asphalt Pavement					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Approximately 9" of Aggregate Base Course					
	1.0		Silty Clay, Trace Sand and Gravel, brown and gray, very stiff to hard (CL)	SS-1 1.0' - 2.5' 17" Recovery	2 6 7	17.8	3.0	
	2.0							
	3.0							
	4.0			SS-2 3.5' - 5.0' 15" Recovery	6 7 9	17.1	4.5+	
	5.0		END OF BORING at 5 Feet					
	6.0							
	7.0							
	8.0							
	9.0							
	10.0							
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							

<b>Drilling Contractor:</b> CGMT, Inc.	<b>Water Level (Ft.):</b> _____
<b>Drilling Method:</b> 3/4" O.D. H.S.A. Split Spoon Sampling	<b>During Drilling:</b> None
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig	<b>Immediately After Drilling:</b> None <span style="float: right;">38</span>
<b>REVIEWED BY:</b> NPW	

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Soil Boring Prepared for:**  
Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**Boring No.:** **C-2**  
**Date:** Monday, January 17, 2022  
**Project:** Paving Improvements Replacement  
3925 W. Lunt Avenue, Lincolnwood, IL 60712  
**Project No.:** 22G0124  
**Boring Location:** See Boring Location Diagram  
**Logged By:** L.S.H.  
**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		Approximately 3" of Asphalt Pavement					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Approximately 23" of Aggregate Base Course	SS-1 1.0' - 2.5'	3 2	20.3	1.0	
	2.0		Sandy Clay, Trace Gravel, dark brown, stiff (CL FILL)	14" Recovery	2			
	3.0							
	4.0		Silty Clay, Trace Sand and Gravel, brown and gray, very stiff (CL)	SS-2 3.5' - 5.0'	2 2	21.6	2.5	
	5.0		END OF BORING at 5 Feet		4			
	6.0							
	7.0							
	8.0							
	9.0							
	10.0							
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							

<b>Drilling Contractor:</b> CGMT, Inc.	<b>Water Level (Ft.):</b> _____
<b>Drilling Method:</b> 3/4" O.D. H.S.A. Split Spoon Sampling	<b>During Drilling:</b> None
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig	<b>Immediately After Drilling:</b> None
<b>REVIEWED BY:</b> NPW	39

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Soil Boring Prepared for:**  
Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**Boring No.:** **C-3**  
**Date:** Monday, January 17, 2022  
**Project:** Paving Improvements Replacement  
3925 W. Lunt Avenue, Lincolnwood, IL 60712  
**Project No.:** 22G0124  
**Boring Location:** See Boring Location Diagram  
**Logged By:** L.S.H.  
**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		Approximately 3 3/4" of Asphalt Pavement					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Approximately 8" of Aggregate Base Course					
	1.0		Silty Clay, Trace Sand and Gravel, brown and gray, stiff (CL)	SS-1 1.0' - 2.5'	4	17.6	1.25	
	2.0		Sand, Trace Gravel, brown, loose (SP)	14" Recovery	5	12.1	-	
	3.0		Silty Clay, Trace Sand and Gravel, brown and gray, stiff (CL)					
	4.0			SS-2 3.5' - 5.0'	3	19.9	1.0	
	5.0		END OF BORING at 5 Feet					
	6.0							
	7.0							
	8.0							
	9.0							
	10.0							
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							

<b>Drilling Contractor:</b> CGMT, Inc.	<b>Water Level (Ft.):</b>
<b>Drilling Method:</b> 3/4" O.D. H.S.A. Split Spoon Sampling	<b>During Drilling:</b> None
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig	<b>Immediately After Drilling:</b> None <span style="float: right;">40</span>
<b>REVIEWED BY:</b> NPW	

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Soil Boring Prepared for:**  
Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**Boring No.:** **C-4**  
**Date:** Monday, January 17, 2022  
**Project:** Paving Improvements Replacement  
3925 W. Lunt Avenue, Lincolnwood, IL 60712  
**Project No.:** 22G0124  
**Boring Location:** See Boring Location Diagram  
**Logged By:** L.S.H.  
**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		Approximately 3 1/2" of Asphalt Pavement					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.  Dry Density: 1.0' - 2.5' = 93.6 lbs/ft <sup>3</sup>
	1.0		Approximately 11" of Aggregate Base Course	SS-1 1.0' - 2.5'	2	24.6	0.5	
	2.0		Sandy Clay, Trace Gravel, dark brown, firm (CL FILL)	14" Recovery	3			
	3.0							
	4.0		Silty Clay, Trace Sand and Gravel, brown and gray, very stiff (CL)	SS-2 3.5' - 5.0'	2	19.1	3.0	
	5.0		END of BORING at 5 Feet					
	6.0							
	7.0							
	8.0							
	9.0							
	10.0							
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							

<b>Drilling Contractor:</b> CGMT, Inc.	<b>Water Level (Ft.):</b> _____
<b>Drilling Method:</b> 3/4" O.D. H.S.A. Split Spoon Sampling	<b>During Drilling:</b> None
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig	<b>Immediately After Drilling:</b> None
<b>REVIEWED BY:</b> NPW	41

# Soil Boring Log



**Construction & Geotechnical Material Testing, Inc.**

60 Martin Lane, Elk Grove Village, Illinois 60007  
Telephone (630) 595-1111 ♦ Fax (630) 595-1110

**Soil Boring Prepared for:**  
Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**Boring No.:** **C-5**  
**Date:** Monday, January 17, 2022  
**Project:** Paving Improvements Replacement  
3925 W. Lunt Avenue, Lincolnwood, IL 60712  
**Project No.:** 22G0124  
**Boring Location:** See Boring Location Diagram  
**Logged By:** L.S.H.  
**Ground Elevation:** \_\_\_\_\_

Sheet 1 of 1

Elevation	Depth	Strata	Soil / Rock Description	Sample Type & No. Depth Interval (Ft) Recovery (in)	Blow Count	Moisture Content (%)	Unconfined Compressive Strength (TSF)	Notes & Test Results
	0.0		Approximately 3 1/2" of Asphalt Pavement					Unconfined compressive strength of soil samples estimated using a calibrated penetrometer.
	1.0		Approximately 10" of Aggregate Base Course					
	1.0		Silty Clay, Trace Sand and Gravel, brown, stiff (CL FILL)	SS-1 1.0' - 2.5'	2 4	20.9	1.5	
	2.0		Silty Clay, Trace Sand and Gravel, brown and gray, stiff to very stiff (CL)	16" Recovery	3	17.1	1.5	
	3.0							
	4.0			SS-2 3.5' - 5.0'	3 4	19.9	2.5	
	5.0		END of BORING at 5 Feet	17" Recovery	5			
	6.0							
	7.0							
	8.0							
	9.0							
	10.0							
	11.0							
	12.0							
	13.0							
	14.0							
	15.0							
	16.0							
	17.0							
	18.0							
	19.0							
	20.0							
<b>Drilling Contractor:</b> CGMT, Inc.						<b>Water Level (Ft.)</b>		
<b>Drilling Method:</b> 3/4" O.D. H.S.A. Split Spoon Sampling						<b>During Drilling:</b> None		
<b>Drilling Equipment:</b> CME-45C Truck Mounted Drill Rig						<b>Immediately After Drilling:</b> None		
<b>REVIEWED BY:</b> NPW						42		

**CONSTRUCTION & GEOTECHNICAL MATERIAL TESTING, INC.**



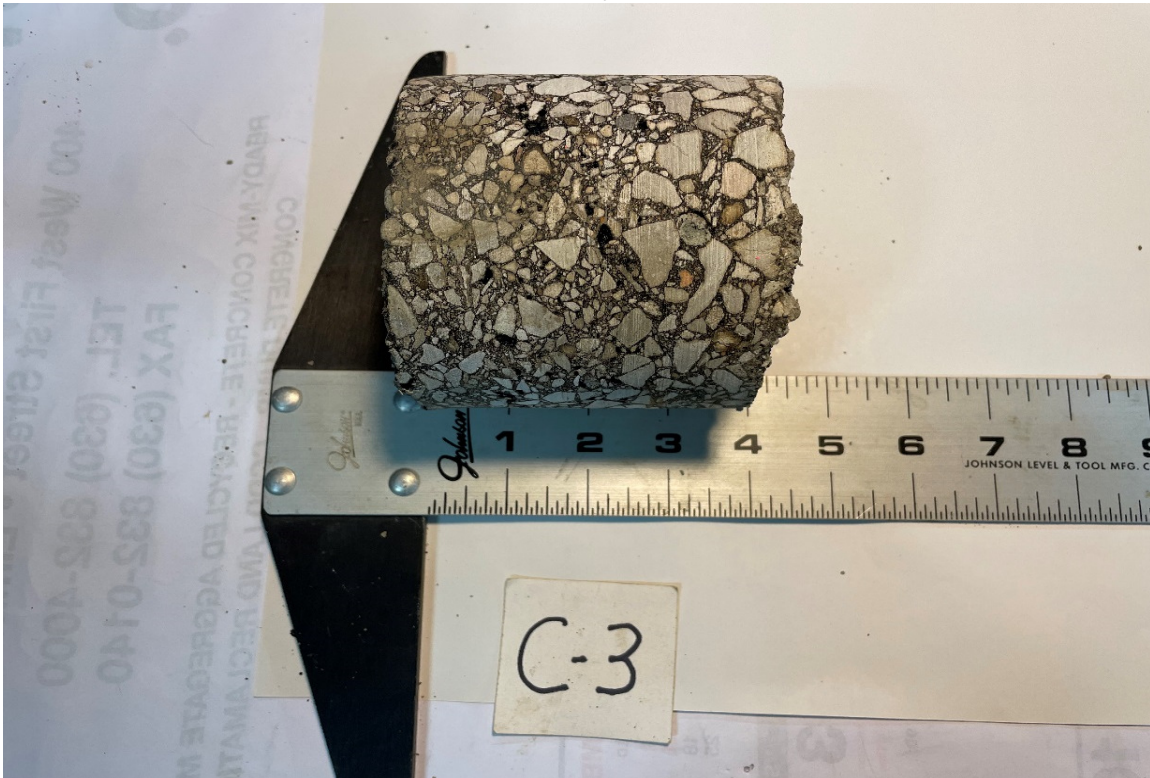
**Pavement Core-1: 3925 W. Lunt Avenue**



**Pavement Core-2: 3925 W. Lunt Avenue**



**CONSTRUCTION & GEOTECHNICAL MATERIAL TESTING, INC.**



**Pavement Core-3: 3925 W. Lunt Avenue**



**Pavement Core-4: 3925 W. Lunt Avenue**



**CONSTRUCTION & GEOTECHNICAL MATERIAL TESTING, INC.**

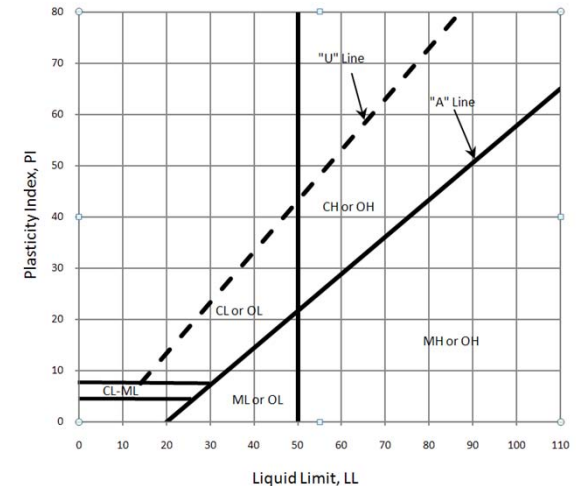


**Pavement Core-5: 3925 W. Lunt Avenue**



**UNITED SOIL CLASSIFICATION SYSTEM**  
(ASTM D-2487)

Major Division	Group Symbol	Typical Names	Classification Criteria	
Coarse-grained soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	GW	Well-graded gravels and gravel-sand mixtures, little or no fines	$C_u = D_{60}/D_{10}$ greater than 4 $C_z = (D_{30})^2/(D_{10} \times D_{60})$ between 1 & 3 Not meeting both criteria for GW Atterberg limits plot below "A" line or plasticity index less than 4 Atterberg limits plot above "A" line and plasticity index greater than 7 Less than 5% pass No. 200 sieve More than 12% pass No. 200 sieve 5% to 12% pass No. 200 sieve Note: U-line represents approximate upper limit of LL and PI combinations natural soils (empirically determined). ASTM D-2487
		GP	Poorly graded gravels and gravel-sand mixtures, little or no fines	
		GM	Silty gravels, gravel-sand-silt mixtures	
		GC	Clayey gravels, gravel-sand-clay mixtures	
		SW	Well-graded sands and gravelly sands, little or no fines	
	Sands More than 50% of coarse fraction passes No. 4 sieve	SP	Poorly graded sands and gravelly sands, little or no fines	
		SM	Silty sands, sand-silt mixtures	
		SC	Clayey sands, sand-clay mixtures	
		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands	
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
Fine-grained soils 50% or more passing No. 200 sieve	Silty and Clays Liquid limit 50% or less	OL	Organic silts and organic silty clays of low plasticity	
		MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts	
		CH	Inorganic clays of high plasticity, fat clays	
	Silty and Clays Liquid limit greater than 50%	OH	Organic clays of medium to high plasticity	
		Pt	Peat, muck and other highly organic soils	Fibrous organic matter; will char, burn or glow



Plasticity chart for the classification of fine-grained soils. Tests made on fraction finer than No. 40 sieve

Borderline classifications, used for soils possessing characteristics of two groups, are designated by combinations of group symbols. For example: GW-GC, well-graded gravel-sand mixture with clay binder



# UNIFIED SOIL CLASSIFICATION SYSTEM

## REFERENCE NOTES FOR BORING LOGS

### I. Drilling and Sampling Symbols:

SS – Split Spoon Sampler	RB – Rock Bit Drilling
ST – Shelby Tube Sampler	BS – Bulk Sample of Drilling
RC – Rock Core: NX, BX, AX	PA – Power Auger (no sample)
PM – Pressuremeter	HSA – Hollow Stem Auger
DC – Dutch Cone Penetrometer	WS – Wash Sample

Standard Penetration (Blows/Ft) refers to the blows per foot of a 140 lb. hammer falling 30 inches on a 2 inch O.D. split spoon sampler, as specified in ASTM D-1586. The blow count is commonly referred to as the N-value.

### II. Correlation of Penetration Resistances to Soil Properties:

#### Relative Density-Sands, Silts

<u>SPT – N</u>	<u>Relative Density</u>
0 – 3	Very Loose
4 – 9	Loose
10 – 29	Medium Dense
30 – 49	Dense
50 – 80	Very Dense

#### Consistency of Cohesive Soils

<u>Unconfined Compressive Strength, <math>Q_p</math>, tsf</u>	<u>Consistency</u>
under 0.25	Very Soft
0.25 – 0.49	Soft
0.50 – 0.99	Firm
1.00 – 1.99	Stiff
2.00 – 3.99	Very Stiff
4.00 – 8.00	Hard
over 8.00	Very Hard

### III. Unified Soil Classification Symbols:

GP – Poorly Graded Gravel	ML – Low Plasticity Silt
GW – Well Graded Gravel	MH – High Plasticity Silt
GM – Silty Gravel	CL – Low Plasticity Clay
GC – Clayey Gravel	CH – High Plasticity Clay
SP – Poorly Graded Sand	OL – Low Plasticity Organic
SW – Well Graded Sand	OH – High Plasticity Organic
SM – Silty Sand	CL-ML – Dual Classification (Typical)
SC – Clayey Sand	

### IV. Water Level Measurement Symbol:

WL – Water Level	BCR – Before Casing Removal
WS – While Sampling	ACR – After Casing Removal
WD – While Drilling	WCI – Wet Cave In
	DCI – Dry Cave In

The water levels are those water levels actually measured in the borehole at the times indicated by the symbol. The measurements are relatively reliable when augering, without adding fluids, in a granular soil. In clays and plastic silts, the accurate determination of water levels may require several days for the water level to stabilize. In such cases, additional methods of measurement are generally applied.



February 8, 2022

**CGMT Project No.: 22E0124**

Ms. Athi Toufexis, AIA, ALEP, LEED-AP  
StudioGC Architecture + Interiors  
223 W. Jackson Boulevard, Suite 1200  
Chicago, Illinois 60606

**RE: Limited Environmental Screening and Soil Laboratory Testing**  
Paving Improvements Replacement  
3925 W. Lunt Avenue – Lincolnwood, Illinois 60712

Dear Ms. Toufexis:

Construction & Geotechnical Material Testing, Inc. (CGMT) is pleased to provide you the test results for the limited environmental screening for on-site soil at the project site for contamination of soil with other clean construction or demolition debris (CCDD) in accordance with Section 22.51(f)(2)(B) of the Environmental Protection Act [415 ILCS 5/22.51(f)(2)(B)].

CGMT understands that the spoils from your proposed excavation activities during the construction at the above referenced project in Lincolnwood, Illinois will be hauled off site. To evaluate the soils, CGMT performed a limited soil sampling and testing analysis.

In general, the material sampled consisted of brown and/or gray silty clay loam soils. Due to the similar soils encountered to the approximate depth of 5 feet below ground surface, CGMT collected one (1) independent grab sample. The attached location map depicts the approximate locations of the samples.

CGMT obtained the soil sample of on-site materials readily accessible to a hand auger. The soil sample was sealed in containers and returned to our laboratory subcontractor to perform laboratory testing. The sample was tested for the following parameters:

- VOCs
- SVOCs
- PCB's
- Pesticides
- RCRA Metals
- Cyanide; and
- pH



Based on the test results, in general, the soil sample exhibited an absence of detections for most target analytes and detect values below the threshold values for each of the items listed above when compared to Maximum Allowable Concentrations of Chemical Constituents in Uncontaminated Soil Used as Fill Material at Regular Fill Operations within a populated area and at pH range of 6.25 to 9.0. Based on review of the above mentioned target list, the soils appear acceptable for disposal.

It should be noted that CGMT acquired the sample from readily accessible areas. If, during construction, soils that are stained and/or exhibit odors are encountered, removal operations should be immediately suspended and additional sampling and testing should be performed prior to resuming removal operations. Please note that CCDD/UFSO facilities screen each load with a PID, which will determine the final acceptance of individual loads, regardless of the analytical results.

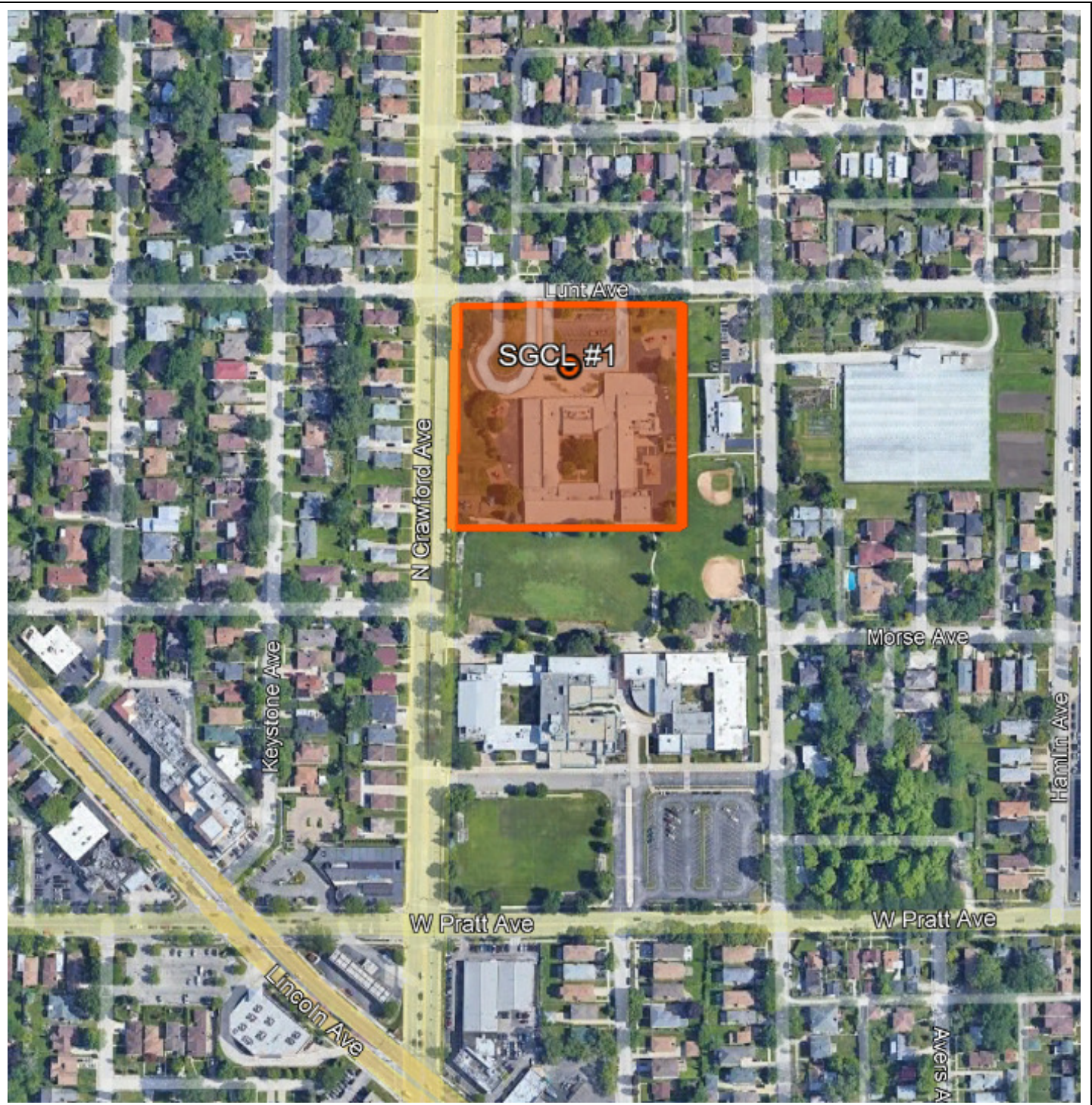
We look forward to our work with you on this project and future projects.

Respectfully Submitted,



**CONSTRUCTION AND GEOTECHNICAL MATERIAL TESTING, INC.**

Pratik K. Patel, P.E.  
Vice President

Attachments:    Location Maps  
                      IEPA Form LPC-663  
                      Laboratory Test Results



**GENERAL LOCATION PLAN**

-  - Approximate Sample Location
-  - Acceptable CCDD Material



**CGMT Project No. 22E0124  
Paving Improvements  
Replacement  
3925 W. Lunt Avenue,  
Lincolnwood, Cook County,  
Illinois 60712**



# Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

## Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

### I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: Paving Improvements Replacement Office Phone Number, if available: \_\_\_\_\_

Physical Site Location (address, including number and street):

3925 W. Lunt Avenue

City: Lincolnwood State: IL Zip Code: 60712

County: Cook Township: Niles

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.00768 Longitude: - 87.72762

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS  Map Interpolation  Photo Interpolation  Survey  Other

Google Earth

IEPA Site Number(s), if assigned: BOL: \_\_\_\_\_ BOW: \_\_\_\_\_ BOA: \_\_\_\_\_

Approximate Start Date (mm/dd/yyyy): \_\_\_\_\_ Approximate End Date (mm/dd/yyyy): \_\_\_\_\_

Estimated Volume of debris (cu. Yd.): \_\_\_\_\_

### II. Owner/Operator Information for Source Site

Site Owner

Name: Lincolnwood School District 74

Street Address: 6950 N. East Prairie Road

PO Box: \_\_\_\_\_

City: Lincolnwood State: IL

Zip Code: 60712 Phone: \_\_\_\_\_

Contact: \_\_\_\_\_

Email, if available: \_\_\_\_\_

Site Operator

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

Street Address: \_\_\_\_\_

PO Box: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip Code: \_\_\_\_\_ Phone: \_\_\_\_\_

Contact: \_\_\_\_\_

Email, if available: \_\_\_\_\_

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Uncontaminated Soil Certification

**III. Basis for Certification and Attachments**

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

CGMT performed a limited exploration to evaluate on-site condition and potential PIPs. Due to the similar soils, brown and/or gray silty clay loam and anticipated quantity of excavation, one (1) soil sample was collected for the indicator contaminants associated with the identified PIPs. An attached location map indicates the approximate location of the sample.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201 (g), 1100.205(a), 1100.610]:

See attached cover sheet for testing and analysis process.

**IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist**

I, Pratik K. Patel, P.E. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

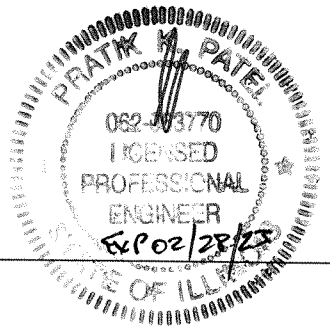
Company Name: Construction & Geotechnical Material Testing, Inc.  
Street Address: 60 Martin Lane  
City: Elk Grove Village State: IL Zip Code: 60007  
Phone: 630.595.1111

Pratik K. Patel, P.E.  
Printed Name: \_\_\_\_\_



\_\_\_\_\_  
Licensed Professional Engineer or  
Licensed Professional Geologist Signature:

Feb 8, 2022  
Date:



\_\_\_\_\_  
P.E or L.P.G. Seal: \_\_\_\_\_



February 08, 2022

Ms. Lenny Haken  
**CGMT, INC.**  
60 Martin Lane  
Elk Grove Village, IL 60007

Project ID: PO# 22E0124, Studio GC Lincolnwood, IL  
First Environmental File ID: 22-0616  
Date Received: January 31, 2022

Dear Ms. Lenny Haken:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number:

1002922021-7: effective 06/25/2021 through 02/28/2022.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn  
Project Manager



### Case Narrative

**CGMT, INC.**

Lab File ID: **22-0616**

Project ID: **PO# 22E0124, Studio GC Lincolnwood, IL**

Date Received: **January 31, 2022**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The results in this report apply to the samples in the following table:

Laboratory Sample ID	Client Sample Identifier	Date/Time Collected	
22-0616-001	SGCL #1	01/28/22	11:00

**Sample Batch Comments:**

Sample acceptance criteria were met.

---



### Case Narrative

**CGMT, INC.**

Lab File ID: **22-0616**

Project ID: **PO# 22E0124, Studio GC Lincolnwood, IL**

Date Received: **January 31, 2022**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

The following is a definition of flags that may be used in this report:

Flag	Description	Flag	Description
A	Method holding time is 15 minutes from collection. Lab analysis was performed as soon as possible.		
B	Analyte was found in the method blank.	L	LCS recovery outside control limits.
<	Analyte not detected at or above the reporting limit.	M	MS recovery outside control limits; LCS acceptable.
C	Sample received in an improper container for this test.	P	Chemical preservation pH adjusted in lab.
D	Surrogates diluted out; recovery not available.	Q	Result was determined by a GC/MS database search.
E	Estimated result; concentration exceeds calibration range.	S	Analysis was subcontracted to another laboratory.
G	Surrogate recovery outside control limits.	T	Result is less than three times the MDL value.
H	Analysis or extraction holding time exceeded.	W	Reporting limit elevated due to sample matrix.
I	ICVS % rec outside 95-105% but within 90-110%		
J	Estimated result; concentration is less than routine RL but greater than MDL.	N	Analyte is not part of our NELAC accreditation or accreditation may not be available for this parameter.
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.



### Analytical Report

**Client:** CGMT, INC.  
**Project ID:** PO# 22E0124, Studio GC Lincolnwood, IL  
**Sample ID:** SGCL #1  
**Sample No:** 22-0616-001

**Date Collected:** 01/28/22  
**Time Collected:** 11:00  
**Date Received:** 01/31/22  
**Date Reported:** 02/08/22

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Solids, Total</b>	<b>Method: 2540G 2011</b>			
Analysis Date: 02/02/22				
Total Solids	82.92		%	

<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 02/03/22				
Acetone	< 200	200	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



### Analytical Report

**Client:** CGMT, INC.  
**Project ID:** PO# 22E0124, Studio GC Lincolnwood, IL  
**Sample ID:** SGCL #1  
**Sample No:** 22-0616-001

**Date Collected:** 01/28/22  
**Time Collected:** 11:00  
**Date Received:** 01/31/22  
**Date Reported:** 02/08/22

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Volatile Organic Compounds</b>		<b>Method: 5035A/8260B</b>		
Analysis Date: 02/03/22				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>
Analysis Date: 02/03/22				
Preparation Date: 02/02/22				
Acenaphthene	< 330	330	ug/kg	
Acenaphthylene	< 330	330	ug/kg	
Anthracene	< 330	330	ug/kg	
Benzidine	< 330	330	ug/kg	
Benzo(a)anthracene	< 330	330	ug/kg	
Benzo(a)pyrene	< 90	90	ug/kg	
Benzo(b)fluoranthene	< 330	330	ug/kg	
Benzo(k)fluoranthene	< 330	330	ug/kg	
Benzo(ghi)perylene	< 330	330	ug/kg	
Benzoic acid	< 330	330	ug/kg	
Benzyl alcohol	< 330	330	ug/kg	
bis(2-Chloroethoxy)methane	< 330	330	ug/kg	
bis(2-Chloroethyl)ether	< 330	330	ug/kg	
bis(2-Chloroisopropyl)ether	< 330	330	ug/kg	
bis(2-Ethylhexyl)phthalate	< 330	330	ug/kg	
4-Bromophenyl phenyl ether	< 330	330	ug/kg	
Butyl benzyl phthalate	< 330	330	ug/kg	
Carbazole	< 330	330	ug/kg	
4-Chloroaniline	< 330	330	ug/kg	
4-Chloro-3-methylphenol	< 330	330	ug/kg	
2-Chloronaphthalene	< 330	330	ug/kg	
2-Chlorophenol	< 330	330	ug/kg	
4-Chlorophenyl phenyl ether	< 330	330	ug/kg	
Chrysene	< 330	330	ug/kg	
Dibenzo(a,h)anthracene	< 90	90	ug/kg	
Dibenzofuran	< 330	330	ug/kg	
1,2-Dichlorobenzene	< 330	330	ug/kg	
1,3-Dichlorobenzene	< 330	330	ug/kg	
1,4-Dichlorobenzene	< 330	330	ug/kg	
3,3'-Dichlorobenzidine	< 660	660	ug/kg	
2,4-Dichlorophenol	< 330	330	ug/kg	



**Analytical Report**

**Client:** CGMT, INC.  
**Project ID:** PO# 22E0124, Studio GC Lincolnwood, IL  
**Sample ID:** SGCL #1  
**Sample No:** 22-0616-001

**Date Collected:** 01/28/22  
**Time Collected:** 11:00  
**Date Received:** 01/31/22  
**Date Reported:** 02/08/22

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>	<b>Method: 8270C</b>	<b>Preparation Method 3540C</b>		
Analysis Date: 02/03/22		Preparation Date: 02/02/22		
Diethyl phthalate	< 330	330	ug/kg	
2,4-Dimethylphenol	< 330	330	ug/kg	
Dimethyl phthalate	< 330	330	ug/kg	
Di-n-butyl phthalate	< 330	330	ug/kg	
4,6-Dinitro-2-methylphenol	< 1,600	1600	ug/kg	
2,4-Dinitrophenol	< 1,600	1600	ug/kg	
2,4-Dinitrotoluene	< 250	250	ug/kg	
2,6-Dinitrotoluene	< 260	260	ug/kg	
Di-n-octylphthalate	< 330	330	ug/kg	
Fluoranthene	< 330	330	ug/kg	
Fluorene	< 330	330	ug/kg	
Hexachlorobenzene	< 330	330	ug/kg	
Hexachlorobutadiene	< 330	330	ug/kg	
Hexachlorocyclopentadiene	< 330	330	ug/kg	
Hexachloroethane	< 330	330	ug/kg	
Indeno(1,2,3-cd)pyrene	< 330	330	ug/kg	
Isophorone	< 330	330	ug/kg	
2-Methylnaphthalene	< 330	330	ug/kg	
2-Methylphenol	< 330	330	ug/kg	
3 & 4-Methylphenol	< 330	330	ug/kg	
Naphthalene	< 330	330	ug/kg	
2-Nitroaniline	< 1,600	1600	ug/kg	
3-Nitroaniline	< 1,600	1600	ug/kg	
4-Nitroaniline	< 1,600	1600	ug/kg	
Nitrobenzene	< 260	260	ug/kg	
2-Nitrophenol	< 1,600	1600	ug/kg	
4-Nitrophenol	< 1,600	1600	ug/kg	
n-Nitrosodi-n-propylamine	< 90	90	ug/kg	
n-Nitrosodimethylamine	< 330	330	ug/kg	
n-Nitrosodiphenylamine	< 330	330	ug/kg	
Pentachlorophenol	< 330	330	ug/kg	
Phenanthrene	< 330	330	ug/kg	
Phenol	< 330	330	ug/kg	
Pyrene	< 330	330	ug/kg	
Pyridine	< 330	330	ug/kg	
1,2,4-Trichlorobenzene	< 330	330	ug/kg	



### Analytical Report

**Client:** CGMT, INC.  
**Project ID:** PO# 22E0124, Studio GC Lincolnwood, IL  
**Sample ID:** SGCL #1  
**Sample No:** 22-0616-001

**Date Collected:** 01/28/22  
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**Date Received:** 01/31/22  
**Date Reported:** 02/08/22

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Semi-Volatile Compounds</b>		<b>Method: 8270C</b>		<b>Preparation Method 3540C</b>
Analysis Date: 02/03/22				Preparation Date: 02/02/22
2,4,5-Trichlorophenol	< 330	330	ug/kg	
2,4,6-Trichlorophenol	< 330	330	ug/kg	
<b>Pesticides/PCBs</b>		<b>Method: 8081A/8082</b>		<b>Preparation Method 3540C</b>
Analysis Date: 02/04/22				Preparation Date: 02/01/22
Aldrin	< 8.0	8.0	ug/kg	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	
alpha-BHC	< 2.0	2.0	ug/kg	
beta-BHC	< 8.0	8.0	ug/kg	
delta-BHC	< 8.0	8.0	ug/kg	
gamma-BHC (Lindane)	< 8.0	8.0	ug/kg	
alpha-Chlordane	< 80.0	80.0	ug/kg	
gamma-Chlordane	< 80.0	80.0	ug/kg	
4,4'-DDD	< 16.0	16.0	ug/kg	
4,4'-DDE	< 16.0	16.0	ug/kg	
4,4'-DDT	< 16.0	16.0	ug/kg	
Dieldrin	< 16.0	16.0	ug/kg	
Endosulfan I	< 8.0	8.0	ug/kg	
Endosulfan II	< 16.0	16.0	ug/kg	
Endosulfan sulfate	< 16.0	16.0	ug/kg	
Endrin	< 16.0	16.0	ug/kg	
Endrin aldehyde	< 16.0	16.0	ug/kg	
Endrin ketone	< 16.0	16.0	ug/kg	
Heptachlor	< 8.0	8.0	ug/kg	
Heptachlor epoxide	< 8.0	8.0	ug/kg	
Methoxychlor	< 80.0	80.0	ug/kg	
Toxaphene	< 160	160	ug/kg	

**Total Metals**  
 Analysis Date: 02/03/22

**Method: 6010C**

**Preparation Method 3050B**  
 Preparation Date: 02/03/22

Arsenic	5.2	1.0	mg/kg	59
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**First  
Environmental  
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

**Analytical Report**

**Client:** CGMT, INC.  
**Project ID:** PO# 22E0124, Studio GC Lincolnwood, IL  
**Sample ID:** SGCL #1  
**Sample No:** 22-0616-001

**Date Collected:** 01/28/22  
**Time Collected:** 11:00  
**Date Received:** 01/31/22  
**Date Reported:** 02/08/22

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
<b>Total Metals</b> Analysis Date: 02/03/22	<b>Method: 6010C</b>	<b>Preparation Method 3050B</b> Preparation Date: 02/03/22		
Barium	54.8	0.5	mg/kg	
Cadmium	0.7	0.5	mg/kg	
Chromium	17.3	0.5	mg/kg	
Lead	12.6	0.5	mg/kg	
Selenium	< 1.0	1.0	mg/kg	
Silver	< 0.2	0.2	mg/kg	
<b>Total Mercury</b> Analysis Date: 02/03/22	<b>Method: 7471B</b>			
Mercury	< 0.05	0.05	mg/kg	
<b>pH @ 25°C, 1:2</b> Analysis Date: 02/03/22 14:40	<b>Method: 9045D</b>			
pH @ 25°C, 1:2	8.03		Units	
<b>Cyanide, Total</b> Analysis Date: 02/07/22	<b>Method: 9010B/9014</b>			
Cyanide, Total	< 0.10	0.10	mg/kg	





## Executive Summary Facilities Committee Meeting

DATE: February 15, 2022

TOPIC: Rutledge Hall Elevator Modernization & 5-Year District Elevator Maintenance Bid Results

PREPARED BY: Courtney Whited

### Recommended for:

- Action
- Discussion
- Information

### Purpose/Background:

Three companies submitted a bid in order to serve the District's elevator needs which were:

- a) The modernization of Rutledge Hall's Dover elevator in summer 2022
- b) 5-years of maintenance service with one vendor, instead of two vendors

TK Elevator Corporation was the responsible bidder with the lowest pricing.

Please see the attachments for additional information.

### Fiscal Impact:

\$58,222 for Rutledge Hall elevator modernization

\$ 2,280 (Lincoln Hall elevator maintenance @ \$190/month during first year)

\$ 0 (Rutledge Hall elevator maintenance will be free for the first year)

=====

**\$60,502.00 for the first year April 2022-March 2023, then maintenance will increase by 3%**

\$4,696.80 for 2023-2024

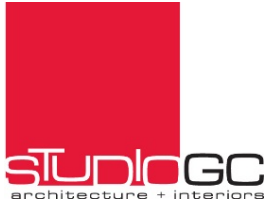
\$4,837.70 for 2024-2025

\$4,982.84 for 2025-2026

\$5,132.32 for 2026-2027

### Recommendation:

The Facilities Committee concurs with the Administration to recommend to the Board of Education to approve the Contract from TKE for Rutledge Hall elevator modernization and five years of Lincoln Hall and Rutledge Hall's elevator maintenance in the amount of \$60,502.



223 W. Jackson Blvd., Suite 1200  
Fax: 312.253.3401  
Chicago, IL 60606  
Phone: 312.253.3400

February 4, 2022

Mrs. Courtney Whited  
Business Manager/CSBO  
Lincolnwood School District 74  
6950 N. East Prairie Road  
Lincolnwood, IL 60712

RE: Elevator Modernization and Service Agreement  
Project No. 21087

Dear Mrs. Whited:

Bids for the above referenced project were received at 2:00 p.m. on Monday, January 10, 2022. Three (3) bids were received. A bid tabulation sheet is herein attached for your review.

We have analyzed the bids and the qualifications of the bidders and recommend that the contract for the Elevator Modernization and Service Agreement project be awarded to **TKE Elevator** if the project is approved to proceed. Their bid for the Rutledge Hall modernization is \$58,222,000. Their bid for the Lincoln Hall & Rutledge Hall Service & Maintenance is \$4,560.00 (for the first year). Upon discussions during our bid review, TKE Elevator has offered to include 12-months of free maintenance on the Rutledge Hall elevator as part of their modernization bid. As a result, they proposed a revised price for the Service & Maintenance first year costs of \$2,280. Therefore, their total bid amount for both bids, which includes year 1 maintenance and service, is **\$60,502.00**.

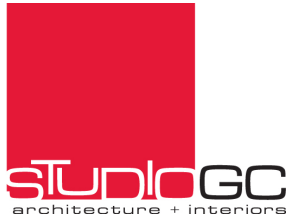
Please do not hesitate to contact me if you have any questions.

Sincerely,

Athi Toufexis, AIA, ALEP, LEED-AP

Enclosure – Bid Tabulation  
Memos re: non-proprietary equipment  
Correspondence re: updated service & maintenance costs

cc: Pat Callahan, ALEP, AIA, LEED-AP, StudioGC  
Vicki Luczynski, StudioGC



223 W. Jackson Blvd., Suite 1200  
 Chicago, IL 60606  
 P: 312.253.3400

**Client:** Lincolnwood SD74  
**Project Name:** Elevator Modernization and Service Agree.

**Project No.:** 21087  
**Bid Date:** Monday, January 10, 2022 @ 2:00pm  
**Project Architect:** Athi Toufexis

### BID TAB WORKSHEET

Contractor	Specification A:	Specification B:	Bid Bond	Remarks
	Modernization	Service & Maintenance		
Otis Elevator	\$67,500.00	\$4,320.00	X	
Total Elevator	\$67,000.00	\$4,780.00	X	
TKE Elevator	\$58,222.00	\$4,560.00		



To: Whom it may concern  
From Jon Clarine  
Date: 09/27/2016  
Re: TAC 32 and Non-Proprietary

ThyssenKrupp Manufacturing is committed to providing elevator control systems that are non-proprietary. We understand the owner's need to have an elevator controller that in no way limits their rights of ownership. When we sell an elevator controller we can provide the owner with all necessary hardware and information to fully maintain the elevator. The freedom to choose who and under what conditions service and repairs are preformed is fully guaranteed when you select a TAC 32 control system.

TAC 32 is a non-proprietary controller. A proprietary controller is generally defined as:

*"A controller requiring special electronic tooling available only to the original manufacturer and where technical information and parts are not made available to the owner."*

While we have a non-proprietary controller, ThyssenKrupp does have parts of the controller manufactured by us and only available from ThyssenKrupp. This is true of most elevator controller manufacturers. No one uses completely generic circuit boards. Our circuit boards are designed by us for specific use in the TAC 32 controller. However, these parts are readily available to the owner.

Why is TAC 32 a non-proprietary controller?

Three key factors determine if an elevator controller is non-proprietary.

- **Are Spare parts available?**  
TAC 32 replacement parts (all circuit boards and components) are available through our established Parts purchasing procedure. No "exchange only" policy is in place to limit the purchase of parts. All parts needed by the owner are readily available. The User Interface Tool (part # 6300 PE1) is available as a replacement part.

- **Is a diagnostic/service tool available?**  
All TAC 32 controllers have an onboard diagnostic, adjustment and troubleshooting tool. This onboard tool is shipped as part of the controller and allows unrestricted access needed to install, adjust and maintain the TAC 32 controller. The tool does not expire or require periodic upgrades of any kind. If the tool is damaged it can be replaced as any other part.
- **Is complete documentation available?**  
Complete installation and adjustment manuals and wiring diagrams are available and will be provided to the owner when requested. All documentation required to install and maintain a TAC 32 controller is available for the owner.

If you have any questions, please contact me.

Jon Clarine  
Director, Product Lifecycle Management

**ThyssenKrupp Elevator Americas**  
11605 Haynes Bridge Rd., Suite 650  
Alpharetta, GA, 30009

Office: (770) 238-1312

[www.thyssenkruppelevator.com](http://www.thyssenkruppelevator.com)

TK Elevator North America | 788 Circle 75 Parkway SE Suite 500 |  
Atlanta, GA 30339 USA

Tiffany Judd  
P +1 901 431 3438  
tiffany.judd@tkelevator.com  
01.18.2022

---

## Product Lifecycle Management

TAC32T / TAC32H and maintainability by others

TK Elevator Manufacturing, Inc. (“TKE”) is committed to providing elevator control systems that are capable of being maintained by a variety of elevator maintenance vendors. We understand an owner’s desire to have choices when it comes to who can maintain its elevator equipment. Accordingly, when we sell an elevator controller we can provide a variety of hardware and information to promote the freedom of an owner to choose who and under what conditions service and repairs of its TAC32 control system are performed.

What follows is a list of frequently asked questions and answers regarding this pledge:

- Are spare parts available?  
Replacement parts needed to maintain both the controller and the rest of the elevator system, including the User Interface Tool (part number 6300 PE1) and replacement circuit boards, are available through Vertical Express, our established on-line parts warehouse.
- Is a diagnostic / service tool available?  
All TAC32T / TAC32H controllers have an onboard diagnostic, adjustment and troubleshooting tool which we refer to as the User Interface Tool (the “UIT”). The UIT is shipped as part of the controller and allows access needed to install, adjust, and maintain the controller. The UIT does not expire or require periodic upgrades of any kind. If the tool is damaged, it can easily be replaced.
- Are engineering design files and source code required to maintain the system?  
Software source code (such as .c files) and engineering design files (such as Gerber files) are not required to install, adjust, or maintain the elevator system.
- Is technical support available?  
“In warranty” phone-based support is available through TKE’s International Technical Services which be reached by calling 844-427-5461. For support on units that are outside of the warranty period, please contact your local TKE branch.

- Is product documentation available?

Product documentation, including wiring diagrams, fault code information for the User Interface Tool and access to perform code required periodic testing, is provided with every job for use only by trained elevator technicians.

We look forward to earning your satisfaction with our vertical transportation products. In the event you have any questions regarding this memorandum, please feel free to contact me at 1-901-431-3438.

Kind Regards,  
Tiffany Judd  
Head of Product Lifecycle Management



# TAC32 HYDRAULIC CONTROLLER

## Improves performance

Our advanced controller for hydraulic elevators offers increased reliability, reduced wiring and optimized efficiency through its 32-bit microprocessor. The TAC controller is built with pride at our U.S. manufacturing facility.

The controllers can also include MAX, the elevator industry’s first time real-time, cloud-connected predictive maintenance solution. MAX alerts technicians to potential problems before breakdowns happen. This revolutionary technology can reduce elevator downtime by up to 50 percent.

TAC controllers are used in endura elevators, endura MRL control system installations and in H-Power modernization packages.

Specifications	
Maximum car speed:	200 fpm (1 m/s)
Maximum travel:	Dependent on diameter of jack, up to 60'0" (18.3 m)
Capacity:	5000 lbs. (2268 kg) pre-engineered and custom capacities to and beyond 10,000 lbs. (4536 kg) are available
Motor control:	Solid-state soft starter/across the line
Positioning system:	Steel tape selector/magnetic sensors
Diagnostics and adjustment tools:	UIT/IMS laptop
Environment:	50°–90°F (10° - 32.2° C)
Standard enclosure:	28" (0.7 m) x 33" (0.8 m) x 9" (0.2 m)
Power supply:	208–600 voltage, 50–60 Hz, single-phase or three-phase

- Performance
- Safety
- Code
- Aesthetics
- Sustainability

# Benefits

## Efficiency

- Handles complex algorithms at an accelerated rate with a powerful 32-bit microprocessor. Reduces standby energy use and improves processing.

## Quick installation:

- Common hardware platform
- Hoistway wiring with intuitive color-coded connectors and micro-wiring instructions
- Simplified hall fixture wiring uses modular pluggable cable
- Universal I/O hall boards provide 16 discrete I/O's with the option to add more

## Non-proprietary user interface tool (UIT)

- User-friendly, on-board UIT with unrestricted access provides all the diagnostic equipment required for installation, adjustment and service.

## CANBUS technology:

- Performs in difficult electrical environments
- Real-time error detection and fault confinement capabilities
- Less wires and electronics that are fully interchangeable, creating a flexible system for simple future upgrades

## Solid-state technology:

- Solid-state electronics replace outdated relay logic and eliminate moving parts, reducing wear and tear.

## Distributed control system:

- Integral group operation eliminates a separate group controller.

## Applications:

- Low- and mid-rise buildings

## Configuration:

- Simplex or group operation

## Compliance:

- ASME A17.1 code. ETL-certified to CSA B44.1-11/ASME A17.5-2011

## Serial hall fixtures:

- ASME A17.1-2013 compliant

## Optional features:

- Battery lowering kit
- MAX
- Code Blue
- Intelligent monitoring system
- Hospital emergency service
- Infant security



For more information, visit [www.tkelevator.com/us](http://www.tkelevator.com/us) or contact your sales representative.

## Athi Toufexis

---

**From:** Altobelli, Michael <mike.altobelli@tkelevator.com>  
**Sent:** Friday, February 4, 2022 1:12 PM  
**To:** Athi Toufexis  
**Cc:** McElroy, Daniel  
**Subject:** RE: Bid review - Lincolnwood SD74

CAUTION: External Email.

Correct.

Regards,

Mike Altobelli  
Modernization Sales, Chicago

+1 331-481-1675, mike.altobelli@tkelevator.com, TK Elevator Corporation

---

**From:** Athi Toufexis <a.toufexis@studiogc.com>  
**Sent:** Friday, February 4, 2022 1:10 PM  
**To:** Altobelli, Michael <mike.altobelli@tkelevator.com>  
**Cc:** McElroy, Daniel <daniel.mcelroy@tkelevator.com>  
**Subject:** RE: Bid review - Lincolnwood SD74

This message was sent from outside the company. Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.

Thank you Mike. So, just to confirm, if modernization and service agreement are awarded, the total award/contract amount (for the mod plus first year) would be \$58,222 + \$2,280 = \$60,502?

Athi Toufexis, AIA, ALEP, LEED-AP  
**StudioGC architecture + interiors**  
223 W Jackson Blvd. | Suite 1200  
Chicago, Illinois 60606  
direct: 312.253.3433 | cell: 224.522.5122  
[www.studiogc.com](http://www.studiogc.com) | Follow us @Studio\_GC

---

**From:** Altobelli, Michael <[mike.altobelli@tkelevator.com](mailto:mike.altobelli@tkelevator.com)>  
**Sent:** Friday, February 4, 2022 12:02 PM  
**To:** Athi Toufexis <[a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com)>  
**Cc:** McElroy, Daniel <[daniel.mcelroy@tkelevator.com](mailto:daniel.mcelroy@tkelevator.com)>  
**Subject:** RE: Bid review - Lincolnwood SD74

CAUTION: External Email.

Athi,

My apologies. I made a typo error with my first line clarification. See below in **red** for the correct revised price offering.

Regards,

Mike Altobelli  
Modernization Sales, Chicago

+1 331-481-1675, mike.altobelli@tkelevator.com, TK Elevator Corporation

---

**From:** Altobelli, Michael  
**Sent:** Friday, February 4, 2022 11:09 AM  
**To:** Athi Toufexis <[a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com)>  
**Cc:** McElroy, Daniel <[daniel.mcelroy@tkelevator.com](mailto:daniel.mcelroy@tkelevator.com)>  
**Subject:** RE: Bid review - Lincolnwood SD74

Hello Athi,

Thank you for connecting yesterday. I hope you were pleased with the call and the information we provided. If there are any additional clarifications needed, please let me know. Below is a summary of our official follow up response to this bid package,

- TK Elevator is offering to lower the first year maintenance amount to **\$4,320.00** (\$180/month each elevator).
- However, if TK Elevator is awarded both the maintenance and modernization, we will provide 12-months free maintenance of the new modernized elevator during the warranty period. This will deduct our first year maintenance price to \$2,280.00. Following the warranty period, billing will commence as normal for both Rutledge Hall and Lincoln Hall.
- TK Elevator is providing a non-proprietary TAC32 controller. See attached letters for reference. We are the OEM of Dover equipment.

We look forward to hearing back on this.

Regards,

Mike Altobelli  
Modernization Sales, Chicago

+1 331-481-1675, mike.altobelli@tkelevator.com, TK Elevator Corporation

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**From:** Athi Toufexis <[a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com)>  
**Sent:** Wednesday, February 2, 2022 10:07 AM  
**To:** Altobelli, Michael <[mike.altobelli@tkelevator.com](mailto:mike.altobelli@tkelevator.com)>  
**Subject:** RE: Bid review - Lincolnwood SD74

You don't often get email from [a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com). [Learn why this is important](#)

This message was sent from outside the company. Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.

Here is the submitted bid, Mike. Unfortunately, the only meeting I already have scheduled tomorrow is from 9am-10:30am. Is there another time that works for you?

Athi Toufexis, AIA, ALEP, LEED-AP  
**StudioGC architecture + interiors**  
223 W Jackson Blvd. | Suite 1200


## EXHIBIT A – BID FORM

Lincolnwood School District No. 74  
ELEVATOR MODERNIZATION AND SERVICE AGREEMENT  
 Commencing April 1, 2022

After having read all the specifications and instructions for bidders and understanding same, I hereby submit the following bid(s) for the elevator modernization and service needs of School District No. 74 in accordance with said Specifications, including bonds and insurance as stated in the Specifications:

<b>Specification A: Modernization of the Rutledge Hall Elevator</b>	<b>FIXED PRICE</b>
<i>Including all parts, labor, materials, supplies, tools, equipment, and consumables.</i>	\$ 58,222
<b>Specification B: Regular Service and Maintenance of Both the Rutledge Hall and Lincoln Hall Elevators</b>	<b>ANNUAL PRICE – Year 1</b>
<i>Including all labor, materials, supplies, tools, equipment, and consumables, but not including the cost of replacement parts.</i>	\$ 4,560

I acknowledge that Specifications A and B may be awarded separately. I acknowledge that the annual price in succeeding years under Specification B may be increased only in accordance with the terms of the Specifications stated in the Request for Bids, for a maximum term of five (5) years. Should this firm be selected, this firm will enter into an agreement substantially in accordance with the terms described in the specifications and subject to approval by the legal counsel for School District No. 74.

  
 SIGNED  
DAVID FERRAN  
 PRINT NAME OF SIGNATORY  
TK Elevator  
 COMPANY NAME  
3600 Lacey Rd, Suite 100  
 ADDRESS  
Downers Grove, IL 60515  
 CITY STATE ZIP  
Brad Barton  
 NAME OF CONTACT PERSON

1/6/2022  
 DATE  
BRANCH MANAGER  
 PRINT TITLE OF SIGNATORY  
621211267  
 FEIN  
331.703.1293  
 PHONE  
 \_\_\_\_\_  
 FAX  
brad.barton@tkelevator.com  
 CONTACT PERSON'S EMAIL

## EXHIBIT A – BID FORM

### REFERENCES

Provide up to five (5) references of Illinois based school district, government, or commercial customers with similar service agreements that you have been serving for a minimum of twenty-four (24) months:

	School District	Contact Name, Address	Contact Phone, Email	Annual Terms
1.	SD 74 - Rutledge Hall	Jim Caldwell	224.636.3370 j.caldwell@sd74.org	3
2.	Wilmette SD 39	Stan Stankiewicz	847.815.3415	5
3.	Glenview School	Jeff Springer	847.533.2767	5
4.	Glencoe Schools	Gayle Stone	847.835.7815	5
5.	Woodland School Dist 50	Bob Adamik	847.343.7299	5

**THE BOARD OF EDUCATION OF LINCOLNWOOD SCHOOL DISTRICT NO. 74 RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS OR ANY PART THEREOF, TO WAIVE ANY INFORMALITIES, ERRORS OR IRREGULARITY IN BIDS RECEIVED OR IN THE BIDDING PROCESS, AND TO ACCEPT THE BID OR BIDS THAT THE BOARD OF EDUCATION DEEMS THE MOST FAVORABLE TO ITS INTEREST AFTER ALL BIDS HAVE BEEN EXAMINED AND CANVASSED. THE BOARD RESERVES THE RIGHT TO ENTER INTO DISCUSSIONS OR NEGOTIATIONS WITH ONE OR MORE QUALIFIED VENDORS AT ANY TIME.**

Initialed: DPF                      TK ELEVATOR                      1/6/2022  
SIGNATORY                      COMPANY                      DATE

### BID SECURITY

A bid security in the form of a Bid Bond or cashier's check in an amount not less than 10% of the Bid Price (Specification A and the first-year fixed price under Specification B) is included with this proposal. Bid Security may be forfeited if a bidder does not meet specifications.

Signature: [Signature]                      Date: 1.6.22

## EXHIBIT A – BID FORM

### ANTI-COLLUSION CERTIFICATION OF COMPLIANCE

Brad Barton  
(print name)

, being first duly sworn, deposes and says:

that he/she is an authorized representative of TK Elevator, (name of company) the party making the foregoing proposal, that such proposal is genuine and not collusive, or sham; that said proposer has not colluded, conspired, connived or agreed, directly or indirectly, with any proposer or person, to put in a sham proposal or to refrain from proposing, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person; to fix the proposal price element of said proposal, or of that of any other proposer, or to secure any advantages against any other proposer or any person interested in the proposed contract.

Signature:  Date: 1.6.22

### CERTIFICATE OF ELIGIBILITY TO BID

Brad Barton (TKE) (bidder), pursuant to Section 33E-11 of the Illinois Criminal Code of 1961, as amended, hereby certifies that neither he/she/its partners, officers, or owners of his/her/its business have been convicted in the past five (5) years of the offenses of bid-rigging under Section 33E-3 of the Illinois Criminal Code of 1961, as amended, and that neither he/she/its business has ever been convicted of the offense of bid-rotating under Section 33E-4 of the Illinois Criminal Code of 1961, as amended.

Signature:  Date: 1.6.22

### COMPLIANCE WITH ILLINOIS HUMAN RIGHTS ACT

The undersigned hereby certifies that my firm has complied with the requirements of the Illinois Human Rights Act (775 ILCS 5/1-101 et seq.), as amended, with respect to sexual harassment policies and equal employment opportunities. The terms of that law, as applicable, are hereby incorporated into this contract. The Board of Education states that it is in compliance with said law.

Signature:  Date: 1.6.22

## EXHIBIT A – BID FORM

### DRUG FREE WORKPLACE CERTIFICATION

Pursuant to 30 ILCS 580/1 *et seq.* ("Drug Free Workplace Act"), the undersigned certifies to the Board of Education it will provide a drug-free workplace by:

1. Publishing a statement: A. notifying employees that unlawful manufacture, distribution, possession, or use of a controlled substance, including cannabis, is prohibited in the Contractor's workplace; B. specifying actions that will be taken against employees for violations of this prohibition; C. notifying employees that, as a condition of employment on this contract, employees will: 1. abide by the terms of the statement, 2. notify the Contractor of any criminal drug statute conviction for a violation occurring in the workplace, no later than five (5) days after such conviction.

2. Establishing a drug-free awareness program to inform employees about: A. the dangers of drug abuse in the workplace; B. the Contractor's policy of maintaining a drug-free workplace; C. available drug counseling, rehabilitation, and employee assistance programs; D. penalties that may be imposed upon employees for drug violations.

3. Making it a requirement to give a copy of the statement in subsection "1" to each employee engaged in performance of the contract, and posting it in a prominent workplace location.

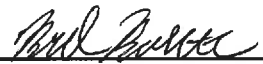
4. Notifying the District within ten days after receiving notice in subsection "1", paragraph "C", part "2", from an employee, or otherwise receiving actual notice of such conviction.

5. Imposing a sanction or requiring participation by a convicted employee, in a drug abuse rehabilitation program, as required by Section 5 of the Drug Free Workplace Act.

6. Assisting employees in selecting a course of action in the event drug counseling, treatment, and/or rehabilitation is required, and indicating that a trained referral team is in place.

7. Making a good-faith effort to maintain a drug-free workplace through implementation of Section 3 of the Drug Free Workplace Act.

Failure to abide by this Drug Free Workplace Certification will subject the contractor to penalties set forth in Sections 6, 7, and 8 of the Drug Free Workplace Act.

For: TK Elevator By:   
(company name) (signature)


Its: BRANCH MANAGER Date: 1/6/2022  
(owner, president, partner, etc.)

## EXHIBIT A – BID FORM

### CERTIFICATE OF COMPLIANCE CRIMINAL BACKGROUND CHECKS AND SEX OFFENDER DATABASE

The undersigned Contractor shall be responsible for conducting a criminal background check and a check of the Illinois Statewide Sex Offender Database as to all persons working within a school building or other indoor facility used for school purposes, and areas outside buildings and facilities, whether owned, leased or contracted by the School District. This includes all employees of the Contractor or any sub-contractor, all independent contractors, casual laborers, workers obtained through union halls or hiring halls, and all other individuals present on the School District's Property at any time during the performance of the Contract. No person shall be permitted to work on or within the School District's property who: 1) has been convicted of any of the enumerated criminal or drug offenses found in 105 ILCS 5/10-21.9(c), or 2) has been convicted, within seven (7) years of the date of this Certificate of Compliance, of any other felony under the laws of the State of Illinois or of any offense committed or attempted in any other state or against the laws of the United States that, if committed or attempted in the State of Illinois, would have been punishable as a felony under the laws of this State, or 3) is on the Illinois Sex Offender Database. The Contractor must maintain such records and may be required to submit copies of such records directly to the School District to verify that the criminal background/sex offender checks have been performed on all persons working on or within School District property. All such records must be updated at least every twelve months.

The School District reserves the right to order the Contractor to remove any person from the School District's work who the School District determines to be a threat to safety of students, School District employees, other workers, parents, visitors, or otherwise. All workers must follow School District policies, regulations and rules as to building access and security.

For: TK Elevator By:   
(company name) (signature)

Its: BRANCH MANAGER Date: 1/6/2022  
(owner, president, partner, etc.)

## **Bid Inclusions/Clarifications/Voluntary Alternates Lincolnwood School District - Elevator Modernization**

### **TKE Mod Clarifications**

- Related work will need to be done prior to elevator modernization i.e. fire alarm, electrical

### **STANDARD BID CLARIFICATIONS (Modernization)**

- These Standard Bid Clarifications shall be made a part of this bid and any subsequent Agreement issued pursuant to an award thereof, and in the event of conflict with other articles, terms, conditions or contract documents, these Standard Bid Clarifications shall prevail. Any clarifications presented by TK Elevator Corporation at the time of bid shall by this reference be incorporated herein and made a part hereof and shall govern in the event of conflict with other documents.
- These Standard Bid Clarifications are not all-inclusive, and TK Elevator Corporation submits these Standard Bid Clarifications with its bid with the understanding that the final Contract Documents, Terms, and Conditions are subject to review, further amendment, and approval by TK Elevator Corporation Contracts Department and shall not be binding until mutually agreed upon in writing by both parties.
- Any obligations of TK Elevator Corporation to indemnify, defend and hold any Indemnified Party or Parties harmless shall be limited to TK Elevator Corporation's own acts, omissions, or negligence, and shall in no way include for the acts, omissions, or negligence of an Indemnified Party, or for bare allegations.
- Any required parties shall be added to TK Elevator Corporation's general liability insurance policy as an additional insured, to be evidenced by TK Elevator Corporation's manuscript Additional Insured endorsement, subject to the limitations as hereafter set forth. Such additional insured coverage shall only apply to the extent any damages covered by the policy are determined to be caused by TK Elevator Corporation's acts, omissions or negligence, and shall not apply to the extent caused by the additional insured's own acts, omissions, or negligence, or for bare allegations. All aggregates shall apply on a per policy basis.
- Schedules and completion dates, and any changes thereto, shall be agreed to in writing by both parties before becoming effective, and progress of the work shall be upon reference thereto. TK Elevator Corporation shall automatically receive an extension of time commensurate with any delay not solely caused by TK Elevator Corporation.
- In no event shall TK Elevator Corporation be liable for any indirect, special, liquidated, incidental, exemplary or consequential damages, or for loss of use, loss of income, loss of opportunity, or other similar remote damages.
- Notwithstanding anything potentially implied from or expressly stated in language of the bid documents, in the event TK Elevator Corporation is maintaining the subject equipment under the current term of a maintenance agreement with Owner, such agreement shall remain in full force and effect in the event TK Elevator Corporation is not the successful bidder. In no event shall the submission of this bid response by TK Elevator Corporation be relied upon as a basis for the otherwise untimely termination of the current maintenance agreement. Such agreement shall terminate only in the event TK Elevator Corporation is the successful bidder, and all new agreements associated with such bid have been fully executed.

## **Bid Inclusions/Clarifications/Voluntary Alternates Lincolnwood School District - Elevator Modernization**

### **TKE Mod Clarifications**

- Related work will need to be done prior to elevator modernization i.e. fire alarm, electrical
- Surety bond will be provided at award

### **STANDARD BID CLARIFICATIONS (Modernization)**

- These Standard Bid Clarifications shall be made a part of this bid and any subsequent Agreement issued pursuant to an award thereof, and in the event of conflict with other articles, terms, conditions or contract documents, these Standard Bid Clarifications shall prevail. Any clarifications presented by TK Elevator Corporation at the time of bid shall by this reference be incorporated herein and made a part hereof and shall govern in the event of conflict with other documents.
- These Standard Bid Clarifications are not all-inclusive, and TK Elevator Corporation submits these Standard Bid Clarifications with its bid with the understanding that the final Contract Documents, Terms, and Conditions are subject to review, further amendment, and approval by TK Elevator Corporation Contracts Department and shall not be binding until mutually agreed upon in writing by both parties.
- Any obligations of TK Elevator Corporation to indemnify, defend and hold any Indemnified Party or Parties harmless shall be limited to TK Elevator Corporation's own acts, omissions, or negligence, and shall in no way include for the acts, omissions, or negligence of an Indemnified Party, or for bare allegations.
- Any required parties shall be added to TK Elevator Corporation's general liability insurance policy as an additional insured, to be evidenced by TK Elevator Corporation's manuscript Additional Insured endorsement, subject to the limitations as hereafter set forth. Such additional insured coverage shall only apply to the extent any damages covered by the policy are determined to be caused by TK Elevator Corporation's acts, omissions or negligence, and shall not apply to the extent caused by the additional insured's own acts, omissions, or negligence, or for bare allegations. All aggregates shall apply on a per policy basis.
- Schedules and completion dates, and any changes thereto, shall be agreed to in writing by both parties before becoming effective, and progress of the work shall be upon reference thereto. TK Elevator Corporation shall automatically receive an extension of time commensurate with any delay not solely caused by TK Elevator Corporation.
- In no event shall TK Elevator Corporation be liable for any indirect, special, liquidated, incidental, exemplary or consequential damages, or for loss of use, loss of income, loss of opportunity, or other similar remote damages.
- Notwithstanding anything potentially implied from or expressly stated in language of the bid documents, in the event TK Elevator Corporation is maintaining the subject equipment under the current term of a maintenance agreement with Owner, such agreement shall remain in full force and effect in the event TK Elevator Corporation is not the successful bidder. In no event shall the submission of this bid response by TK Elevator Corporation be relied upon as a basis for the otherwise untimely termination of the current maintenance agreement. Such agreement shall terminate only in the event TK Elevator Corporation is the successful bidder, and all new agreements associated with such bid have been fully executed.

**LEGAL NOTICE  
REQUEST FOR BIDS**

Lincolnwood School District No. 74 is requesting sealed bids for the modernization of one elevator and the regular service and maintenance of two elevators beginning in April 2022. Bids will be received by the Business Manager/CSBO at the Administrative Center located at 6950 N. East Prairie Rd., Lincolnwood IL 60712, until 2:00 P.M. prevailing time on Monday, January 10, 2022.

Instructions and specifications will be available beginning Friday, December 3, 2021 from StudioGC architecture + interiors, Attn: Athi Toufexis, [a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com), (312) 253-3400. A pre-bid meeting will be held on Tuesday, December 14, 2021, at 3:00 p.m. starting at the Administrative Center. The purpose of this meeting is to address any questions and visit the two elevator sites. This will be the only opportunity to visit District facilities; attendance by potential bidders is encouraged but not mandatory. Bidders must submit all questions in writing to Athi Toufexis at the above email address. Replies will be issued to all bidders of record in the form of an addendum. Questions received less than five (5) weekdays before the bid due date cannot be answered.

All bids must be accompanied by a Bid Bond in the form of a surety bond issued by a bonding company authorized to do business in Illinois, and on the U.S. Department of Treasury list of approved sureties, or a certified check or a cashier's check drawn on a bank authorized to do business in Illinois, made payable to the Board of Education in the amount of ten percent (10%) of the sum of the computed total amount of the bid. By submitting a bid, it is agreed that the Bid Bond will be forfeited if the bidder fails to execute the agreement or to furnish the Performance and Payment Bonds (for the modernization work) in conformity with the specifications within ten (10) days after notification of the award of the Agreement to such bidder.

All bids must be accompanied by a sample agreement, the terms of which shall be subject to negotiation by or approval of legal counsel for the District. Each bidder expressly agrees that such bid may not be withdrawn for a period of sixty (60) days from the opening thereof. Withdrawal within such period shall subject the bidder to penalties and damages to the District to the extent that such withdrawal results in loss to the District.

The Board of Education reserves the right to reject any and all bids or any part thereof, to waive any informalities, errors or irregularity in bids received or in the bidding process, and to accept the bid or bids that the Board of Education deems the most favorable to its interest after all bids have been examined and canvassed.

John P. Vranas  
Secretary, Board of Education  
Lincolnwood School District  
No. 74, Cook County, Illinois

NOTICE AND SPECIFICATIONS FOR  
Elevator Modernization and Service Agreement  
Commencing April 1, 2022

Lincolnwood School District No. 74

INSTRUCTIONS TO ALL BIDDERS

1.1 District Information. Lincolnwood School District No. 74 is a public elementary school district with an approximate enrollment of 1,250 students. The District operates three (3) school buildings and one (1) administrative center. All are located on a single campus in the Village of Lincolnwood, approximately 10 miles north of downtown Chicago, in Cook County, Illinois. Two school buildings contain elevators, both of which are the subject of this bid:

- Rutledge Hall: Dover, Hydraulic. Unit ID: ED9184. Installed 1995.
- Lincoln Hall: Otis, Hydraulic. Unit ID: 633062. Installed 2017.

1.2 Request for Bids. The Board of Education of Lincolnwood School District No. 74 (hereinafter sometimes referred to as the “Board” or “School District” or “Owner”) will receive bids for the modernization of the Rutledge Hall elevator and the regular service and maintenance of both the Rutledge Hall and Lincoln Hall elevators, in accordance with these instructions and the specifications set forth below. Bids will be received until 2:00 P.M. prevailing time on Monday, January 10, 2022, at the Administrative Center located at 6950 N. East Prairie Rd., Lincolnwood IL 60712.

1.3 Pre-bid Meeting: A pre-bid meeting will be held on Tuesday, December 14, 2021, at 3:00 p.m. starting at the Administrative Center, 6950 N. East Prairie Rd., Lincolnwood IL 60712. The purpose of this meeting is to address any questions and visit the two elevator sites. This will

be the only opportunity to visit District facilities. Attendance by potential bidders is strongly encouraged but not mandatory.

1.4 Questions. Bidders must submit all questions regarding these instructions and specifications in writing to Athi Toufexis, StudioGC architecture + interiors, [a.toufexis@studiogc.com](mailto:a.toufexis@studiogc.com). Replies will be issued to all bidders of record in the form of an Addendum. Questions received less than five (5) weekdays before the bid due date cannot be answered.

1.5 Bid Form. All bids must be submitted in duplicate on the Bid Form, a copy of which is attached hereto as **Exhibit “A”**, provided by the School District. The wording of the Bid Form shall not be changed or altered.

1.6 Anticipated Bidding Schedule:

<u>EVENT</u>	<u>PROJECTED DATE</u>
Request for Bids Issuance:	December 3, 2021
Pre-Bid Meeting:	December 14, 2021, 3:00 p.m.
Last date to request clarifications:	January 5, 2022
Bids Due:	January 10, 2022, 2:00 pm
Negotiation of Agreement:	Jan. 11 – Feb. 7, 2022
Presentation to Facilities Committee:	February 15, 2022
Board of Education Approval:	March 3, 2022
Beginning of Service:	April 1, 2022

1.7 Pricing. Each bidder expressly agrees that its pricing may not be withdrawn for a period of sixty (60) days from the bid due date. Withdrawal within such period shall subject the proposer to penalties and damages to the District to the extent that such withdrawal results in loss to the District. All bidders must state their rates and charges in fixed dollar amounts which are definitely ascertainable at the time of opening the bids.

1.8 Bid Security. Bids shall be accompanied by a Bid Security. Such Bid Security shall be in the form of a Bid Bond or Cashier’s Check for 10% of the Bid Price (Specification A and

the first-year fixed price under Specification B) made in favor of the Board. Failure to submit the proper form and amount of Bid Security may result in rejection of the Bid. Bid Bonds must be issued by the same company that provides the Performance Bond and Payment Bond under Specification A. The Bidder agrees that the proceeds of the Bid Security will become the property of the Board if for any reason the bidder withdraws his bid prior to the time period noted in the Bid Form. The defaulting bidder shall pay the Board all costs which exceed the amount of the Bid Security for procuring the performance for the work required by the bidding documents. Such costs include, but are not limited to, additional advertising and architectural and engineering services and legal services.

1.9 Term and Commencement. The regular service and maintenance agreement described in Specification B shall commence April 1, 2022, for a period of five (5) years without extension. The modernization work described in Specification A shall be scheduled during 2022 by the agreement of the School District and the successful bidder.

1.10 Insurance. The successful bidder shall maintain insurance in the following amounts during the term of any agreement entered into pursuant to this Request for Bids: (1) commercial general liability insurance on an occurrence basis in the minimum amount of \$1,000,000 per occurrence and \$2,000,000 in the aggregate; (2) workers compensation coverage in the minimum statutory amounts and no less than \$500,000; (3) comprehensive auto liability insurance, including hired and non-owned vehicles, in the amount of \$1,000,000 per occurrence and in the aggregate for bodily injury and property damage; and (4) umbrella or excess liability coverage in a minimum amount of \$2,000,000 per occurrence and in the aggregate. The successful bidder shall name the School District, its Board members, employees, and agents as additional insureds

on all policies except workers compensation. The successful bidder's insurance shall be primary and noncontributory.

1.11 Bonding. A Performance Bond and Labor and Material Payment Bond will be required in accordance with the Public Construction Bond Act, 30 ILCS 550/1, for the modernization work performed under Specification A. The cost of said bond, in the amount of 110% of the cost of the work, shall be included in the bid price.

1.12 Reservation of Rights. The Board of Education reserves the right to reject any and all bids or any part thereof, to waive any informalities, errors or irregularity in bids received or in the bidding process, and to accept the bid or bids that the Board of Education deems the most favorable to its interest after all proposals have been examined and canvassed. Expenses incurred in responding to this request for bids are not the responsibility of the School District.

1.13 Required Documentation. If any credit applications or other documents will be required prior to contract execution, such documents must be submitted with the proposal. **All proposals must be accompanied by a sample service agreement, the terms of which shall be subject to negotiation by or approval of legal counsel for the District and must be in accordance with the terms of this specification.** Automatic renewal language will be deleted. The final agreement shall be subject to Illinois law without regard to conflicts of laws principles. Dispute resolution terms shall be limited to litigation in the Circuit Court of Cook County, Illinois, and the successful bidder must agree to be subject to the jurisdiction of that court. References to mediation or arbitration shall be deleted. Payment terms shall be in accordance with the Illinois Local Government Prompt Payment Act (50 ILCS 505/1 *et seq.*). This Request for Bids shall be deemed incorporated into the parties' final agreement.

1.14 Applicable Laws. All bidders shall at all times observe and comply with all applicable laws, rules, ordinances and regulations, including, but not limited to, the *Illinois Prevailing Wage Act* (820 ILCS § 130/1 *et seq.*); the *Illinois Human Rights Act* (775 ILCS § 5/1 *et seq.*); The Equal Employment Opportunity Clause at Title 44, Part 750 of the Illinois Administrative Code (see 44 Ill. Admin. Code 750.20), which is fully incorporated herein; the *Equal Employment Opportunity Act* (42 U.S.C. § 2000e); and the *Illinois Criminal Code* (720 ILCS § 5/1 *et al.*). Without limiting the generality of the foregoing, as required by the *Criminal Code*, 720 ILCS § 5/33E-11, each bidder certifies that it is not barred from contracting with any unit of state or local government as a result of a violation of any criminal statute including, but not limited to, the bid rigging (Section 33E-3) or bid rotating (Section 33E-4) provisions of the *Criminal Code*. The bidder agrees that if this certification is false, the School District may declare the resulting agreement void. Each bidder further certifies that it will provide a drug free workplace as required by the Illinois *Drug Free Workplace Act*, 30 ILCS §§ 580/1 *et seq.* Additionally, the Board is exempt from paying Illinois Use Tax, Illinois Retailer's Occupation Tax, Federal Excise Taxes, and any federal transportation tax, thus, no taxes shall be included in the bid price. If applicable, the bidder shall collect and remit Illinois Use Tax on all sales of tangible personal property into the State of Illinois in accordance with the provisions of the *Illinois Use Tax Act* (35 §§ ILCS 105/1 *et seq.*), regardless of whether the bidder is a retailer maintaining a place of business within this State" as defined in Section 2 of the *Illinois Use Tax Act*.

1.15 Indemnification. If selected, the successful bidder agrees to indemnify, defend and hold harmless the Board of Education, its individual Board members, employees and agents from and against any and all costs (including but not limited to attorneys' fees and court costs), losses,

finances, penalties, causes of action, and damages, whether to person or property, resulting from, connected with or arising from any negligent acts or omissions of the bidder or any breach of the parties' agreement.

1.16 Additional Information. Bidders are encouraged to provide a summary of their company's on-line reporting and invoicing capabilities, including web-based account specific reporting, web-based Customer Account Information, and web-based invoicing. Samples of these reports or invoices should be included with the bids.

Specification A - Modernization of the Rutledge Hall Elevator

2.1 The Board requests bids for the modernization of the Rutledge Hall elevator (Dover, Hydraulic. Unit ID: ED9184. Installed 1995) in accordance with the following Scope of Work.

2.2 Provide all labor and material necessary to refurbish the existing 2 stop hydraulic elevator including, but not limited to, replacement of the controller, leveling system, car and hall fixtures and door operator, and as indicated below:

- A. Existing Elevator: Thyssen Krupp 2000 pound capacity holed hydraulic elevator. Speed: 100 fpm.
- B. Controller: New non-propriety microprocessor based control system to perform all elevator functions, motion control & door control. Nonproprietary standards recognize specific owner's rights:
  - 1. The right to all information needed for diagnosis, service, and repair.
  - 2. The right to access on-board computers, including the information they store and the ability to diagnose, repair, and/or reprogram these systems.
- C. Drive system: New solid-state motor starter.
- D. Door Operator: GAL MOVFR II door operator or equivalent, plus related equipment necessary for complete and functional operation.
- E. Emergency battery lowering: Provide emergency battery lowering, such that in the event of a building power failure, the battery would bring the elevator to the next landing and open the elevator doors to avoid entrapment. When power is restored the elevator would return to service.
- F. Car Door Equipment: New door operator to be GAL MOVFR II door operator or equivalent non-proprietary unit, plus related equipment necessary for complete and functional operation. Include hatch accessed car top inspection station.
- G. Hoist-way equipment:
  - 1. Hoist-way operation devices: New terminal stopping devices and landing systems.
  - 2. Car Guides: Replace or refurbish existing as required.
  - 3. Pit Stop Switch: Provide new pit stop switch in location required by code.

4. Pit Ladder: Modify or replace existing ladder with code compliant installation.
5. Leveling System: Provide new leveling system.

H. Fixtures:

1. Car Operating Panel: Furnish new stainless steel car operating panel including the following:
  - a. Mechanical illuminated, vandal resistant buttons marked with the corresponding landings, including Braille text.
  - b. Emergency phone with call button “push for help.” Emergency alarm button to be connected to an emergency signal.
  - c. Key switches for: Fan, light, hoist-way inspection.
  - d. Stop switch.
  - e. Fireman’s service cabinet that is compliant with A17.1 2019 code video/texting requirements.
  - f. Emergency car lighting.
  - g. ADA phone.
  - h. GFI receptacle.
  - i. Certificate window.
  - j. Car position indicators.
  - k. In car directional arrows.
2. Hall Fixtures
  - a. Fire service phase key switch and engraved instructions.
  - b. Hall Position Indicators: New to be integral with main lobby push button fixture or above hoist-way doorframe.
  - c. Hall push buttons: ADA compliant hall buttons with Fireman’s service & access at terminal landings.

I. General

1. Removal of Equipment: Unless otherwise indicated, all equipment that is removed or demolished and not to be re-used becomes the property of the Elevator Modernization Contractor, and is to be promptly removed from the project site and disposed of in an approved manor.

2. Code – All elevator equipment to be installed in accordance with A17.1 2019 elevator safety code and all other applicable codes.
3. Fire alarm recall – Elevator Modernization Contractor is to provide connection to existing smoke/heat detectors installed to initiate recall to ground floor. Fire alarm system was installed and completed in August 2021 by Airport Electric. Work under this contract shall not void existing warranty with Airport Electric.
4. Permits and Inspections: Elevator Modernization Contractor is responsible for procuring all necessary permits and inspections, and is required to deliver an Elevator Inspection Certificate prior to receiving final payment. Cost to obtain such permits and inspections will be reimbursed at the rate of 1.0 times the actual cost.

2.3 Warranty. Elevator Modernization Contractor shall warrant their work for a period of 12 months following the date of the Elevator Inspection Certificate. Warranty work is to be performed during normal working hours of between 8:00 am and 4:30 pm. Should it be necessary to perform warranty work outside of the hours of 8:00 am to 4:30 pm, the Owner will be responsible for the premium cost only. Any parts or equipment that have been provided by the Elevator Modernization Contractor that are required to be replaced shall be provided at no additional cost to the Owner. Material costs for any necessary parts or equipment that have not been provided by the Elevator Modernization Contractor will be the responsibility of the Owner at the rate of 1.0 times the actual cost to the Contractor.

2.4 Performance and Payment Bond. Contractor within ten (10) days after receiving notice of the award shall furnish a Performance and Labor and Material Payment Bond, in the amount of 110% of the cost of the work, agreeing to perform the work and fulfill all obligations in accordance with all of the provisions of the contract with a surety rated no less than B+ 10 by Best's Insurance Guide Key, and naming Owner as a primary co-obligee. Such bonds shall be in a form and with a surety acceptable to the Owner and shall not include a limitation period shorter than that provided by Illinois law (735 ILCS 5/13-214). The cost of each bond shall be included

in the bid price. All bonds shall include a specific obligation of the Surety to guarantee the faithful performance of the Contractor under the Illinois Prevailing Wage Law. The Bonding Company must also be licensed in the State of Illinois. The Performance Bond and the Labor and Material Payment Bond shall guarantee the performance of the duties placed on the Contractor pursuant to the contract with the Owner, and shall indemnify the Owner from any liability or loss resulting to the Owner from any failure of the Contractor fully to perform each or all of said duties. The Performance Bond and the Labor and Material Payment Bond shall be deemed to cover all such duties. The Performance Bond and Labor and Material Bonds shall be executed in conformity with American Institute of Architects, Doc. A312. A certified copy of the power of attorney from the Surety Company stating that the person executing the bond is duly authorized by the Surety to execute the bond shall accompany the bond. The bonds shall comply with the Public Construction Bond Act, 30 ILCS 550/1.

2.5 Performance of the Work. The School District and the successful bidder shall agree on the best timeline for the performance of the modernization work. Efforts may be made to schedule the work during non-student attendance days (i.e. during Summer Break).

Specification B - Regular Service and Maintenance of Both  
the Rutledge Hall and Lincoln Hall Elevators

3.1 The Board requests bids for the quarterly service and maintenance of both the Rutledge Hall (Dover, Hydraulic. Unit ID: ED9184. Installed 1995) and Lincoln Hall (Otis, Hydraulic. Unit ID: 633062. Installed 2017) elevators in accordance with the following Scope of Work.

3.2 Contractor, in the performance of Services, agrees to and shall conform to the requirements of ASME standard A17.1, Safety Code for Elevators and Escalators, in its latest revision, in connection with testing, inspection, maintenance, alteration, and repair of elevator equipment under this Agreement. Contractor shall maintain all Units according to the original manufacturer's performance specifications or in accordance with the most recent revision of the ASME standard A17.1, whichever is more stringent.

3.3 Maintenance Services for Hydraulic Elevators. Contractor shall provide and perform the following maintenance services for hydraulic elevators at Lincolnwood SD 74, Rutledge Hall and Lincoln Hall:

- 3.3.1 Inspect, clean and lubricate the equipment.
- 3.3.2 Clean the machine room floor and the spill pan.
- 3.3.3 Replace all missing or damaged warning signs.
- 3.3.4 Ride each car to check for unusual noises and deficiencies in operation.
- 3.3.5 Inspect and clean the car top and pit equipment.
- 3.3.6 Check the oil in the tank; If oil is depleted beyond normal usage, determine and repair the cause of use of excess oil and provide new oil, compatible with existing.
- 3.3.7 Inspect the jack plunger.
- 3.3.8 Inspect the jack assembly and determine whether too much oil is leaking through; repair as required.

- 3.3.9 Inspect and clean the car photo eye or light screen; Adjust as required.
- 3.3.10 Inspect the car safety edge and retraction.
- 3.3.11 Test the alarm button; repair if not functioning.
- 3.3.12 Check the emergency switch; repair if not functioning.
- 3.3.13 Inspect, clean, and lubricate the door tracks.
- 3.3.14 Inspect the car lighting system; re-lamp or repair if not functioning properly.
- 3.3.15 Inspect the elevator communication system; repair if not functioning.
- 3.3.16 Replace broken or cracked call buttons or button covers.
- 3.3.17 Inspect, clean, and lubricate the motor bearings.
- 3.3.18 Inspect and clean the controller fuses and holders.
- 3.3.19 Inspect and adjust the door speeds, door relating cable tension, and the car steadying plates.
- 3.3.20 Check the stiles for cracks.
- 3.3.21 Check infrared door opening/closing devices; adjust as required for proper operation.
- 3.3.22 Inspect and lubricate the car fan or blower.
- 3.3.23 Inspect, lubricate, and clean the following: Hall button contacts, Guide rails, Limit switches, Traveling cable, and junction box cable.
- 3.3.24 Inspect, adjust as may be required, check, repair, and replace and provide parts for all items identified above; and Provide Services as necessary to remedy or resolve the foregoing items.

3.4 All hydraulic elevator pits shall be thoroughly cleaned at least four times per calendar year and listed on reports. Repair or replace any elevator hydraulic line that is leaking oil. Repack and seal pistons with visible oil running down. Replace ballasts as needed. Repair and replace all buttons, switches, lights, button lights, stop bells, key switches, stop switches or other controls when damaged by wear and tear.

3.5 Standards for Hydraulic Elevators. Contractor shall observe, abide by, and ensure compliance with the following maintenance standards for hydraulic elevators at the Facilities:

- 3.5.1 Elevator door closing pressure must not exceed 30 LBF.
- 3.5.2 Adjust elevator car doors and hoistways with 1/8 inch of play in doors opposite of direction of travel or replace door gibs.
- 3.5.3 Hoistway door rollers that are cut or torn more than 1/8" must be replaced.
- 3.5.4 Belt driven motors and chain drive sets shall be pre-loaded and matched for length in size, rated bearing strength, and a safety factor of ten.
- 3.5.5 Top of car operating device speed shall not exceed specified criteria.
- 3.5.6 Maintain elevator floor levels plus or minus 3/8 inch of each landing.
- 3.5.7 Roller guides that are cut or torn more than 1/8" will be replaced.
- 3.5.8 Adjust anti-creep mechanism to maintain elevators within 1 inch of floor level irrespective of the position of the hoistway door.
- 3.5.9 Replace slide guides with more than 1/8 inch play in any direction.
- 3.5.10 Adjust the relief valve to open at a pressure not greater than 125% of working pressure and shall be sealed with lead seal.
- 3.5.11 Flexible hydraulic connections shall have a bursting strength in accordance with ASME specifications (if possible, replace any flexible hydraulic connections with a hard pipe).
- 3.5.12 Securely fasten hoistway and car junction boxes with covers in place.
- 3.5.13 Replace V-Belts that are cut or torn more than 1/8 inch.
- 3.5.14 Inspect, check, repair, and replace and provide parts for all items identified above.

3.6 Scheduling. Maintenance visits shall be performed during normal business hours, Monday through Friday, 8:00 am to 4:30 pm, excluding holidays. Callbacks for minor adjustments or emergency entrapments during these hours shall be at no additional cost. For callbacks outside of normal business hours, contractor shall absorb the worked hours at straight

time, and the owner (Lincolnwood School District 74) will be charged for the overtime premium portion only.

3.7 Agreement Duration. The service and maintenance agreement shall be for a five (5) year period. Automatic renewals shall not be allowed. Written notice of termination at the end of the stated term shall not be required.

3.8 Payment

3.8.1 Payments for these services shall be based on an annual price per contract year, billed and payable in equal quarterly or monthly installments.

3.8.2 Material costs for any necessary parts or equipment in accordance with the above specification will be the responsibility of the Owner at the rate of 1.0 times the actual cost to the Contractor.

3.8.3 Price increases. The annual price in each of the second through fifth contract years shall be increased by three percent (3%) over the prior contract year's annual price.



## Executive Summary Facilities Committee Meeting

DATE: February 15, 2022

TOPIC: WindFree Wind and Solar Energy Design Co Solar Panel Installation Purchase Agreement

PREPARED BY: David Russo

### **Recommended for:**

- Action
- Discussion
- Information

### **Purpose/Background:**

Last year, the District was awarded a grant of up to \$6,400 from the Illinois Clean Energy Community Foundation and up to \$5,000 from the Cook County Solar School program toward the purchase and installation of a single 1kW photovoltaic (PV) solar panel system.

After consulting with several possible vendors, WindFree Wind and Solar Energy Design Co submitted the enclosed proposal that the Administration is recommending.

WindFree will install a 1.44 kW awning-mounted solar PV system on the south façade (second level) of Lincoln Hall. The proposal is turn-key, including labor, materials, permitting, warranties, interconnection, monitoring, and any additional paperwork required to make the panels operational. The proposal calls for four (4) Q Cell 360-watt panels, which are manufactured and sold by Q Cells. According to their website, the panels are engineered in Germany and assembled in Dalton, Georgia. The company is also headquartered in Germany.

The proposal was vetted by the District's Architect and was found to be acceptable from a design and structural perspective.

District Legal Counsel reviewed the Purchase Agreement and authored several changes related to insurance and governing law and venue. The vendor agreed to all changes.

**Fiscal Impact:**

The turn-key quote is \$9,430.00.

**Recommendation:**

It is the Administrative recommendation that the Facilities Committee concurs to recommend to the Board of Education to approve this Purchase Agreement from WindFree Wind and Solar Energy Design Co in the amount of \$9,430.00 for the installation of a 1.44 kW awning-mounted solar PV system at Lincoln Hall Middle School.



## WINDFREE SOLAR

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### PURCHASE AGREEMENT

#### **Project: Nominal 1.44 kW Solar PV System Lincoln Hall Middle School**

##### **Customer**

Lincoln Hall Middle School  
Attn: David Russo  
6855 N. Crawford Ave.  
Lincolnwood, IL 60712  
(847) 675-8240  
drusso@sd74.org

##### **General Description of work and equipment**

Windfree will install 1.44 kW of (4) Q CELL 360 watt Solar Panels manufactured for Windfree, with Enphase micro inverters, and web-based communication system. The panels will be installed by Windfree and will meet all local building codes and manufacturer specifications.

Windfree will furnish and install an awning or pole mounted solar system to support the solar panels; subject to Customer approval. Windfree will work closely with Customer on interconnection, permitting as required, delivery of material, installation, incentive applications, and monitoring.

Windfree will furnish and install all certified photovoltaic panels and fastener assembly labor, electrical labor for all electrical work, inverters, combiner boxes, disconnects, circuit breakers, and all material necessary to connect the photovoltaic system with the existing property's electric circuit panels. All warranty and guarantee paperwork will be submitted to Customer at the project's completion and final payment. All equipment shall be installed on the exterior of the building unless otherwise agreed to in writing or upon decision of Windfree at time of installation. Customer provided internet service required for online monitoring.

Windfree will provide Customer with an electrical wiring diagram and will furnish any documents needed in order to install this project and to obtain all required permits.

##### **General Conditions**

Customer will be responsible for providing access to the property and its utilities to Windfree in order to facilitate the proper execution of the project and the related work.

All work will be performed in accordance with the applicable local building and electrical codes of the authority having jurisdiction and manufacturers' specifications.

## Cost

**1.44 kW Cash price Turn-Key Solar Installation**

**\$9,430**

**10% Deposit Due Upon Acceptance of Purchase Agreement**  
**50% Due Upon Material Ordering**  
**30% Due Upon completion of mounting all the Solar Panels**  
**10% Due Upon Final Completion**

- **If this project is financed, the financing payment schedule will be applied to this project.**

The final Purchase Agreement price is subject to technical site survey. If upon completion of the technical survey, additional work is identified, final pricing changes will be presented to Customer in the form of a Change Order, in a timely manner prior to commencement of the actual contracted work to be performed. Permit fees are included up to \$250 for residential and \$1000 for commercial projects. Any additional fees for permit is the responsibility of the customer. If Customer cancels contract due to structural engineering issues, utility requirements, or unforeseen circumstances discovered during the technical site survey, there is a non-refundable \$500 fee.

### Change orders

All Change Orders, including the Final Purchase Agreement Price submitted after the technical survey shall be in writing and signed by both Windfree and Customer. Such change orders shall be incorporated in and become a part of the purchase agreement. If the electric capacity in kilowatts (DC) for the Project is increased or decreased between signing of this Agreement and the completion of installation, the Contract Price for the Project shall be increased or decreased accordingly at the same \$/watt dc rate used in calculating the original Contract Price.

### Timeline

Windfree will complete defined work in a reasonably timely manner from the time of execution of this purchase agreement, technical survey, and any final amendments to pricing. Estimated project completion is 8 weeks from final pricing amendments. The completion timeline is an estimate. Windfree will notify customer of any alterations to estimated project timeline within a reasonable amount of time of learning of such alterations.

Approximate Construction Start Date: Within 30 days permit issuance

Approximate Construction Completion Date: 5 days after start of construction

### Work Quality

All work shall be completed in a quality manner and in compliance with all building and electrical codes, all other applicable laws, and all applicable utility requirements, including appropriate utility interconnection obligations.

### Site Condition and access

Customer is responsible and shall be held liable for reporting any site conditions that are known or should be known that may impact the integrity of the work to be performed, the safety of workers, and the ongoing integrity of the solar energy system and its components. Windfree will make reasonable efforts to identify conditions that may impact the work to be performed and the ongoing performance of the system. However, Windfree is not responsible and holds no liability for any unknown and unreported property conditions that could not be identified through the reasonable efforts of Windfree. Windfree agrees to report to the Customer any adverse site conditions that Windfree encounters during the project in a reasonable and timely manner.

Customer grants access to Windfree and its employees, contractors, and agents for the purposes of surveying, installing, constructing, repairing, and servicing the solar energy system and its related components. Windfree agrees to install system and perform specified work in a professional manner, agrees to remove all debris created by the installation, and to leave premises in clean condition.

## **Warranty and Monitoring**

All significant equipment and materials shall be provided with original manufacturers' warranties where and as applicable, upon project completion.

Windfree will monitor the system daily digitally by means of web-based monitoring and with a minimum of two visits within the first five-years with the purpose of testing and assessing the proper working of the system. Windfree sales consultant will train the customer to monitor the data production and online reporting.

All work to be performed by Windfree under this Agreement shall be warranted for 15 years. Excluded from the warranty are any situations beyond Windfree's control including but not limited to acts of nature, work and repairs performed by parties other than Windfree and any acts or work performed by the Customer not in keeping with normal maintenance of the premises and systems. This limited workmanship warranty covers the integrity of installation and workmanship performed by Windfree and its employees. Significant equipment and materials warranties are covered separately, where applicable, and are subject to separate warranties by the manufacturer not included in this limited workmanship warranty. Windfree is not responsible for any obstructions or weather conditions that may affect performance of the solar system.

## **NOTICE**

This warranty is in lieu of any other warranty express or implied. Any implied warranties including but not limited to, the implied warranty of merchantability, fitness for a particular purpose, habitability, and any UCC warranties are hereby waived.

This warranty shall be null and void and Windfree shall not be liable for any damages or expenses, if the Customer does not grant Windfree access to the premises and the opportunity of Windfree to inspect, correct, or replace alleged defective items, before Customer incurs expenses or has work done by a replacement contractor.

## **Proof of Insurance and Licenses**

To the extent required by the law all work shall be performed by individuals duly licensed and authorized by law to perform said work. Windfree hereby discloses that it is a member of the Illinois Solar Energy Association (ISEA). Windfree shall maintain general liability insurance coverage at all times during the performance of the above work. Coverage amounts shall be no less than: (i) commercial general liability coverage of \$1,000,000 per occurrence and \$2,000,000 in the aggregate; (ii) auto liability of \$1,000,000 combined single limit; and (iii) workers compensation in the statutory amount. Windfree is a certified PV installer in the State of Illinois. Windfree will furnish proof of insurance prior to beginning work and other applicable licenses and certifications at the request of Customer.

## **Marketing**

Customer agrees that for a period of three years following the completion of the work, Windfree has the option to use the customer's solar energy system as a reference. Customer agrees to allow a sign to be placed on property during installation and for a period of up to one month upon completion of installation for the purposes of marketing, unless agreed to or not permitted by association or other governing entity.

## **Exclusions**

Excluded in the contract price, unless otherwise agreed to in writing:

- Unforeseen groundwork (including, but not limited to, excavation/circumvention of underground obstacles),
- Upgrades or repairs to customer or utility electrical infrastructure (including, but not limited to service upgrades, panel upgrades, repairs and rewiring of existing panels, service side connections, installation of sub-panels, and complex conduit runs and attachment of solar system with electrical panel)
- Drywall Repair
- Payment bonds
- Performance bonds
- Tree trimming or landscaping
- Correction of pre-existing code violations,
- Repairs or reinforcements of roof structures if required,
- Trenching if required beyond 25', landscape restorations,



## General Terms and Conditions (For SRECs)

### 1. CHANGES, PERMITS, REBATES, INCENTIVES

Any changes to the System will be documented in a written amendment to this Agreement signed by both Customer and WINDFREE. Customer authorizes WINDFREE to make corrections to the utility and incentive paperwork to conform to this Agreement or any amendments to this Agreement we both sign. Customer acknowledges that the System equipment and materials furnished and installed by WINDFREE are subject to cost increases. WINDFREE shall not be responsible for delays in work due to the actions of any permitting and regulatory agencies or their employees. Customer will pay to Provider or taxing party as applicable for any taxes or assessments required by federal, state or local governments or related regulatory agencies or utilities. Depending on the state and utility district in which Customer resides, Customer may be eligible for various state and local rebates and incentives. The rebate and incentive calculations WINDFREE provides to Customer are estimates. These estimates are based on certain assumptions that may not be applicable based on the circumstances specific to the Project. However, actual rebates and incentives are variable as eligibility requirements, funding availability and rates may change. In an effort to assist Customer in capturing its rebate, WINDFREE will use good faith reasonable efforts to help Customer secure applicable rebates and incentives, but WINDFREE shall have no financial obligation to Customer regarding actual rebate and incentive amounts received. Upon approval of SRECs, approved owner will transfer SRECs to approved vendor. Owner will transfer of system ownership to new owner upon selling the property.

### 2. SCHEDULE OF PROGRESS PAYMENTS

The schedule of progress payments must specifically describe each phase of work, including the type and amount of work or services scheduled to be supplied in each phase, along with the amount of each proposed progress payment. Customer may, at its discretion, issue payment to Contractor via joint check with any of Contractor's subcontractors or suppliers. **Note about Extra Work and Change Orders.** Extra Work and Change Orders become part of the contract once the order is prepared in writing and signed by the parties prior to commencement of any work covered by the new change order. The order must describe (i) the scope of the extra work or change; (ii)

the cost to be added or subtracted from the contract and (iii) the effect the order will have on the schedule of progress payments or the completion date. Notwithstanding this provision, WINDFREE's failure to comply with the requirements of this paragraph does not preclude the recovery of compensation for work performed based on legal or equitable remedies designed to prevent unjust enrichment.

### **3. PROPERTY CONDITIONS**

Customer will be responsible for the ongoing structural integrity of the location where the System is installed, including structural or electrical modifications necessary to prepare the Property for the System. Customer agrees that WINDFREE is not responsible for any known or unknown Property conditions.

### **4. EXISTING CONDITIONS**

WINDFREE is not responsible and bears no liability for the performance of existing electrical equipment at the Property, including but not limited to the main electrical service panel, any major electrical devices, or any other fuses or similar devices.

### **5. PROPERTY ACCESS**

Customer grants to WINDFREE and its employees, agents and contractors the right to reasonably access all of the Property as necessary for the purposes of (i) installing, constructing, operating, repairing, removing and replacing the System or making any additions to the System; (ii) installing, using and maintaining electric lines and inverters and meters, necessary to interconnect the System to Customer's electric system at the Property and/or to the utility's electric distribution system; or (iii) taking any other action reasonably necessary in connection with the construction, installation, operation, maintenance, removal or repair of the System.

### **6. TITLE AND RISK OF LOSS**

Title to the Project shall transfer to Customer when WINDFREE completes installation of the Project and receives final payment. After delivery of the System equipment and materials to the Property, other than damage directly resulting from WINDFREE's actions, Customer bears the risk of loss to the System for all causes occurring after the end of the Warranty Period. WINDFREE retains all WINDFREE owned intellectual property rights on any of the equipment installed in the System including, but not limited to, patents, copyrights and trademarks.

### **7. TERMINATION AND DEFAULT**

WINDFREE may terminate this Agreement, upon thirty (30) days written notice, for any material breach, for any failure of Customer to pay WINDFREE any amount due, for any

bankruptcy or financial distress of Customer, or for any hindrance to WINDFREE in the performance process. Customer may terminate this Agreement upon thirty (30) days written notice for any material breach, for any failure of WINDFREE to perform, for any bankruptcy or financial distress of WINDFREE, or for any hindrance to Customer in WINDFREE's performance.

#### **8. REMEDIES UPON CUSTOMER'S BREACH**

Without limiting any of WINDFREE's other rights and remedies, upon any breach by Customer, including any failure of Customer to pay WINDFREE any amount due, WINDFREE shall have the right to: (i) pursue a stop work order at the Property; (ii) prevent any more work from being done at the Property until the breach is cured and a bond is posted by the Customer for any amounts payable under this Agreement; (iii) recover all amounts due under this Agreement for services provided through the date of termination including interest (prime + 2% or such amount as allowed by law); (iv) remove any Project materials or equipment from the Property; (v) submit to credit reporting agencies (credit bureaus) negative credit reports that would be reflected on your credit record; and vi) any other legal remedies including but not limited to mechanics' liens or similar remedies.

#### **9. MECHANICS' LIEN RELEASES & PREVAILING WAGE ACT**

Upon satisfactory final payment for the work performed, WINDFREE shall furnish to Customer a full and unconditional release from any claim or mechanics' lien pursuant to applicable law for that portion of the work for which payment has been made, including releases from any subcontractors or material providers. WINDFREE acknowledges that this is a contract for a public improvement pursuant to Section 23 of the Illinois Mechanics Lien Act (770 ILCS 60/23).

- In addition, WINDFREE acknowledges that this is a contract for public works pursuant to the Prevailing Wage Act (820 ILCS 130/0.01 *et seq.*). WINDFREE shall comply with all requirements of the Prevailing Wage Act, including but not limited to the filing of certified payrolls with the Illinois Department of Labor's online portal, and the

#### **10. WINDFREE'S INSURANCE**

Commercial General Liability Insurance (CGL). WINDFREE carries commercial general liability insurance with coverage amounts that meet or exceed those required by law.

#### **11. INDEMNIFICATION**

Both parties shall indemnify, defend and hold harmless the other and its employees, officers,

directors, agents and assigns from any and all third party claims, actions, costs, expenses (including reasonable attorneys' fees and expenses), damages, liabilities, penalties, losses, obligations, demands and liens of any kind arising out of or relating to its failure to perform its obligations under this Agreement. Neither party shall be required to indemnify the other for its own negligence, willful misconduct or fraud.

#### **12. GOVERNING LAW AND VENUE**

The laws of the state of Illinois shall govern this Agreement without giving effect to conflict of laws principles. The parties agree that the Circuit Court of Cook County, Illinois, shall be the venue for the resolution of any disputes arising from this Agreement, and WINDFREE hereby submits to the jurisdiction of that Court.

#### **13. SEVERABILITY**

If any portion of this Agreement is determined to be unenforceable or invalid, the remaining provisions shall be enforced in accordance with their terms or shall be interpreted or re-written so as to make them enforceable. Provisions that should reasonably be considered to survive termination of this Agreement shall survive. WINDFREE may assign or subcontract any of its rights or obligations under this Agreement to any successor, partner or purchaser.

#### **14. WAIVER**

Any delay or failure of a party to enforce any of the provisions of this Agreement, including but not limited to any remedies listed in this Agreement, or to require performance by the other party of any of the provisions of this Agreement, shall not be construed to (i) be a waiver of such provisions or a party's right to enforce those provisions; or (ii) affect the validity of this Agreement.

#### **15. LIMITATION OF LIABILITY.**

a. No Consequential Damages. EACH PARTY'S LIABILITY TO THE OTHER UNDER THIS AGREEMENT SHALL BE LIMITED TO DIRECT ACTUAL DAMAGES ONLY. BOTH PARTYS AGREE THAT IN NO EVENT SHALL EITHER PARTY BE LIABLE TO THE OTHER FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES.

b. Actual Damages. Neither party's liability to the other will exceed \$2,000,000 including without limitation, damages to the Property during the performance of the Project or resulting from the completion of the Project.



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
02/07/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Neis Insurance Agency, Inc. 45 North Virginia St. Crystal Lake, IL 60014 Tom Neis, RHU	815-455-6960	<b>CONTACT NAME:</b> Tom Neis, RHU <b>PHONE (A/C, No, Ext):</b> 815-455-6960 <b>E-MAIL ADDRESS:</b> Certs@NeisInsurance.com	<b>FAX (A/C, No):</b> 815-455-9357
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> Windfree Wind + Solar Energy Design Co DBA Windfree Solar P.O. Box 113 Deerfield, IL 60015	<b>INSURER A:</b> Cincinnati Specialty		13037
	<b>INSURER B:</b> The Cincinnati Companies		10677
	<b>INSURER C:</b>		
	<b>INSURER D:</b>		
	<b>INSURER E:</b>		
	<b>INSURER F:</b>		

**COVERAGES**                      **CERTIFICATE NUMBER:**                      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR			CSU0077724	12/07/2021	12/07/2022	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
							\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			EBA0486431	05/01/2021	05/01/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	<input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED      RETENTION \$						EACH OCCURRENCE \$
							AGGREGATE \$
							\$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input type="checkbox"/> Y/N If yes, describe under DESCRIPTION OF OPERATIONS below			N/A			<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

<b>CERTIFICATE HOLDER</b>  <b>WINDFREE</b>  <b>WINDFREE WIND + SOLAR ENERGY DESIGN CO DBA WINDFREE SOLAR</b> <b>** SAMPLE CERTIFICATE **</b> <b>PO BOX 113</b> <b>DEERFIELD, IL 60015</b>	<b>CANCELLATION</b>  SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  <b>AUTHORIZED REPRESENTATIVE</b> <b>Tom Neis, RHU</b>
--	---

powered by

Q.ANTUM DUO Z

DRAFT

# Q.PEAK DUO BLK-G10+ / AC 360-365

Q.ANTUM DUO SOLAR MODULE  
WITH INTEGRATED MICROINVERTER



### Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY

Higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 20.6%.



### INNOVATIVE ALL-WEATHER TECHNOLOGY

Optimal yields, whatever the weather with excellent low-light and temperature behavior.



### ENDURING HIGH PERFORMANCE

Long-term yield security with Anti LID Technology, Anti PID Technology<sup>1</sup>, Hot-Spot Protect, Traceable Quality Tra.Q™.



### EXTREME WEATHER RATING

High-tech aluminum alloy frame, certified for high snow (5400 Pa) and wind loads (4000 Pa).



### A RELIABLE INVESTMENT

Inclusive 25-year product warranty and 25-year linear performance warranty<sup>2</sup>.



### STATE OF THE ART MODULE TECHNOLOGY

Q.ANTUM DUO Z Technology and the integrated high-powered Enphase IQ 7+ Microinverter achieving maximum system efficiency.



### RELIABLE ENERGY MONITORING

Seamless management with the intelligent Enphase Enlighten™ monitoring system.



### RAPID SHUTDOWN COMPLIANT

Built-in rapid shutdown with no additional components required.

### THE IDEAL SOLUTION FOR:



Rooftop arrays on residential buildings

<sup>1</sup> APT test conditions according to IEC/TS 62804-1:2015, method A (-1500V, 96h)

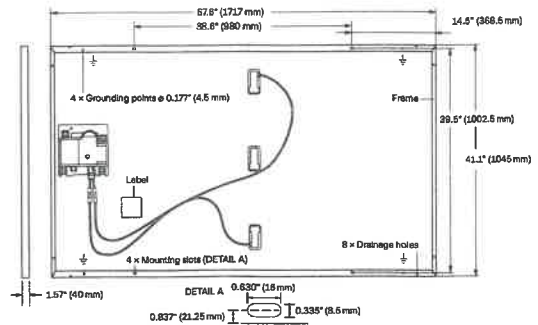
<sup>2</sup> See data sheet on rear for further information

Engineered in Germany



## MECHANICAL SPECIFICATIONS

Format	67.6 in × 41.1 in × 1.57 in (including frame) (1717 mm × 1045 mm × 40 mm)
Weight	46.3 lbs (21.0 kg)
Front Cover	0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodized aluminum
Cell	6 × 20 monocrystalline Q.ANTUM solar half cells
Junction Box	2.09-3.98 × 1.26-2.36 × 0.59-0.71 in (53-101 × 32-60 × 15-18 mm), Protection class IP67, with bypass diodes
Cable	4 mm <sup>2</sup> Solar cable; (+) ≥ 45.3 in (1150 mm), (-) ≥ 33.5 in (850 mm)
Connector	Stäubli MC4; IP68



## AC OUTPUT ELECTRICAL CHARACTERISTICS

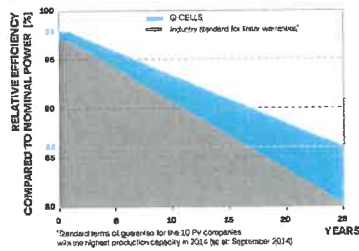
IQ7PLUS-72-ACM-US OR IQ7PLUS-72-E-ACM-US				
Peak Output Power	[VA]	295	AC Short Circuit Fault Current over 3 Cycles	5.8 Arms
Max. Continuous Output Power	[VA]	290	Max. Units per 20 A (L-L) Branch Circuit	13
Nominal (L-L) Voltage / Range	[V]	240/211-264	Overvoltage Class AC Port	III
Max. Continuous Output Current	[A]	1.21	AC Port Backfeed Current	18 mA
Nominal Frequency	[Hz]	60	Power Factor Setting	1
Extended Frequency Range	[Hz]	47 - 68	Power Factor (adjustable)	0.85 leading ... 0.85 lagging

## DC ELECTRICAL CHARACTERISTICS

POWER CLASS	360		365		360		365		
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC <sup>1</sup> (POWER TOLERANCE +5 W / -0 W)									
Min. Power at MPP <sup>1</sup>	P <sub>MPP</sub>	[W]	360	365	Min. Current at MPP	I <sub>MPP</sub>	[A]	10.49	10.56
Min. Short Circuit Current <sup>1</sup>	I <sub>SC</sub>	[A]	11.04	11.07	Min. Voltage at MPP	V <sub>MPP</sub>	[V]	34.31	34.58
Min. Open Circuit Voltage <sup>2</sup>	V <sub>OC</sub>	[V]	41.18	41.21	Min. Efficiency <sup>1</sup>	η	[%]	≥ 20.1	≥ 20.3

<sup>1</sup> Measurement tolerances P<sub>MPP</sub> ± 3%; I<sub>SC</sub>; V<sub>OC</sub> ± 5% at STC: 1000 W/m<sup>2</sup>, 25 ± 2 °C, AM 1.5 according to IEC 60904-3

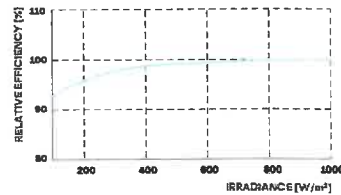
### Q CELLS PERFORMANCE WARRANTY



At least 98% of nominal power during first year. Thereafter max. 0.5% degradation per year. At least 93.5% of nominal power up to 10 years. At least 86% of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Q CELLS sales organisation of your respective country.

### PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25 °C, 1000 W/m<sup>2</sup>)

### TEMPERATURE COEFFICIENTS

Temperature Coefficient of I <sub>SC</sub>	α	[% / K]	+0.04	Temperature Coefficient of V <sub>OC</sub>	β	[% / K]	-0.27
Temperature Coefficient of P <sub>MPP</sub>	γ	[% / K]	-0.34	Nominal Module Operating Temperature	NMOT	[°F]	109 ± 5.4 (43 ± 3 °C)

## PROPERTIES FOR DC SYSTEM DESIGN

Maximum System Voltage V <sub>sys</sub>	[V]	1000	PV Module Classification	Class II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating based on ANSI / UL 61730	TYPE 2
Max. Design Load, Push / Pull <sup>3</sup>	[lbs / ft <sup>2</sup> ]	75 (3600 Pa) / 55 (2660 Pa)	Permitted Module Temperature on Continuous Duty	-40 °F up to +185 °F (-40 °C up to +85 °C)
Max. Test Load, Push / Pull <sup>3</sup>	[lbs / ft <sup>2</sup> ]	113 (5400 Pa) / 84 (4000 Pa)		

<sup>3</sup> See Installation Manual

## QUALIFICATIONS AND CERTIFICATES

Solar module: UL 61730,  
U.S. Patent No. 8,893,215 (solar cells);  
Enphase micro inverter: UL 1741-SA, UL 62109-1,  
UL 1741/IEEE1547, FCC Part 15 Class B,  
ICES-0003 Class B, CAN/CSA-C22.2 NO. 107.1-01,  
Rapid Shutdown Compliant per NEC-2014  
& 2017 & C22.1-2015



**Note:** Installation Instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

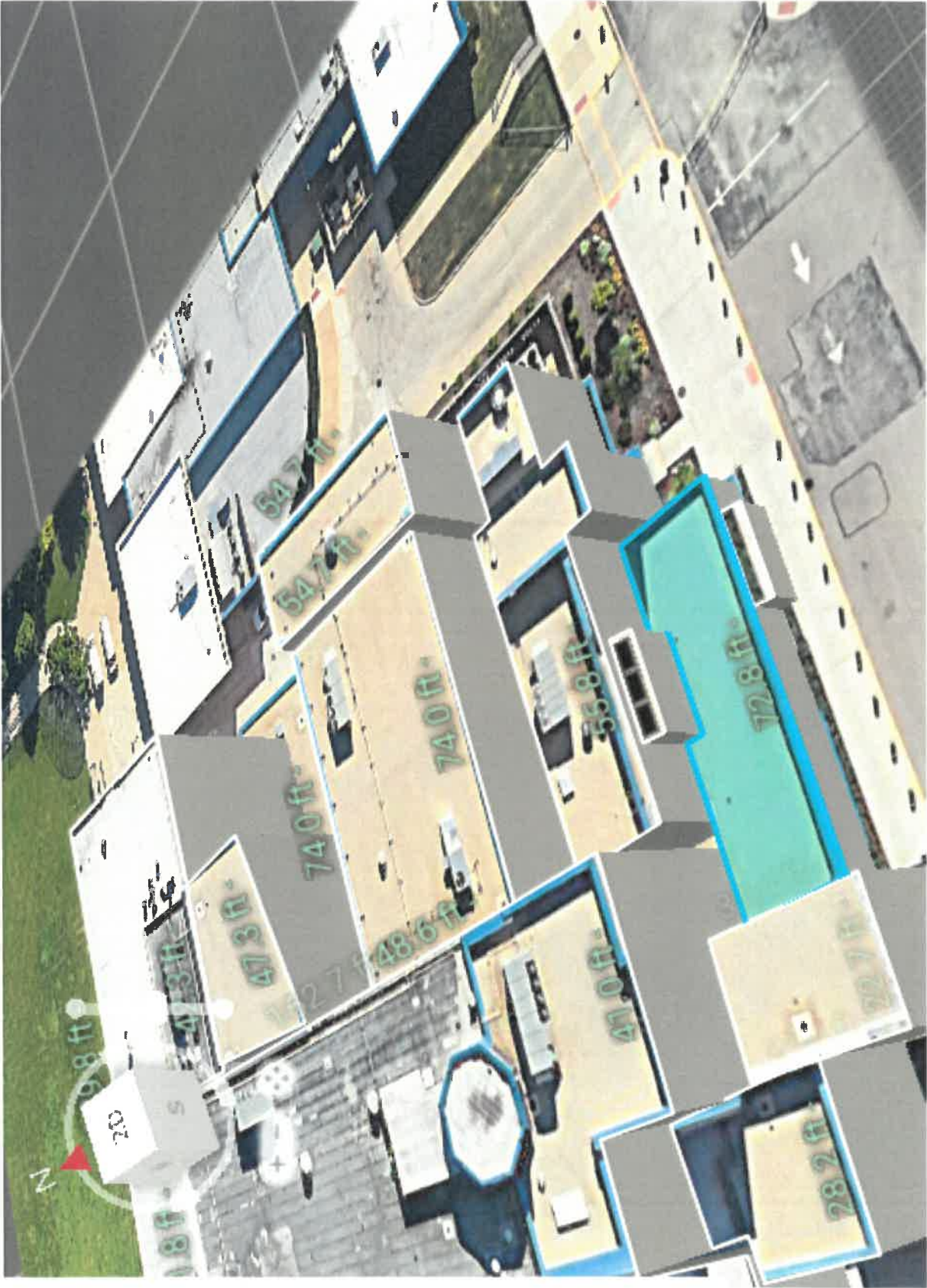
Hanwha Q CELLS America Inc.

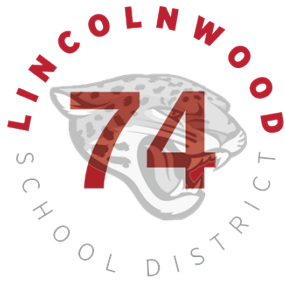
400 Spectrum Center Drive, Suite 1400, Irvine, CA 92618, USA | TEL +1 949 748 59 96 | EMAIL Inquiry@us.q-cells.com | WEB www.q-cells.us

Specifications subject to technical changes © CELLS G.PEAKDUO BLK-GLD+-AC\_360-365\_2021-10\_Rev01\_NA

## Lincoln Hall Solar Panel Discussion







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DATE: February 15, 2022

TOPIC: District's Summer 2022 General Work Bid Results

PREPARED BY: Courtney Whited

**Recommended for:**

- Action
- Discussion
- Information

**Purpose/Background:**

StudioGC divided summer capital projects into bid packages and this quote pertains to Bid Package A: General Work. Although other contractors visited the District, only one, FH Paschen, submitted a bid. Please review the attachments for information on pricing and the architect's review of submitted materials.

**Fiscal Impact:**

\$630,000 which includes a contingency of \$25,000

**Recommendation:**

The Facilities Committee concurs with the Administration to recommend to the Board of Education to accept the bid from F.H. Paschen, S.N. Nielsen & Associates LLC in the amount of \$630,000 for the 2022 General Work.



223 W. Jackson Blvd., Suite 1200  
Fax: 312.253.3401  
Chicago, IL 60606  
Phone: 312.253.3400

February 7, 2022

Mrs. Courtney Whited  
Business Manager/CSBO  
Lincolnwood School District 74  
6950 N. East Prairie Road  
Lincolnwood, IL 60712

RE: 2022 General Work  
Project No. 21089B

Dear Mrs. Whited:

Bids for the above referenced project were received at 10:00 a.m. on Friday, February 4, 2022. There were five (5) bidders of record; one (1) bid was received. A bid tabulation sheet is herein attached for your review.

We have analyzed the bids and the qualifications of the bidders and recommend that the contract for the 2022 General Work project be awarded to the lowest responsible, responsive bidder, **F.H. Paschen**. Their total bid amount is **\$630,000.00**. This includes contingency allowance monies in the amount of \$25,000.00 that will be returned to the school district if not used at the end of the project. There were no alternates requested of contractors as part of this bid.

In our review of the received bid and the previously prepared estimates, we have identified two items of note:

- 1) The overall mechanical trade bid cost is approximately \$276,000, which includes \$100,000 for temperature controls. In consultation with our mechanical engineers, we are currently reviewing the temperature controls bid in further detail as we feel the submitted cost is high. Overall, the subcontractor's bid for the mechanical scope of work was approximately 19% (\$49,000) over previous estimates.
- 2) The overall electrical trade bid cost is \$159,000, which equates to approximately 30% (\$38,000) over the preliminary budget estimates. Current market data has informed us that the amount of electrical construction in-progress and currently bidding greatly exceeds the available electrician labor force in the Chicago-metro area. As such, general contractors are reporting an average of 25% escalation costs for electrical work during this bidding season.

Overall, the received bid is 17% higher (\$88,000) than previous estimates that have been adjusted due to the decreased mechanical project scope from what was presented on the Master Facilities Plan. The past year has brought unprecedented escalation costs to the construction industry, with the most recent cost indexes reporting an average of a 14% cost increase over the last twelve months. We believe that our received bid is a direct reflection of the current market conditions and constraints on the industry.

StudioGC will be at the Facilities Committee Meeting to further discuss the bid results with the committee.



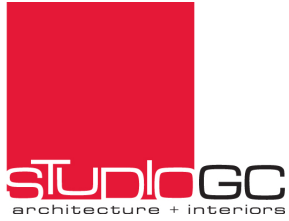
Please do not hesitate to contact me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to be "Athi T", written over a horizontal line.

Athi Toufexis, AIA, ALEP, LEED-AP

Enclosure – Bid Tabulation



223 W. Jackson Blvd., Suite 1200  
 Chicago, IL 60606  
 P: 312.253.3400

**Client:** Lincolnwood School District 74  
**Project Name:** 2022 Todd and Rutledge General Work

**Project No.:** 21089B  
**Bid Date:** Friday, February 4, 2022 @ 10:00 am  
**Project Architect:** Athi Toufexis

### BID TAB WORKSHEET

Contractor	Total Bid Amount	Bid Bond	Addendum				Remarks
			1	2	3	4	
Construction Solutions of Illinois 708-239-0001	NO BID						
F. H. Paschen 773-347-1885	\$630,000.00	X	X	X	X	X	
Kandu Construction 847-779-3616	NO BID						
Orbis Construction Company 815-385-5131	NO BID						
Troop Contracting 630-568-5252	NO BID						

# Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

## Bid Bond

**CONTRACTOR:**

(Name, legal status and address)

F.H. Paschen, S.N. Nielsen & Associates LLC

5515 N. East River Road

Chicago, IL 60656

**OWNER:**

(Name, legal status and address)

Lincolnwood School District No. 74

6950 N. East Prairie Road

Lincolnwood, IL 60712

**SURETY:**

(Name, legal status and principal place of business)

Continental Casualty Company

151 N Franklin Street

CHICAGO, IL 60606

State of Inc: Illinois

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**BOND AMOUNT:** Ten Percent of Amount Bid (10%)

**PROJECT:**

(Name, location or address, and Project number, if any)

2022 General Work  
Todd Hall and Rutledge Hall

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

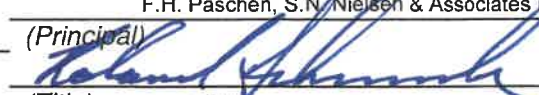
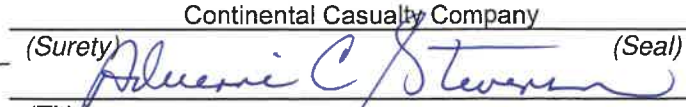
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 1st day of February, 2022

  
\_\_\_\_\_  
(Witness) Kathleen Pattison

  
\_\_\_\_\_  
(Witness) Sharon Potts

F.H. Paschen, S.N. Nielsen & Associates LLC  
\_\_\_\_\_  
(Principal) \_\_\_\_\_ (Seal)  
  
\_\_\_\_\_  
(Title) Roland Schneider, Authorized Agent & VP  
Continental Casualty Company  
\_\_\_\_\_  
(Surety) \_\_\_\_\_ (Seal)  
  
\_\_\_\_\_  
(Title) Adrienne C. Stevenson, Attorney-in-Fact

State of Georgia }  
County of Fulton } ss:

On February 1, 2022, before me, a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally appeared

Adrienne C. Stevenson

known to me to be Attorney-in-Fact of Continental Casualty Company  
the corporation described in and that executed the within and foregoing instrument, and known to me to be the person who executed the said instrument in behalf of the said corporation, and he duly acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year stated in this certificate above.

My Commission Expires August 1, 2025

  
\_\_\_\_\_  
Maria Concepcion Notary Public

**Maria Concepcion**  
**NOTARY PUBLIC**  
Fulton County, GEORGIA  
My Commission Expires 08/01/2025

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

, Individually \_\_\_\_\_ Adrienne C. Stevenson

of \_\_\_\_\_ Atlanta \_\_\_\_\_, \_\_\_\_\_ Georgia \_\_\_\_\_, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

Surety Bond Number: \_\_\_\_\_ 001 \_\_\_\_\_
Principal: \_\_\_\_\_ F.H. Paschen, S.N. Nielsen & Associates LLC \_\_\_\_\_
Obligee: \_\_\_\_\_ Lincolnwood School District No. 74 \_\_\_\_\_

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 2nd day of February, 2021.

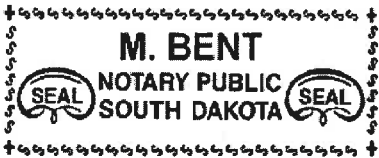


Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

Paul T. Bruflat
Vice President

State of South Dakota, County of Minnehaha, ss:

On this 2nd day of February, 2021, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires March 2, 2026

M. Bent
Notary Public

CERTIFICATE

I, D. Johnson, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 1st day of February, 2022.



Continental Casualty Company
National Fire Insurance Company of Hartford
American Casualty Company of Reading, Pennsylvania

D. Johnson
Assistant Secretary

## Authorizing By-Laws and Resolutions

### ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

**“RESOLVED:** That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

### ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

**“RESOLVED:** That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

### ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

**“RESOLVED:** That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

SECTION 004113 – BID FORM

NAME: F.H. Paschen, S.N. Nielsen & Associates LLC

ADDRESS: 5515 N. East River Road

CITY: Chicago, Illinois ZIP: 60656

PHONE: (773)- 444-3474 FAX: (773)- 693-0064

TO: Lincolnwood School District 74  
6950 N. East Prairie Road  
Lincolnwood, IL 60712

Attn: Mrs. Courtney Whited

1. BASE BID

The Undersigned, having inspected the construction site and having familiarized themselves with the conditions likely to be encountered affecting the cost and schedule of the Work, and having thoroughly familiarized themselves with the Bidding Documents; hereby proposes to provide all labor, material, tools, equipment, utilities, transportation, supervision and services required for the proper execution of the entire Work required, in strict accordance with the Contract Documents for the **2022 General Work at Todd Hall and Rutledge Hall** work prepared by StudioGC for the Base Bid Sum, plus any allowances, for the Total Bid Amount listed below:

Base Bid:	\$ <u>605,000</u>
Allowance No. 1: Contingency Allowance	\$ <u>25,000.00</u>
TOTAL BID AMOUNT:	\$ <u>630,000</u>
<u>Six Hundred Thirty Thousand</u> Dollars	

and, if this proposal is accepted, agrees to execute a formal Contract subject to modifications as may be exercised by the Owner under alternate proposals.

2. ALTERNATE PROPOSALS

a. No Alternates

3. BREAK OUT PRICES

Provide a bid price breakdown for the following items. Include the cost of overhead and profit associated with these items below. These break out costs are for internal Owner accounting purposes only. They shall not be considered Alternate Bids and **must be included in the Contractor's Base Bid amount.**

a. Emergency lighting fixtures, exit signage, pressure switches, and grounding electrodes.  
\$ 43,395

- b. Installation of roof top units (including mechanical, electrical, controls work).  
\$ 42,120
- c. Lincoln Hall scope of work.  
\$ 38,445

4. UNIT PRICES

- a. No unit prices

5. SUBCONTRACTORS

Indicate each subcontracted trade or equipment supplier, subcontractor, and subcontract amount for all subcontracts greater than \$25,000.00. The bidder (Contractor) affirms that their Bid includes Subcontract Bids from the following entities for the specific trades indicated, and that should this bid be accepted, Contractor fully intends to enter into a subcontract agreement with each subcontractor indicated. Include only one name per Trade or Supplier. In the event that the designated subcontractor is not willing or is otherwise unable to enter into an agreement with the successful Contractor, Contractor must provide to the Owner a letter on the Subcontractor's letterhead indicating that the Subcontractor is unwilling to enter into said agreement, including the reason(s) for such action. If such documentation is not received by the Owner within ten (10) days following bid opening, Owner may consider the bid to be non-responsive.

TRADE/EQUIPMENT	COMPANY NAME	SUBCONTRACT AMOUNT
<u>Carpentry</u>	<u>FHP Carpentry</u>	\$ <u>5,730</u>
<u>Glazing</u>	<u>Pes Plains Glass</u>	\$ <u>5,000</u>
<u>Plaster/Paint</u>	<u>Celtic Commercial Painting</u>	\$ <u>1,920</u>
<u>HVAC/Controls</u>	<u>Westside Mechanical</u>	\$ <u>276,250</u>
<u>Electrical</u>	<u>Basset Electrical</u>	\$ <u>159,395</u>
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____

- 6. UNDERSTANDING: The Undersigned in submitting this proposal agrees to the following:
  - a. Not to withdraw their proposal for a period of 60 days after the date of the Bid Opening.
  - b. To enter into and execute a Contract, if same is awarded to them on the basis of this Proposal, and to furnish Contract Bonds, within five days of a written "Notice of Award".

- c. To construct the Work in accordance with the intent of the Contract documents.
  - d. That the owner reserves the right to reject any and all Bids and to waive irregularities in the Bidding, and to award the contract in its best interest.
  - e. That any alterations to this Bid Form will result in disqualification of the Bid.
7. **CONTRACT DOCUMENTS:** The Undersigned acknowledges the following documents as the basis for their proposal:
- a. Instructions to Bidders.
  - b. Agreement: AIA Document A101, 2017 Edition by reference.
  - c. The General Conditions of the Contract for Construction, AIA Form A201, 2017 Edition by reference.
  - d. Supplementary General Conditions.
  - e. Project Manual dated January 18, 2022, including all Divisions and Sections of the Specifications.
  - f. Drawings indexed on Sheet T-1 of the Drawings, all dated January 18, 2022.
  - g. Addenda: The undersigned further acknowledges receipt of Addenda as listed below and represents that any additions to, modifications of, or deletions from the Work specified, as called for in these Addenda, are included in the Base Bid Sum and the Alternates.

<u>ADDENDUM NO.</u>	<u>DATE</u>
<u>1</u>	<u>January 21, 2022</u>
<u>2</u>	<u>January 31, 2022</u>
<u>3</u>	<u>February 1, 2022</u>
<u>4</u>	<u>FEBRUARY 2, 2022</u>

(NOTE: If no Addenda have been received, write "NONE".)

- 8. **BID SECURITY:** The undersigned shall attach to this Form of Proposal a Bid Bond, in an amount not less than 10% of the Base Bid amount, payable to the Board of Education, Lincolnwood School District 74 which is agreed will be forfeited to the Board of Education if the undersigned fails to execute the Standard Form of Owner/Contractor Agreement (AIA Document A101, 2017 Edition), as modified herein as modified herein by the Supplementary Conditions and General Conditions of the Contract for Construction (AIA Document A201, 2017 edition), as modified herein by the Supplementary Conditions, and which is hereby made a part of this Contract Document by reference, and furnish evidence of their ability to become bonded and provide insurance coverage as specified, within five days after Owner's notification of the intent to award the contract to the undersigned.
- 9. In signing and submitting this bid, the undersigned certifies that all materials and construction to be provided are as specified in the proposed Contract Documents.
- 10. **TIME OF COMPLETION:** If awarded the Contract for Construction, the Bidder agrees to complete all work for the Owner's occupancy on or before the following dates:
  - a. Commence Construction Work on site: June 20, 2022
    - 1) Todd Hall mechanical unit crane operations for demolition and new installation to occur between June 27, 2022 and July 8, 2022.
  - b. Final Completion of Work: August 5, 2022
- 11. **TAX EXEMPTION:** The Owner is exempt from the Illinois Retailer's Occupation Tax and Use Tax (Sales Tax). The Bidder shall exclude such taxes from consideration in preparing their bid.
- 12. **ADDRESS, LEGAL STATUS AND SIGNATURE OF BIDDER**

- a. The Undersigned hereby designates the address given below as the legal address to which all notices, directions, or other communications may be served or mailed.

Name of Firm or Joint Venture: F.H. Paschen, S.N. Nielsen & Associates LLC

Street Address: 5515 N. East River Road

City: Chicago

State: Illinois

Zip: 60656

Telephone: 773-444-3474

- b. The Undersigned hereby declares that the Bidder has the legal status indicated below.

- 1) If a partnership, give full names of all partners:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 2) If a corporation, indicate state in which incorporated:

\_\_\_\_\_

Affix Seal

- c. The Undersigned hereby affirms that they are qualified to do business in the State of Illinois.

- d. Signatures:

- 1) Individual, partnership or corporation:

Name: F.H. Paschen, S.N. Nielsen & Associates LLC

By: 

Title: Roland Schneider, Authorized Agent & VP

- 2) Parties to Joint Venture:

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

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

CERTIFICATE

I do hereby certify that the following is a true, complete and correct copy of a resolution of the Directors of FHP Management, Inc., the Sole Manager of F.H. Paschen, S.N. Nielsen & Associates LLC on November 12, 2021.

RESOLVED, that the following are hereby authorized to execute and deliver for and on behalf of F. H. Paschen, S.N. Nielsen & Associates LLC contracts of all kinds, including but not limited to, construction proposals, bids, construction contracts, joint venture agreements, change orders, bid bonds, payment and performance bonds, letters of credit and any and all documents, instruments and papers which in their discretion may be necessary, expedient, or proper for the presentation of a proposal and if awarded a contract for the construction upon which F. H. Paschen, S.N. Nielsen & Associates LLC is engaged or will become engaged as a Contractor or Manager; The Agents are As Follows:

James V. Blair	Agent
James J. Habschmidt	Agent
Joseph V. Scarpelli	Agent
Robert F. Zitek	Agent
Charles Freiheit	Agent
Roland Schneider	Agent
Leo J. Wright	Agent
Michael Kusbel	Agent
David Alexander	Agent

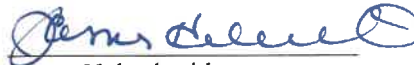
Resolved further, that the following are authorized to sign on behalf of F.H. Paschen, S.N. Nielsen & Associates LLC, any construction proposals, bids, construction contracts, change orders, subcontract agreements, task orders and purchases orders:

Tedd Bloom	Agent	Ronald Rydosz	Agent
Jeremy Seyller	Agent	Matthew Moss	Agent
Wayne Thompson	Agent	Timothy B. Stone	Agent
Anthony Izzi	Agent	Francis Mullaghy	Agent
Charles E. Johnson	Agent	William Rocha	Agent
Kenneth Swartz	Agent		

Resolved further, James J. Habschmidt, Secretary and each Assistant Secretary of of FHP Management, Inc., the Sole Manager of F.H. Paschen, S.N. Nielsen & Associates LLC is authorized to certify the foregoing resolution to any third party to further business operations of F.H. Paschen, S.N. Nielsen & Associates LLC.

I do hereby further certify that said resolution has not been amended or repealed and is in full force and effect.

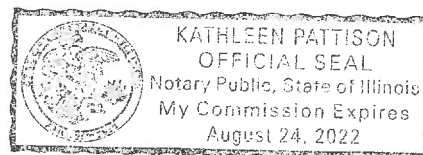
IN WITNESS WHEREOF I have hereunto set my hand as Secretary of FHP Management, Inc., the Sole Manager of F. H. Paschen, S.N. Nielsen & Associates LLC., this 2<sup>nd</sup> day of December, 2021.

  
James Habschmidt  
Secretary

State of Illinois  
County of Cook

Subscribed and sworn to before me this 2<sup>nd</sup> day of December, 2021.

  
Notary Public



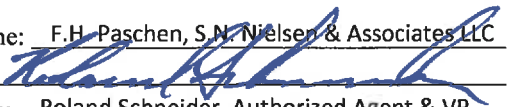
**BIDDER’S REQUIRED BID DOCUMENTS CHECKLIST**

**All Bidders must submit this form, completed in its entirety and signed, with their bid.**

Below is a list of all documents and attachments which must be included with a bid in order for the bid to be considered a complete bid. Bidders must check boxes to indicate each item has been included with this bid.

- 004113 – Bid Form, including all attachments listed below:
  - Bidder’s Required Bid Documents Checklist
  - Bidder’s Responsibility Information
  - Attachment 1 To Bidder’s Responsibility Information
  - Financial reports for the two consecutive, most recently available years.
  - References and project names of all projects as set forth in Section 004395 – General Requirements
- 004325 – Substitutions
- 004345 - Certificate of Prevailing Wage Requirements
- 004347 – Certification of Jobsite Covid-19 Requirements Compliance
- 004353 – Certification of Illinois Preference Act Requirements
- 004519 - Non-Collusion Affidavit
- 004521 - Bidder Eligibility Certificate
- 004546 - Certificate of Compliance with Illinois Drug-Free Workplace Act
- 004548 - Certificate Regarding Non-Discrimination in Employment – Protected Categories
- 004550 - Certificate Regarding Sexual Harassment Policy
- 004552 - Certificate Regarding Criminal Background Investigations
- Documentation of a minimum of five continuous years in business as detailed in Section 004395 General Requirements, Item 1.2.A.1.
- Documentation that the Project Manager assigned to the project meets the requirements as detailed in Section 004395 General Requirements, Item 1.2.B and 1.2.B.1.
- Documentation that the Contractor meets the requirements as detailed in Section 004395 General Requirements, Item 1.2.C.
- Documentation that Contractor’s Insurance Rating is 1.0 or less.
- Letter from President of the Company certifying absence of any filings for protection from creditors under federal bankruptcy laws and/or placement under receivership or similar restrictions in the last five years.
- Letter from President of the Company certifying absence of contracts terminated by Owner for non-performance in the past five years, except where not due to the material fault of the Bidder.
- Letter from bonding company certifying absence of claims on Bidder’s bond in the past five years, except where not due to the material fault of the Bidder.
- Completed AIA Document A305, Contractor’s Qualification Statement.

Signature:

Name: F.H. Paschen, S.N. Nielsen & Associates LLC  
By:   
Title: Roland Schneider, Authorized Agent & VP

**THIS FORM MUST BE SUBMITTED WITH BID**

**BIDDER'S RESPONSIBILITY INFORMATION**

Information required to be submitted with bid to facilitate application of Bidder Responsibility Criteria as described in Section 004395 of the Project Manual:

1. Date of establishment of current form of business organization: April 21, 2003
2. Type of current form of business organization: Limited Liability Company
3. State of registration of current form of business organization: Illinois
4. Name of bidder's project manager with experience limits set forth in Section 004395 – General Requirements:  
Dan Zivilik
5. Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Use Attachment 1 as the form on which to provide this information.
6. Enclose with this form independently prepared financial reports for the two consecutive, most recently available years.
7. Case, caption, number and court for any bankruptcy, receivership or similar proceeding involving the bidder other than solely as a claimant:  
None
8. List contracts terminated by owner for non-performance within the past five years of this project's bid date, and the name, address, and telephone number of Owner's representative under all such contracts:  
None
9. List contracts on which a claim against the bidder's bond was made within the past five years of this project's bid date, and the name, address, and telephone number of owner's representative under all such contracts.  
None
10. **Enclose with this form** a list of references and project names of all projects as set forth in Section 004395 – General Requirements. The references must include the names of contact person who are or were officials representing the Owner who are familiar with the Bidder's performance.

**THIS FORM MUST BE SUBMITTED WITH BID**

**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project Western Trails Elementary Renovations
2. Contract Price as Bid: \$ 4,311,284.34
3. Final Contract Price: \$ 4,311,284.34
4. Contract Start Date 06/04/2021
5. Contract Completion Date: 09/06/2021
6. Date of Substantial Completion: 04/04/2021
7. Date of Final Completion: 09/06/2021
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
N/A
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A
12. Name, address, and telephone number of owner's representative:  
John Benedetti  
benedj@ccsd93.com  
630.539.3290

END OF SECTION 004113

# Western Trails Elementary Renovations

COMMUNITY CONSOLIDATED SCHOOL DISTRICT 93 - CAROL STREAM, IL

## DESCRIPTION:

The project consists of converting an existing learning resource center into a collaborative Innovation Center. The Innovation Center will create a more dynamic, flexible and engaging learning environment that will enable students to take on a much wider array of projects and learning opportunities. Work also included the renovation of the main office, a new storefront entry vestibule, roofing replacement, MEP upgrades, an exterior trash enclosure, and privacy locker installations. The revised front entrance will add aesthetic appeal & increase student safety.

## PROJECT INFO

**Size:** 5,500 sf

**Contract Value as Bid:**  
\$4,311,284.34

**Final Contract Value:**  
\$4,311,284.34

**Start Date:** 6/4/2021

**Completion Date:** 9/6/2021

**Substantial Completion Date:**  
8/4/2021

**Final Completion Date:**  
9/6/2021

**Client Contact:**  
John Benedetti, Assistant  
Superintendent  
630.539.3290  
benedj@ccsd93.com



**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project CCSD93 Innovation Center & Entry Renovations
2. Contract Price as Bid: \$ 5,179,500
3. Final Contract Price: \$4,867,889
4. Contract Start Date 06/04/2019
5. Contract Completion Date: 09/05/2019
6. Date of Substantial Completion: 08/08/2019
7. Date of Final Completion: 09/05/2019
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
N/A
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A
12. Name, address, and telephone number of owner's representative:  
John Benedetti  
benedj@ccsd93.com  
630.539.3290

END OF SECTION 004113

# Innovation Center & Entry Renovations

COMMUNITY CONSOLIDATED SCHOOL DISTRICT 93 - CAROL STREAM & HANOVER PARK, IL

## DESCRIPTION:

Paschen completed this summer critical project at three different schools in Community Consolidated School District 93 (Jay Stream Middle School, Heritage Lakes Elementary School, and Elsie Johnson Elementary School). Work included renovating the existing libraries into collaborative innovation centers, as well as constructing secure entry vestibules and new exterior canopies. The completed Innovation Centers include a Genius Bar with high level finishes, a media room with curved operable partitions, critical thinking spaces, presentation and classroom areas, think tanks with sliding barn doors, a collaboration lounge, oval corridors, offices, and other support spaces.

## PROJECT INFO

**Size:** 15,000 sf

**Contract Value as Bid:**  
\$5,179,500

**Final Contract Value:**  
\$4,867,889

**Start Date:** 6/4/2019

**Completion Date:** 9/5/2019

**Substantial Completion Date:**  
8/8/2019

**Final Completion Date:**  
9/5/2019

**Client Contact:**  
John Benedetti, Assistant  
Superintendent  
630.539.3290  
benedj@ccsd93.com



F.H. Paschen

Use or disclosure of data contained on this sheet is subject to the restriction on the contents page of this proposal.

**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project School District U-46 High School Stadium
2. Contract Price as Bid: \$4,614,777
3. Final Contract Price: \$4,514,520.59
4. Contract Start Date 04/07/2020
5. Contract Completion Date: 10/03/2020
6. Date of Substantial Completion: 08/28/2020
7. Date of Final Completion: 10/03/2020
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
12. Name, address, and telephone number of owner's representative:  
VP Trinh  
2050 South Finley Rd Suite 40, Lombard, IL 60148  
630.495.1900  
\_\_\_\_\_

END OF SECTION 004113

# School District U-46 High School Stadium

SCHOOL DISTRICT U-46 - ELGIN, IL

## DESCRIPTION:

F.H. Paschen provided general contractor services for summer critical improvements at Elgin High School. The scope of work consisted of upgrading a 150,000 SF running track before the new school year started. The track improvements involved replacing the asphalt and synthetic track system, paving improvements, new stone placement, and installing a drainage system under the synthetic turf.

The site features new Musco sports lighting, fencing and traffic guardrails, and waterproofed bleachers. F.H. Paschen coordinated the installation for new field turf, visitor bleachers, a press box for the existing home side bleachers.

## PROJECT INFO

**Size:** 150,000 sf

**Contract Value as Bid:**  
\$4,614,777

**Final Contract Value:**  
\$4,514,520.59

**Start Date:** 4/7/2020

**Completion Date:** 10/3/2020

**Substantial Completion Date:**  
8/28/2020

**Final Completion Date:**  
10/3/2020

**Client Contact:**  
VP Trinh, Principal  
630.495.1900  
vptrinh@arconassoc.com



F.H. PASCHEN

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**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project Keeneyville School District 20 Innovation Centers
2. Contract Price as Bid: \$ 2,848,726.35
3. Final Contract Price: \$3,049,289.51
4. Contract Start Date 05/04/2020
5. Contract Completion Date: 08/10/2020
6. Date of Substantial Completion: 08/03/2020
7. Date of Final Completion: 08/10/2020
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
N/A
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A
12. Name, address, and telephone number of owner's representative:  
Wendy Flaherty  
5540 Arlington Dr, Hanover Park, IL 60133  
630.894.4608

END OF SECTION 004113

# Innovation Centers

KEENEYVILLE SCHOOL DISTRICT 20 - ROSELLE & HANOVER PARK, IL

## DESCRIPTION:

F.H. Paschen was hired as the Construction Manager for Keeneyville School District 20 to provide preconstruction and construction services for renovations at Waterbury and Spring Wood Elementary Schools. The existing libraries were transformed into more open and collaborative innovation centers, including break out rooms, meeting spaces, and STEM rooms. Additional work included renovations in supplementary spaces such as the IT Director Office, Specialist Offices, classroom/reading room, and classroom spaces near the libraries.

## PROJECT INFO

**Size:** 26,100 sf

**Contract Value as Bid:**  
\$2,848,726.35

**Final Contract Value:**  
\$3,049,289.51

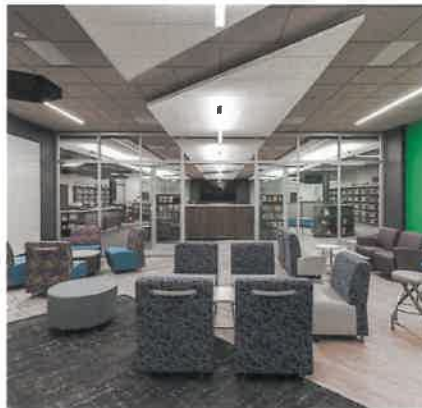
**Start Date:** 05/04/2020

**Completion Date:** 08/10/2020

**Substantial Completion Date:**  
08/03/2020

**Final Completion Date:**  
08/10/2020

**Client Contact:**  
Wendy Flaherty, Director of  
Operations  
630.894.4608  
wflaherty@esd20.org



F.H. PASCHEN

Use or disclosure of data contained on this sheet is subject to the restriction on the contents page of this proposal.

**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project Niles 2020 Science Lab and General Work Renovations
2. Contract Price as Bid: \$ 9,679,000
3. Final Contract Price: \$ 9,702,791.19
4. Contract Start Date 03/30/2020
5. Contract Completion Date: 08/04/2020
6. Date of Substantial Completion: 08/31/2020
7. Date of Final Completion: Fall 2020
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
Additional fume hood and casework modifications  
\_\_\_\_\_  
\_\_\_\_\_
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A  
\_\_\_\_\_  
\_\_\_\_\_
12. Name, address, and telephone number of owner's representative:  
Nicholas Jahnke  
700 Gross Point Rd, Skokie IL 60077  
312.208.9851  
\_\_\_\_\_

END OF SECTION 004113

# Science Classroom Renovations

NILES TOWNSHIP HIGH SCHOOL DISTRICT 219 - NILES, IL

## DESCRIPTION:

F.H. Paschen completed critical renovations to chemistry, physics, and biology science laboratories and bathrooms at Niles North High School, which include new casework, fume hoods, and MEPs. Additional work consisted of upgrades to the field house and gymnasium, including new flooring and lighting throughout. We additionally completed a culinary kitchen renovation at Niles West High School.



## PROJECT INFO

**Size:** 60,000 sf

**Contract Value as Bid:**  
\$9,679,000.00

**Final Contract Value:**  
\$9,702,791.19

**Start Date:**  
3/30/2020

**Completion:** 8/4/2020

**Substantial Completion:**  
8/31/2020

**Final Completion:**  
Fall 2020

### Client Contact:

Nicholas Jahnke, Director of  
Operations  
312.208.9851  
nicjah@d219.org

**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project Jay Stream Middle School STEM Lab
2. Contract Price as Bid: \$ 5,223,408.10
3. Final Contract Price: \$ 5,206,528
4. Contract Start Date 12/20/2019
5. Contract Completion Date: 08/03/2020
6. Date of Substantial Completion: 08/06/2020
7. Date of Final Completion: 09/07/2020
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
Final contract price decreased. F.H. Paschen credited back owner's contingency
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A
12. Name, address, and telephone number of owner's representative:  
John Benedetti  
230 Covington Drive, Bloomingdale, IL 60108  
630.539.3290

END OF SECTION 004113

# STEM Lab Addition

COMMUNITY CONSOLIDATED SCHOOL DISTRICT 93 - CAROL STREAM, IL

## DESCRIPTION:

F.H. Paschen was hired as the Construction Manager for the District to build a 5,400 sf STEM Lab at Jay Stream Middle School, which includes 6 science labs, a design and research room, a virtual reality room, and a single sloped skylight spanning the length of the corridor.

## PROJECT INFO

**Size:** 5,400 sf

**Contract Value as Bid:**  
\$5,223,408

**Final Contract Value:** \$5,206,528

**Start Date:** 12/20/2019

**Completion Date:** 8/3/2020

**Substantial Completion Date:**  
8/6/2020

**Final Completion Date:** 9/7/2020

### Client Contact:

John Benedetti, Assistant  
Superintendent  
630.539.3290  
benedj@ccsd93.com



F.H. Paschen as the Construction Manager, would not have been successful if it wasn't for your team's hard work, dedication, and commitment to the project. The team exceeded expectations and the completed, absolutely fabulous Jay Stream project is a testament to the high quality execution and workmanship that we will come to expect for all future projects.

– V.P. Trinh, ARCON Associates



F.H. PASCHEN

Use or disclosure of data contained on this sheet is subject to the restriction on the contents page of this proposal.

**ATTACHMENT 1 TO BIDDER'S RESPONSIBILITY INFORMATION**

Identification of projects which meet the requirements set forth in Section 004395 – General Requirements. Fill out one sheet for each project. Duplicate as necessary.

1. Name of Project Bridges Program Renovations
2. Contract Price as Bid: \$ 10,188,860.00
3. Final Contract Price: \$ 10,172,262.79
4. Contract Start Date 01/27/2020
5. Contract Completion Date: 07/17/2020
6. Date of Substantial Completion: 07/31/2020
7. Date of Final Completion: 09/04/2020
8. Identification of change orders which increased contract price or completion date were due to the material fault of the Bidder.  
Final contract price was decreased. F.H. Paschen credited back owner's contingency.
9. Identification of any litigation, mediation or arbitration in which the bidder is or was a party, including the case caption, number and court, mediator or arbitrator and reasons for bidder's involvement:  
N/A
10. Identification of claims on the Bidder's bond by owner, subcontractor or others which were due to the material fault of the Bidder.  
N/A
11. Identification of mechanic's liens filed against the owner and reasons for liens:  
N/A
12. Name, address, and telephone number of owner's representative:  
Nicholas Jahnke  
7700 Gross Point Rd, Skokie IL 60077  
312.208.9851

END OF SECTION 004113

# Bridges Program Renovations

NILES TOWNSHIP HIGH SCHOOL DISTRICT - LINCOLNWOOD, IL

## DESCRIPTION:

District 219's Bridges Program provides special education transition services ("bridges") to young adults from ages 18 to 22, with training in areas of independent living, job, and vocational skills. The previous home for the Bridges Program was located at Niles North, but the students have since outgrown the space and have moved into this new location in Lincolnwood for the 2020 school year.

This project consisted of a full interior renovation of an existing one story, 50,000 sf warehouse building, which included: new mechanical, electrical, plumbing and fire suppression systems, roof replacement, window replacements, secure entryway storefront, site improvements, and paving. In addition to classrooms, offices, and multipurpose spaces, the new space includes a commercial kitchen, commercial and residential laundry labs, apartment space, a gymnasium, and retail space.

## PROJECT INFO

**Size:** 50,000 sf

**Contract Value ad Bid:**  
\$10,188,860.00

**Contract Value:** \$10,172,262.79

**Start:** 1/27/2020

**Completion:** 7/17/2020

**Substantial Completion:**  
7/31/2020

**Final Completion:** 9/4/2020

### Client Contact:

Nicholas Jahnke, Director of Operations  
312.208.9851  
nicjah@d219.org



F.H. Paschen

Use or disclosure of data contained on this sheet is subject to the restriction on the contents page of this proposal.

SECTION 004325 – SUBSTITUTIONS

All bids shall be based upon the Contractor providing materials and equipment as required by the proposed Contract Documents.

Bidders desiring to propose substitutions for acceptable manufacturers, suppliers, materials and/or equipment indicated within the specifications shall list below such proposed substitutions, along with the amount to be added or deducted from the lump sum base bid should the Owner decide to accept such proposed substitutions.

The Owner reserves the right to reject any and all such proposed substitutions.

Proposed substitutions will not be used to determine the low bid.

In order to receive consideration, each proposed substitution shall be accompanied by complete technical data and written description of material or product, including effect on the construction schedule.

Note: Manufacturers, suppliers, materials and/or equipment approved by the Architect prior to the scheduled time for receipt of Bids, but not indicated in Addenda, must be listed below if said change from the specification requirements is to be considered.

<u>ITEM SPECIFIED</u>	<u>PROPOSED SUBSTITUTION</u>	<u>ADD</u>	<u>DEDUCT</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Name of Bidder: F.H. Paschen, S.N. Nielsen & Associates LLC

Date: February 4, 2022

END OF SECTION 004325

SECTION 004345 – CERTIFICATION OF PREVAILING WAGE REQUIREMENTS

CERTIFICATION OF PREVAILING WAGE REQUIREMENTS

Roland Schneider, Authorized Agent & VP of  
I, F.H. Paschen, S.N. Nielsen & Associates LLC, Contractor, hereby certifies that all laborers, workers and mechanics performing work under the contract shall not be paid less than the prevailing wage as found by the Illinois Department of Labor or the Board of Education, and that Contractor and all subcontractors shall in all other respects comply with the *Prevailing Wage Act* in carry out work under the contract. If, during the course of work under this contract, the Department of Labor revises the prevailing rate of hourly wages to be paid under this contract, Contractor shall have the sole responsibility and duty to ensure that the revised prevailing rate of hourly wages is paid by Contractor and all subcontractors to each worker to whom a revised rate is applicable. Revisions to the prevailing wage as set forth above shall not result in an increase in the contract sum. Contractor shall protect, defend, indemnify and hold the Owner harmless for any claims or demands made as a result of Contractor's failure to comply with this certification.

Certified By:  Dated: February 4, 2022  
(Contractor's Authorized Representative)

Roland Schneider  
(Name of Contractor or Subcontractor's Representative)

Authorized Agent & VP  
(Title of Representative)

F.H. Paschen, S.N. Nielsen & Associates LLC  
(Name of Contractor or Subcontractor)

Address of Contractor or Subcontractor:

5515 N. East River Road

Chicago, Illinois 60656

SUBSCRIBED and SWORN TO before me this 4th day of February, 2022.

  
(Notary Public)



END OF SECTION 004345

SECTION 004347 – CERTIFICATION OF JOBSITE COVID-19 REQUIREMENTS COMPLIANCE

CERTIFICATION OF JOBSITE COVID-19 REQUIREMENTS COMPLIANCE

Roland Schneider, Authorized Agent & VP of  
I, F.H. Paschen, S.N. Nielsen & Associates LLC, Contractor, hereby certifies that all laborers, workers and mechanics performing work under the contract shall at all times while on the job site comply with applicable requirements of the National Center for Disease Control, Illinois Department of Public Health, and the Illinois State Board of Education as they pertain to health and safety guidelines relative to control of the disease commonly known as Covid-19, and that Contractor and all subcontractors shall in all other respects comply with the these requirements as they carry out work under the contract. If, during the course of work under this contract, any of the above entities modify their requirements as they pertain to control to Covid-19, Contractor shall have the sole responsibility and duty to ensure that the revised requirements are stringently adhered to. Revisions to the requirements as set forth above shall not result in an increase in the contract sum. Individual workers who fail to adhere to these requirements will not be allowed access to the job site. Contractor shall protect, defend, indemnify and hold the Owner harmless for any claims or demands made as a result of Contractor’s failure to comply with this certification.

Certified By:  Dated: February 4, 2022  
(Contractor’s Authorized Representative)

Roland Schneider  
(Name of Contractor of Subcontractor’s Representative)

Authorized Agent & VP  
(Title of Representative)

F.H. Paschen, S.N. Nielsen & Associates LLC  
(Name of Contractor or Subcontractor)

Address of Contractor or Subcontractor:  
5515 N. East River Roar  
Chicago, Illinois 60656

SUBSCRIBED and SWORN TO before me this 4th day of February, 2022.

  
(Notary Public)



END OF SECTION 004347

SECTION 004353 – CERTIFICATION OF ILLINOIS PREFERENCE ACT REQUIREMENTS

CERTIFICATION OF ILLINOIS PREFERENCE ACT REQUIREMENTS

Roland Schneider, Authorized Agent & VP of  
I, F.H. Paschen, S.N. Nielsen & Associates LLC \_\_\_\_\_, Contractor, hereby certifies that it will use at least 90%  
Illinois laborers on all public works projects that receive State funds or funds administered by the State during a  
period of excessive unemployment. Excessive unemployment is defined as any month immediately following two  
(2) consecutive calendar months that the Illinois unemployment rate exceeds 5%. Contractor shall protect, defend,  
indemnify and hold the Owner harmless for any claims or demands made as a result of Contractor’s failure to  
comply with this certification.

Certified By: *Roland Schneider* Dated: February 4, 2022  
(Contractor’s Authorized Representative)

Roland Schneider  
(Name of Contractor of Subcontractor’s Representative)

Authorized Agent & VP  
(Title of Representative)

F.H. Paschen, S.N. Nielsen & Associates LLC  
(Name of Contractor or Subcontractor)

Address of Contractor or Subcontractor:

5515 N. East River Road

Chicago, Illinois 60656

SUBSCRIBED and SWORN TO before me this 4th day of February, 2022.

*Kathleen Pattison*  
(Notary Public)



END OF SECTION 0043535

SECTION 004519 – NON-COLLUSION AFFIDAVIT

AFFIDAVIT: "I (we) hereby certify and affirm that my (our) proposal was prepared independently for this project and that it contains no fees or amounts other than for the legitimate execution of this work as specified and that it includes no understanding or agreements in restraint of trade."

(If an Individual)

Signature of Bidder \_\_\_\_\_ (Seal)

Business Address \_\_\_\_\_  
\_\_\_\_\_

(If a Partnership)

Firm Name F.H. Paschen, S.N. Nielsen & Associates LLC (Seal)

By  \_\_\_\_\_

Roland Schneider, Authorized Agent & VP  
Business Addresses 5515 N. East River Rd., Chicago, IL 60656 (\_\_\_\_\_)

of all Partners Same (\_\_\_\_\_)

of the Firm \_\_\_\_\_ (\_\_\_\_\_)

(If a Corporation)

Corporate Name \_\_\_\_\_

By \_\_\_\_\_

Business Address \_\_\_\_\_  
\_\_\_\_\_

(Corporate Seal)

Name of Officers: (President) \_\_\_\_\_

(Secretary) \_\_\_\_\_

(Treasurer) \_\_\_\_\_

Attest: \_\_\_\_\_

(Secretary)

Name of Bidder F.H. Paschen, S.N. Nielsen & Associates LLC

Date February 4, 2022

END OF SECTION 004519

SECTION 004521 – BIDDER ELIGIBILITY CERTIFICATE

720 ILCS 5/33E-11 requires that all contractors bidding for public agencies in the State of Illinois certify that they are not barred from bidding on public contracts for bid rigging or bid rotation.

The following certification must be completed, signed and submitted with the Bidder's Form of Proposal.  
FAILURE TO DO SO WILL RESULT IN DISQUALIFICATION OF THE BIDDER.

F.H. Paschen, S.N. Nielsen & Associates LLC, as part of its bid on a contract for  
(Firm Name of Contractor)

**LINCOLNWOOD SCHOOL DISTRICT 74  
2022 GENERAL WORK  
TODD HALL AND RUTLEDGE HALL**

certifies that said contractor is not barred from bidding on the aforementioned contract as a result of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

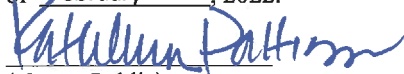
Firm Name: F.H. Paschen, S.N. Nielsen & Associates LLC

By: Roland Schneider (Typed or printed name)  
(Authorized Agent of Contractor)

  
(Signature)

Authorized Agent & VP  
(Title)

Subscribed and sworn to  
before me on this 4th day  
of February, 2022.

  
(Notary Public)



END OF SECTION 004521

SECTION 004546 – CERTIFICATE OF COMPLIANCE WITH ILLINOIS DRUG-FREE WORKPLACE ACT

[Contractors With 25 Or More Employees]

CERTIFICATE OF COMPLIANCE WITH  
ILLINOIS DRUG-FREE WORKPLACE ACT

F.H. Paschen, S.N. Nielsen & Associates LLC, having 25 or more employees, does hereby certify pursuant to Section 3 of the *Illinois Drug-Free Workplace Act* (30 ILCS 580/3) that [he, she, it] shall provide a drug-free workplace for all employees engaged in the performance of work under the contract by complying with the requirements of the *Illinois Drug-Free Workplace Act* and, further certifies, that [he, she, it] is not ineligible for award of this contract by reason of debarment for a violation of the *Illinois Drug-Free Workplace Act*.



By Authorized Agent  
Roland Schneider, Authorized Agent & VP

February 4, 2022

Date

SUBSCRIBED and SWORN TO before me  
this 4th day of February, 2022.



NOTARY PUBLIC



END OF SECTION 004546

SECTION 004548 – CERTIFICATE REGARDING NON-DISCRIMINATION IN EMPLOYMENT –  
PROTECTED CATEGORIES

CERTIFICATE REGARDING  
NON-DISCRIMINATION IN EMPLOYMENT – PROTECTED CATEGORIES

F.H. Paschen, S.N. Nielsen & Associates LLC [contractor], does hereby certify that [he, she, it] has a written policy that includes, at a minimum, the following information: (i) the definition of persons in a Protected Category in Employment under State and Federal law; (ii) the illegality of discrimination against persons in a Protected Category in Employment; (iii) an internal complaint process including penalties; (iv) the legal recourse, investigative and complaint process available through both the Illinois Department of Human Rights and Human Rights Commission and the U.S. Equal Employment Opportunity Commission; (v) directions on how to contact the Illinois Department of Human Rights and Human Rights Commission and the U.S. Equal Employment Opportunity Commission; and (vi) protection against retaliation.

Discrimination against Persons in a Protected Category in Employment can occur in the following categories: Age, Disability, Equal Pay/Compensation, Genetic Information, Harassment, National Origin, Pregnancy, Race/Color, Religion, and Sex-Based Discrimination.



By Authorized Agent  
Roland Schneider, Authorized Agent & VP

February 4, 2022

Date

SUBSCRIBED and SWORN TO before me  
this 4th day of February, 2022.

  
NOTARY PUBLIC

END OF SECTION 004548

SECTION 004550 – CERTIFICATE REGARDING SEXUAL HARASSMENT POLICY

CERTIFICATE REGARDING  
SEXUAL HARASSMENT POLICY

F.H. Paschen, S.N. Nielsen & Associates LLC [contractor], does hereby certify pursuant to Section 2-105 of the *Illinois Human Rights Act* (775 ILCS 5/2-105) that [he, she, it] has a written sexual harassment policy that includes, at a minimum, the following information: (i) the illegality of sexual harassment; (ii) the definition of sexual harassment under State law; (iii) a description of sexual harassment, utilizing examples; (iv) an internal complaint process including penalties; (v) the legal recourse, investigative and complaint process available through the Department of Human Rights and Human Rights Commission; (vi) directions on how to contact the Department of Human Rights and Human Rights Commission; and (vii) protection against retaliation.



By Authorized Agent  
Roland Schneider, Authorized Agent & VP

February 4, 2022

Date

SUBSCRIBED and SWORN TO before me  
this 4th day of February, 2022.



NOTARY PUBLIC



END OF SECTION 004550

SECTION 004552 – CERTIFICATE REGARDING CRIMINAL BACKGROUND INVESTIGATIONS

Contractor hereby represents, warrants, and certifies that no officer or director thereof has any knowledge that any employee thereof has been convicted of committing or attempting to commit "Criminal Code of 2012," 720 ILCS, Sections 5/11-6 (Indecent solicitation of a child), 5/11-30 (Public indecency), 5/11-14 (Prostitution), 5/11-18 (Patronizing a prostitute), 5/11-18.1 (Patronizing a minor engaged in Prostitution), 5/14-3 (Promoting prostitution), 5/11-14.4 (Promoting juvenile prostitution), 5/11-19.1 (Sexual exploitation of a child), 5/11-20 (Obscenity), 5/11-20.1 (Child Pornography), 5/11-1.30 (Aggravated criminal sexual assault), 5/11-1.50 (Criminal sexual abuse), and 5/11-1.60 (Aggravated criminal sexual abuse), and/or those offenses defined in the "Cannabis Control Act," 720 ILCS, 550/1 et. seq. (except the "Illinois Controlled Substances Act," 720 ILCS 570/100 et. seq. and/or any offense committed or attempted in any other state or against the laws of the United States, which if committed or attempted in this State, would have been punishable as one or more of the foregoing offenses. Contractor further agrees that it shall not employ any person who have or may have direct, daily contact with the pupils and for whom a criminal background investigation has not been conducted pursuant hereto, and further represents and agrees that all applicants for any such employment shall furnish with their applications the attached written "Authorization for Criminal Background Investigations" form authorizing the Board of Education to request a fingerprint-based criminal background investigation of said applicant pursuant to Section 5/10-21.9 of the School Code of Illinois and to receive criminal history record information pursuant thereto to determine if the applicant has been convicted of committing or attempting to commit any of the criminal or drug offenses enumerated above. Contractor shall incur any costs and expenses associated with the fingerprint-based criminal background investigation. Contractor further represents, warrants, and certifies that no applicant for employment with respect to whom the criminal investigation reveals any conviction for committing and/or attempting to commit any of the above enumerated offenses, shall be employed thereby in any position that involves or may involve contact with the students. This certification is executed on the date hereinafter indicated by the designated contractor by its duly authorized officer.

By:  \_\_\_\_\_

Its: Roland Schneider, Authorized Agent & VP of F.H. Paschen, S.N. Nielsen & Associates LLC

Dated: February 4, 2022

END OF SECTION 004552

SECTION 004554 – AUTHORIZATION FOR CRIMINAL BACKGROUND INVESTIGATIONS

AUTHORIZATION FOR CRIMINAL BACKGROUND INVESTIGATION INFORMATION

The undersigned hereby authorizes the School Board, Lincolnwood School District 74, to request a fingerprint-based criminal background investigation from the Illinois State Police, pursuant to Section 5/10-21.9 of the School Code of Illinois, 105 ILCS 5/10-21.9 and to receive criminal history record information pursuant thereto.

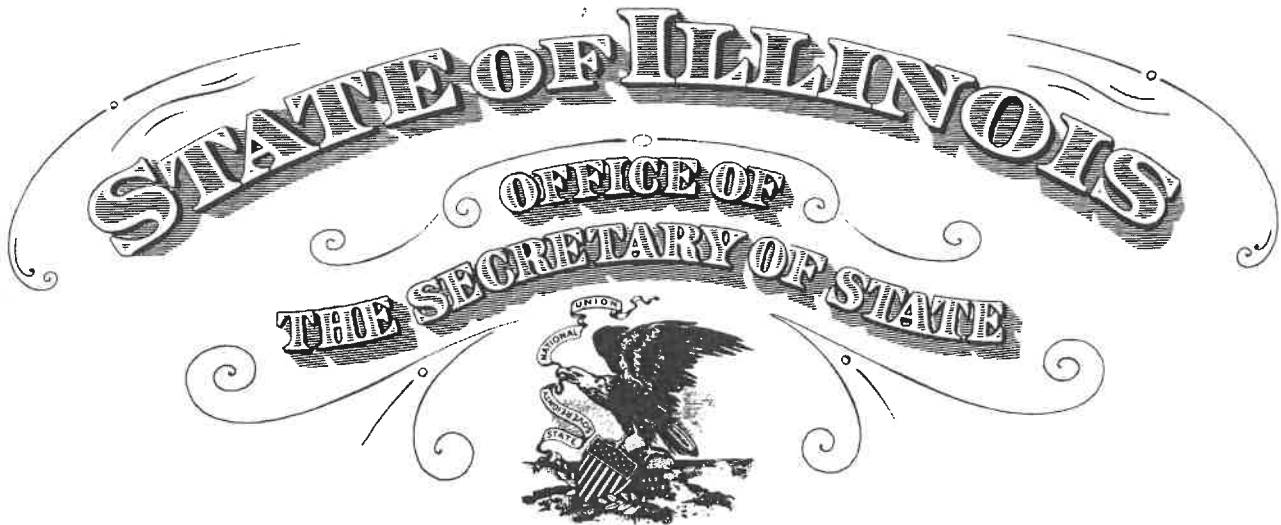
By: \_\_\_\_\_  
(Printed/Typed Name of Applicant Employee)

By: \_\_\_\_\_  
(Signature of Applicant or Employee)

Dated: \_\_\_\_\_

NOTE: SIGNATURE NOT REQUIRED FOR SUBMITTAL WITH BID. THIS IS THE FORM REFERRED TO IN SECTION 004552 FOR USE WITH EMPLOYMENT APPLICATIONS.

END OF SECTION 004554



**To all to whom these Presents Shall Come, Greeting:**

*I, Jesse White, Secretary of State of the State of Illinois, do hereby certify that I am the keeper of the records of the Department of Business Services. I certify that*

F.H. PASCHEN, S.N. NIELSEN & ASSOCIATES LLC, HAVING ORGANIZED IN THE STATE OF ILLINOIS ON APRIL 21, 2003, APPEARS TO HAVE COMPLIED WITH ALL PROVISIONS OF THE LIMITED LIABILITY COMPANY ACT OF THIS STATE, AND AS OF THIS DATE IS IN GOOD STANDING AS A DOMESTIC LIMITED LIABILITY COMPANY IN THE STATE OF ILLINOIS.

***In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois, this 9TH day of NOVEMBER A.D. 2021 .***



*Jesse White*

SECRETARY OF STATE



# MARK HOLMES

## Project Manager

### PROFESSIONAL EXPERIENCE

Mark has seven years of construction industry experience, all with F.H. Paschen. Most recently, Mark has been working on fast-track education projects for Community Consolidated School District 93, Niles Township High School District 219 and suburban municipalities. Mark will plan, direct, and coordinate all project requirements to ensure that goals and objectives are accomplished in accordance with prescribed priorities, time limitations, and funding constraints.

### REPRESENTATIVE PROJECT EXPERIENCE

#### Western Trails Innovation Center & Secure Entryway - Community Consolidated School District 93

Summer critical project including renovating the existing library into a collaborative innovation center and constructing a secure entryway.

#### Niles North General Remodeling – Niles Township High School District 219

Renovations to Niles North High School, including flooring and ceiling replacements, finishes, and MEPs.

#### Bridges Program Renovation – Niles Township High School District 219

Full interior renovation of an existing 50,000 sf facility which included classrooms and labs, new MEPs, a roof replacement, a new storefront, and site improvements. The new facility is home to 219's Bridges Program that provides post-high school training to adult graduates with special needs.

#### Trumbull Building Renovation – The Chicago Waldorf School

Renovations to this abandoned CPS school that consisted of bringing the space up to building code, interior upgrades and renovations, new ADA bathrooms, new classroom layouts, flooring, painting, architectural woodwork restoration, and new casework.

#### Construction Management Services – Private Client

F.H. Paschen upgraded this 5,000 sf open warehouse with a new cafeteria, 2 bathrooms, security office, shipping and receiving office, 3 conference rooms, and 2 storage closets. Additional work included the installation of 11 RTUs and ductwork, a new fire alarm and sprinkler system throughout the building, and MEP upgrades.

#### Pathways for Student Success Office Renovation – College of DuPage

New construction of office spaces, conference rooms, study areas and support zone with new finishes, MEPs and storefront glass.

### EDUCATION

Western Illinois University,  
B.S., Construction Management

### CERTIFICATIONS

- OSHA 30 HR
- LEED Green Associate
- Fall Protection Awareness

**7** YEARS OF  
EXPERIENCE



**Lisa Rush**  
Vice President  
Marsh USA Inc.  
540 West Madison  
Chicago, IL 60661  
+1 312 627 6248  
Lisa.Rush@Marsh.com  
www.marsh.com

September 29, 2021

**Re: F.H. Paschen, S.N. Nielsen & Associates LLC**  
Historical NCCI Experience Modification Factors

To Whom It May Concern:

I am pleased to confirm the following historical NCCI Experience Modification Rate (EMR) Factors for the above captioned entity, as follows:

- 10/01/2021 - 10/01/2022: .74
- 10/01/2020 - 10/01/2021: .88
- 10/01/2019 - 10/01/2020: .69

Please feel free to contact me directly with any further questions.

Sincerely,

Lisa Rush  
Vice President  
Construction Group



February 4, 2022

Lincolnwood School District 74  
6950 N. East Prairie Road  
Lincolnwood, Illinois 60712

Re: 1.3.A Financial Condition/Business Practices

To Whom it May Concern,

F.H. Paschen, S.N. Nielsen & Associates LLC, hereby certifies that it has not filed for protection from creditors under federal bankruptcy laws and has not been placed under receivership or similar restrictions ever in the history of this company.

F.H. Paschen, S.N. Nielsen & Associates LLC

A handwritten signature in blue ink, appearing to read 'Roland Schneider', written over a faint blue line.

Roland Schneider  
Authorized Agent & Vice President

cc: file



February 4, 2022

Lincolnwood School District 74  
6950 N. East Prairie Road  
Lincolnwood, Illinois 60712

Re: 1.3.D Financial Condition/Business Practices

To Whom It May Concern,

F.H. Paschen, S.N. Nielsen & Associates LLC has never had any contract terminated by the Owner for non-performance at any time in the 18 year history of this company.

If you have any questions or require any further information, please do not hesitate to give me a call.

F.H. Paschen, S.N. Nielsen & Associates LLC

A handwritten signature in blue ink, appearing to read 'Roland Schneider', written over a horizontal line.

Roland Schneider  
Authorized Agent & Vice President

cc: file



**Adrienne C. Stevenson**  
Vice President  
Marsh USA Inc.  
Two Alliance Center  
3560 Lenox Road, Suite 2400  
Atlanta, Georgia 30326  
adrienne.c.stevenson@marsh.com  
+1 404 995 2920  
www.marsh.com

February 1, 2022

Lincolnwood School District No. 74  
6950 N. East Prairie Road  
Lincolnwood, Illinois 60712

Re: **F.H. Paschen, S.N. Nielsen & Associates LLC**

Project: **2022 General Work  
Todd Hall and Rutledge Hall**

To Whom It May Concern:

Please consider this letter as our confirmation that there have been no known claims for surety against F.H. Paschen, S.N. Nielsen & Associates LLC within the past 5 years.

Should you have any questions, feel free to contact our office at your convenience.

Sincerely,  
Continental Casualty Company

Adrienne C. Stevenson  
Attorney-in-Fact

STATE OF GEORGIA  
COUNTY OF FULTON

I, Maria Concepcion a notary Public in and for said County, do hereby certify that  
Adrienne C. Stevenson as Attorney-in-Fact, who is personally known to me to  
be the same person whose name is subscribed to the foregoing instrument, appeared before me  
this day in person, and acknowledged that they signed, sealed, and delivered said instrument  
for and on behalf of

CONTINENTAL CASUALTY COMPANY

for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Atlanta in said County,

this 1st day of February A.D. 2022

  
\_\_\_\_\_  
Notary Public

Maria Concepcion  
NOTARY PUBLIC  
Fulton County, GEORGIA  
My Commission Expires 08/01/2025

**POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT**

Know All Men By These Presents, That Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company (herein called "the CNA Companies"), are duly organized and existing insurance companies having their principal offices in the City of Chicago, and State of Illinois, and that they do by virtue of the signatures and seals herein affixed hereby make, constitute and appoint

Adrienne C. Stevenson

, Individually

of Atlanta, Georgia, their true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on their behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind them thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of their insurance companies and all the acts of said Attorney, pursuant to the authority hereby given is hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law and Resolutions, printed on the reverse hereof, duly adopted, as indicated, by the Boards of Directors of the insurance companies.

In Witness Whereof, the CNA Companies have caused these presents to be signed by their Vice President and their corporate seals to be hereto affixed on this 2nd day of February, 2021.



Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

*Paul T. Bruflat*  
Paul T. Bruflat Vice President

State of South Dakota, County of Minnehaha, ss:

On this 2nd day of February, 2021, before me personally came Paul T. Bruflat to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company described in and which executed the above instrument; that he knows the seals of said insurance companies; that the seals affixed to the said instrument are such corporate seals; that they were so affixed pursuant to authority given by the Boards of Directors of said insurance companies and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said insurance companies.



My Commission Expires March 2, 2026

*M. Bent*  
M. Bent Notary Public

**CERTIFICATE**

I, D. Johnson, Assistant Secretary of Continental Casualty Company, an Illinois insurance company, National Fire Insurance Company of Hartford, an Illinois insurance company, and American Casualty Company of Reading, Pennsylvania, a Pennsylvania insurance company do hereby certify that the Power of Attorney herein above set forth is still in force, and further certify that the By-Law and Resolution of the Board of Directors of the insurance companies printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said insurance companies this 1st day of February, 2022



Continental Casualty Company  
National Fire Insurance Company of Hartford  
American Casualty Company of Reading, Pennsylvania

*D. Johnson*  
D. Johnson Assistant Secretary

## Authorizing By-Laws and Resolutions

### ADOPTED BY THE BOARD OF DIRECTORS OF CONTINENTAL CASUALTY COMPANY:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company at a meeting held on May 12, 1995:

“RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of Continental Casualty Company.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

### ADOPTED BY THE BOARD OF DIRECTORS OF NATIONAL FIRE INSURANCE COMPANY OF HARTFORD:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

“RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of National Fire Insurance Company of Hartford.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

### ADOPTED BY THE BOARD OF DIRECTORS OF AMERICAN CASUALTY COMPANY OF READING, PENNSYLVANIA:

This Power of Attorney is made and executed pursuant to and by authority of the following resolution duly adopted by the Board of Directors of the Company by unanimous written consent dated May 10, 1995:

“RESOLVED: That any Senior or Group Vice President may authorize an officer to sign specific documents, agreements and instruments on behalf of the Company provided that the name of such authorized officer and a description of the documents, agreements or instruments that such officer may sign will be provided in writing by the Senior or Group Vice President to the Secretary of the Company prior to such execution becoming effective.”

This Power of Attorney is signed by Paul T. Bruflat, Vice President, who has been authorized pursuant to the above resolution to execute power of attorneys on behalf of American Casualty Company of Reading, Pennsylvania.

This Power of Attorney is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 25<sup>th</sup> day of April, 2012:

“Whereas, the bylaws of the Company or specific resolution of the Board of Directors has authorized various officers (the “Authorized Officers”)to execute various policies, bonds, undertakings and other obligatory instruments of like nature; and

Whereas, from time to time, the signature of the Authorized Officers, in addition to being provided in original, hard copy format, may be provided via facsimile or otherwise in an electronic format (collectively, “Electronic Signatures”); Now therefore be it resolved: that the Electronic Signature of any Authorized Officer shall be valid and binding on the Company. “

# AIA<sup>®</sup> Document A305<sup>™</sup> – 1986

## Contractor's Qualification Statement

The Undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

**SUBMITTED TO:** Lincolnwood School District 74

**ADDRESS:** 6950 N. East Prairie Road, Lincolnwood, IL 60712

**SUBMITTED BY:** F.H. Paschen, S.N. Nielsen & Associates LLC

**NAME:** Roland Schneider, Authorized Agent & VP

**ADDRESS:** 5515 N. East River Road, Chicago, Illinois 60656

### PRINCIPAL OFFICE:

- Corporation
- Partnership
- Individual
- Joint Venture
- Other Limited Liability Company

**NAME OF PROJECT:** *(if applicable)* 2022 General Work - Todd Hall and Rutledge Hall

**TYPE OF WORK:** *(file separate form for each Classification of Work)*

- General Construction
- HVAC
- Electrical
- Plumbing
- Other: *(Specify)*

### § 1 ORGANIZATION

§ 1.1 How many years has your organization been in business as a Contractor? 43

§ 1.2 How many years has your organization been in business under its present business name? 18

§ 1.2.1 Under what other or former names has your organization operated?

FHP Tectonics Corp., F.H. Paschen, S.N. Nielsen, Inc. – Companies Affiliated Through Common Ownership

§ 1.3 If your organization is a corporation, answer the following:

- § 1.3.1 Date of incorporation:
- § 1.3.2 State of incorporation:
- § 1.3.3 President's name:
- § 1.3.4 Vice-president's name(s)

### ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This form is approved and recommended by the American Institute of Architects (AIA) and The Associated General Contractors of America (AGC) for use in evaluating the qualifications of contractors. No endorsement of the submitting party or verification of the information is made by AIA or AGC.

§ 1.3.5 Secretary's name:

§ 1.3.6 Treasurer's name:

§ 1.4 If your organization is a partnership, answer the following:

§ 1.4.1 Date of organization: April 21, 2003

§ 1.4.2 Type of partnership (if applicable): Limited Liability Membership Agreement

§ 1.4.3 Name(s) of general partner(s)

James V. Blair, , James Habschmidt, Charles Freiheit, Joseph V. Scarpelli, Roland Schneider

§ 1.5 If your organization is individually owned, answer the following:

§ 1.5.1 Date of organization:

§ 1.5.2 Name of owner:

§ 1.6 If the form of your organization is other than those listed above, describe it and name the principals:

## § 2 LICENSING

§ 2.1 List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable.

Illinois, Florida, Louisiana, Georgia, Indiana, Wisconsin, Michigan, Ohio, Kansas, Texas, Nevada, District of Columbia, Alabama, Arkansas, Pennsylvania, Virginia, Maryland

§ 2.2 List jurisdictions in which your organization's partnership or trade name is filed.

## § 3 EXPERIENCE

§ 3.1 List the categories of work that your organization normally performs with its own forces.

Earthwork, Structures, Structures Repair, Concrete, Demolition, Paving, Rough & Finish Carpentry, Drywall & Plaster, Hardware & Hollow Metal

§ 3.2 Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

§ 3.2.1 Has your organization ever failed to complete any work awarded to it?

No

§ 3.2.2 Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

Yes F.H. Paschen, S.N. Nielsen & Associates, LLC ("Paschen") is a large general contractor that has encountered litigation and other proceedings in the ordinary course of business. Paschen has a number of business-as-usual mechanics lien cases pending to which Paschen has defenses and counterclaims. There are also personal injury suits and property damage cases pending that are adequately covered by insurance and are being defended by counsel retained by Paschen's insurers.

§ 3.2.3 Has your organization filed any law suits or requested arbitration with regard to construction contracts within the last five years?

No

§ 3.3 Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please attach details.)

No

§ 3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date.

See Attached

§ 3.4.1 State total worth of work in progress and under contract:

\$1,127,794,612

§ 3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces.

See Attached

§ 3.5.1 State average annual amount of construction work performed during the past five years:

\$531,004,845

§ 3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization.

See Attached

#### § 4 REFERENCES

##### § 4.1 Trade References:

Kalgen Consultants, Inc,  
Mr. Atri Kalluri, President  
716 N. Wisconsin Ave.  
Villa Park, Illinois 60181  
630-516-0901

Schmidt Steel, Inc.  
Mr. Max Schmidt, President  
847 S. Randall Road  
Elgin, Illinois 60123  
630-327-1836

Milhouse Engineering & Construction, Inc.  
<Ms. Dolla Crater, Vice President  
60 E. Van Buren St. #1501  
Chicago, Illinois 69695  
312-884-8097

##### § 4.2 Bank References

Fifth Third Commercial Bank  
Mr. Richard Berthold, Sr. V.P.  
222 S. Riverside Plaza, 31st Fl. MD GRVR1A  
Chicago, Illinois 60606  
312-633-0210

**§ 4.3 Surety:**

**§ 4.3.1 Name of bonding company:**

Continental Casualty Company

**§ 4.3.2 Name and address of agent:**

Marsh USA  
Mr. John Johnson, Vice President  
500 W. Madison St.  
Chicago, Illinois 60661

**§ 5 FINANCING**

**§ 5.1 Financial Statement.**

**§ 5.1.1** Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items: See Attached

Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

**§ 5.1.2** Name and address of firm preparing attached financial statement, and date thereof:

BDO USA LLP  
233 N. Michigan Ave., Suite 2500  
Chicago, IL 60601  
December 31,  
2019

**§ 5.1.3** Is the attached financial statement for the identical organization named on page one?

Yes

**§ 5.1.4** If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsiidiary).

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**§ 5.2** Will the organization whose financial statement is attached act as guarantor of the contract for construction?

**§ 6 SIGNATURE**

**§ 6.1** Dated at this 4th day of February 2022

Name of Organization: F.H. Paschen, S.N. Nielsen & Associates LLC

By:   
Title: Roland Schneider, Authorized Agent & VP

§ 6.2

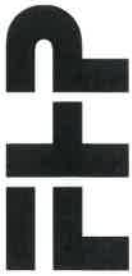
Mr Roland Schneider being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this 4th day of February 2022

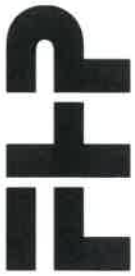
Notary Public: 

My Commission Expires: August 24, 2022

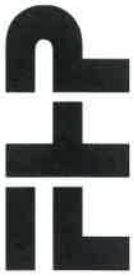




Project / Location / Client	Completion Date	Value	Architect	% Completed
<b>Harvard Clinic Renovations</b> Harvard, IL Community Health Partnership of Illinois	1/10/2022	\$1,381,714	Tilton, Kelly + Bell, LLC	82
<b>Police Heliport</b> Fairfax, VA Fairfax County Department of Public Works & Environmental Services	1/25/2022	\$10,057,329	Dewberry	50
<b>AMS Mechanical Systems - Ferrero Franklin Park</b> Franklin Park, IL FerValue USA, Inc.	2/1/2022	\$2,343,600	Ghafari Associates	60
<b>Vernon Hills MRI Phase I</b> Vernon Hills, IL SimonMed Imaging LLC	2/28/2022	\$300,000	triARC Architecture and Design	0
<b>UI Beckman Institute Cancer Center Basement Lab Renovation</b> Urbana, IL University of Illinois at Urbana-Champaign	3/28/2022	\$815,000	Reifsteck Reid & Company	0
<b>Bridgeview Courthouse Renovations</b> Bridgeview, IL Cook County Health & Hospital System	3/31/2022	\$2,750,000		10
<b>NorthPoint - Commerce Park Roadways PH II - Burley St</b> Chicago, IL NP Avenue O, LLC	4/1/2022	\$2,609,998	Jacob & Hefner Associates	20



Project / Location / Client	Completion Date	Value	Architect	% Completed
<b>Pedestrian Tunnel Renovations</b> Chicago, IL Chicago Department of Aviation	4/24/2022	\$29,359,842	Epstein	42
<b>Webster Ave Bridge over North Branch of Chicago River</b> Chicago, IL Chicago Department of Transportation	5/4/2022	\$23,289,195	Benish Consulting & Facilitation	10
<b>Lombard MRI</b> Lombard, IL SimonMed Imaging LLC	5/9/2022	\$696,400	triARC Architecture and Design	0
<b>Schaumburg MRI</b> Schaumburg, IL SimonMed Imaging LLC	5/9/2022	\$672,100	triARC Architecture and Design	0
<b>Spencer Elementary School 2021-2022 Facility Improvements</b> Spencer, IN Spencer-Owen Community Schools	6/1/2022	\$767,500	Gibraltar Design, Inc.	0
<b>WMATA Escalator Canopies</b> College Park, MD Washington Metropolitan Area Transit Authority	6/27/2022	\$28,117,000	Gannett Flemming	92
<b>South Water Street Viaduct Rehab (Beaubien Ct. to Stetson Ave.)</b> Chicago, IL Chicago Department of Transportation	7/1/2022	\$10,548,248	H.W. Lochner	46



Project / Location / Client	Completion Date	Value	Architect	% Completed
<b>Welcome Atrium at IU Hospital</b> Chicago, IL University of Illinois at Chicago - UIH	7/30/2022	\$10,068,000	Legat Architects, Inc.	11
<b>Catoclin Elementary School 3 Classroom Additions</b> Leesburg, VA Loudoun County Public Schools	9/22/2022	\$4,392,413	Samaha Associates PC	0
<b>43rd St. Pedestrian Bridge over South Lake Shore Drive</b> Chicago, IL Chicago Department of Transportation	10/19/2022	\$31,530,824	AECOM	44
<b>Former Carnotite Reduction Company Site Remediation</b> Chicago, IL City of Chicago	10/31/2022	\$16,011,152	Tetra Tech EM Inc.	6
<b>Wells/Wentworth Connector Section 3 Improvements</b> Chicago, IL Chicago Department of Transportation	11/29/2022	\$44,504,318	WSP USA	65
<b>I-20-4519 I-294 75th Street to I-55 Ramps</b> Indian Head Park, IL Illinois State Toll Highway Authority	12/31/2022	\$124,404,249	Strand Associates	48
<b>Administrative Headquarters, Fieldhouse &amp; Site Development</b> Chicago, IL Chicago Park District	1/10/2023	\$68,505,650	John Ronan Architects	7



Project / Location / Client	Completion Date	Value	Architect	% Completed
Fairfax County Courtroom Renovations Phase III Fairfax, VA Fairfax County	1/22/2023	\$4,438,100	Moseley Architects	58
White River Valley Elementary School Cafeteria Addition/Renovation Worthington, IN White River Valley School Corporation	2/1/2023	\$3,439,875		0
City of Chicago, Dept. of Transportation - Damen Green Line Elevated CTA Station Chicago, IL Chicago Department of Transportation	4/6/2023	\$67,316,000	TBD	0
ORD21 BP4 (TP11) Apron Paving & BP5 (TP15) Concrete Foundations & Flatwork Chicago, IL Austin Power Partners	8/28/2023	\$28,668,344	Muller & Muller	67
I-294 Road & Bridge Widening/Reconstruction, North Ave. to South of Grand Ave., MP33.44-35.04 Northlake, IL Illinois State Toll Highway Authority	12/1/2023	\$99,963,347	Alfred Benesch & Co.	23
I-20-4517 I-294 95th Street to Plaza 36 Justice, IL Illinois State Toll Highway Authority	12/1/2023	\$124,441,582	HDR Engineering, Inc	29
West Lake Corridor Hammond to Munster, IN Northern Indiana Commuter Transportation District	5/1/2024	\$554,940,521	Jacobs	12





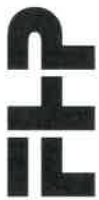
<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>UCM Fluoroscopy Lab Renovation</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$520,050	12/31/2021
<b>Elgin High School Exterior Stair Improvements</b> Elgin, IL	<b>School District U-46</b>	\$494,348	12/31/2021
<b>Clara Barton Elementary School ADA Upgrades</b> Chicago, IL	<b>Chicago Public Schools</b>	\$749,000	12/24/2021
<b>Perkins Bass Elementary School ADA Upgrades</b> Chicago, IL	<b>Chicago Public Schools</b> Scott Joslyn	\$611,000	12/24/2021
<b>John Cook Elementary School ADA Upgrades</b> Chicago, IL		\$808,000	12/24/2021
<b>SimonMed Streeterville MRI Replacement</b> Chicago, IL	<b>SimonMed Imaging LLC</b> John Simon	\$605,403	12/24/2021
<b>Kitchen and Entrance Renovations to Arlington Traditional Elementary School</b> Arlington, VA	<b>Arlington Public Schools</b>	\$1,263,138	12/23/2021
<b>Francis Hammond Middle School Multi-Use Court</b> Alexandria, VA	<b>Alexandria City Public Schools</b> Azjaigal Bartlett (202) 550-7880	\$503,944	12/22/2021
<b>Good Luck Road Facility Renovation</b> Glenn Dale, MD	<b>Washington Metropolitan Area Transit Authority</b>	\$888,881	12/11/2021



Project / Address	Owner Name & Contact	Value	Completion Date
DCA Lot K Trailer Move Washington, DC	American Airlines, Inc. Royce Ruffa (718) 416-5157	\$524,452	12/1/2021
B-41209-A Bridge Deck Overlays & Painting South Bend, IN	Indiana Department of Transportation	\$6,791,317	12/1/2021
INDOT B-41215-A US 31 Bridge Deck Overlays Marshall Co Plymouth, IN	Indiana Department of Transportation	\$2,857,948	12/1/2021
Taxiway A Rehabilitation Phase 2 Gary, IN	Gary Chicago International Airport	\$4,641,000	12/1/2021
Valvoline Willow Springs Plan - CM Support Services Willow Springs, IL	Prime Engineering, Inc.	\$35,000	11/30/2021
CCHS Belmont-Cragin Clinic Chicago, IL	Cook County Health & Hospital System Tim Ozag (312) 603-0315	\$12,115,676	11/26/2021
Gillespie Elementary School ADA Improvements Chicago, IL	Chicago Public Schools Jack O'Connell (773) 553-2280	\$914,000	11/23/2021
NorthPoint - Commerce Park Roadways PH II - 122nd St W. Leg Chicago, IL	NP Avenue O, LLC	\$1,688,200	11/22/2021



Project / Address	Owner Name & Contact	Value	Completion Date
Lake Park High School Press Box Roselle, IL	Lake Park CHSD 108	\$396,900	11/16/2021
B-41213 -A SR249&149 Bridge Deck Overlays over I-94 Porter County, IN	Indiana Department of Transportation Christien Reynolds (219) 214-8643	\$4,060,136	11/1/2021
Bridge Painting & Thin Overlay - Porter County - B-41206-A Portage, IN	Indiana Department of Transportation	\$1,740,457	11/1/2021
Center Grove Emergency Operations Center Greenwood, IN	Center Grove School Corporation Andrew Turner	\$2,059,900	10/31/2021
ORD CBIS Recap Chicago, IL	American Airlines, Inc. Al Alvarez (817) 963-1377	\$8,900,000	10/31/2021
Jardine Water Purification Plant Laboratory Improvements Chicago, IL	Chicago Department of Water Management, CTR Joint Venture Samuel Wit (312) 894-4414	\$17,894,050	10/31/2021
MWRDGC Melvina Ditch Reservoir Improvements Burbank, IL	Metropolitan Water Reclamation District of Greater Chicago	\$16,394,185	10/31/2021
NorthPoint - Commerce Park Roadways PH II - 118th Street Chicago, IL	NP Avenue O, LLC	\$1,279,000	10/30/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Bridges 272 &amp; 273 Preventative Maintenance</b> Portage Township, IL	<b>Porter County Storm Water</b> Matt Gavelek (219) 465-3608		10/30/2021
<b>Robert Black Magnet Elementary School ADA</b> Chicago, IL	<b>Chicago Public Schools</b> Craig Cuchra (773) 553-3172	\$541,000	10/22/2021
<b>James Madison Elementary School ADA</b> Chicago, IL	<b>Chicago Public Schools</b>	\$662,783	10/21/2021
<b>Rogers Elementary School ADA</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,207,700	10/21/2021
<b>Roosevelt High School ADA</b> Chicago, IL	<b>Chicago Public Schools</b>	\$488,300	10/21/2021
<b>Wendell Smith Elementary School - ADA Improvements</b> Chicago, IL	<b>Chicago Public Schools</b> Jack O'Connell (773) 553-2280	\$493,000	10/21/2021
<b>Fernwood Elementary School ADA Improvements</b> Chicago, IL	<b>Chicago Public Schools</b> Jack O'Connell (773) 553-2280	\$632,000	10/21/2021
<b>Kipling Elementary School ADA Improvements</b> Chicago, IL	<b>Chicago Public Schools</b> Jack O'Connell (773) 553-2280	\$542,232	10/21/2021
<b>Center of Excellence Facility Upgrades</b> Fort Worth, TX	<b>Aviation Technical Services</b> Chris Derderer (425) 423-3567	\$3,796,000	10/1/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>RR-20-4532 - I-88 at MP 114.2 Deerpath Road</b> Aurora, IL	<b>Illinois State Toll Highway Authority</b>	\$3,538,455	10/1/2021
<b>Leif Ericson Elementary 2021-29051-ROF</b> Chicago, IL	<b>Chicago Public Schools</b>	\$3,968,178	9/30/2021
<b>Palatine Public Library Interior Renovation</b> Palatine, IL	<b>Palatine Public Library District</b> Jeannie Dilger (847) 358-5881	\$3,736,650	9/30/2021
<b>B-41208-A US 12 Bridge Deck Overlays</b> Lake Co Gary, IN	<b>Indiana Department of Transportation</b>	\$6,738,900	9/24/2021
<b>Dett Elementary Ceiling Replacement</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,382,000	9/1/2021
<b>Dunbar Vocational</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,207,000	8/31/2021
<b>Jones College Prep</b> Chicago, IL	<b>Chicago Public Schools</b>	\$681,900	8/31/2021
<b>Simpson Academy</b> Chicago, IL	<b>Chicago Public Schools</b>	\$334,100	8/31/2021
<b>Dirksen Elementary PKC</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,445,471	8/31/2021



Project / Address	Owner Name & Contact	Value	Completion Date
Burr Elementary School Interior Classroom Renovations Chicago, IL	Chicago Public Schools	\$785,500	8/31/2021
Brentano Math & Science Academy Interior Classroom Renovations Chicago, IL	Chicago Public Schools	\$303,000	8/31/2021
B-39761-A SR 25 Super Replace and Deck Overlay Wingate Montgomery/Tippecanoe Counties, IN	Indiana Department of Transportation	\$1,148,933	8/31/2021
Lyles Crouch Academy - Windows/Exterior Walls Alexandria, VA	Alexandria City Public Schools	\$656,850	8/24/2021
Arthur Ashe Elementary ADA Chicago, IL	Chicago Public Schools Craig Cuchra (773) 553-3172	\$389,779	8/23/2021
John Pirie Fine Arts Elementary School ADA Chicago, IL	Chicago Public Schools Craig Cuchra (773) 553-3172	\$420,000	8/23/2021
Ninos Heros Academic Elementary School ADA Modifications Chicago, IL	Chicago Public Schools	\$462,000	8/20/2021
Schmid Elementary School ADA Modifications Chicago, IL	Chicago Public Schools	\$550,000	8/20/2021
Stagg Elementary School ADA Modifications Chicago, IL	Chicago Public Schools	\$408,000	8/20/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Bouchet Elementary School – PKC</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,134,250	8/20/2021
<b>Park Manor Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b> Mike Vella (773) 791-7880	\$508,655	8/20/2021
<b>Powell/Paideia Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b> Mike Vella (773) 791-7880	\$223,000	8/20/2021
<b>Tanner Elementary School - PKC</b> Chicago, IL	<b>Chicago Public Schools</b> Mike Vella (773) 791-7880	\$527,065	8/20/2021
<b>Rosewell B. Mason Elementary School - MEP</b> Chicago, IL	<b>Chicago Public Schools</b>	\$800,750	8/20/2021
<b>Chicago Public Schools – North-Grand High School – ICR</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,808,000	8/20/2021
<b>Chicago Public Schools – Kelvyn Park High School – ICR</b> Chicago, IL	<b>Chicago Public Schools</b>	\$2,857,351	8/20/2021
<b>Chicago Public Schools – Camras Elementary School – ICR</b> Chicago, IL	<b>Chicago Public Schools</b>	\$988,428	8/20/2021
<b>Mansfield, TX Main Office Building Expansion</b> Mansfield, TX	<b>USPS Southern Facilities</b> Bruce Tidmore (214) 819-7242	\$2,012,000	8/14/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Rutledge Hall Renovation</b> Lincolnwood, IL	<b>Lincolnwood School District 74</b> Jim Caldwell (847) 657-8234	\$186,324	8/13/2021
<b>Bandwall Infill</b> Villa Park, IL	<b>Salt Creek District 48</b> Frank Evans (630) 279-8400	\$15,850	8/13/2021
<b>Science Lab Demolition</b> Villa Park, IL	<b>Salt Creek District 48</b>	\$14,250	8/13/2021
<b>5 Atrium OR Renovations (OR#7)</b> Chicago, IL	<b>Rush University Medical Center</b> Liz Ott (312) 942-5425	\$1,394,409	8/9/2021
<b>Avoca West &amp; Marie Murphy 2021 Renovation Work</b> Wilmette, IL	<b>Avoca School District 37</b>	\$644,402	8/9/2021
<b>General Maintenance Work</b> Woodstock, IL	<b>Troy CCSD #30C Schools</b>		8/6/2021
<b>Western Trails Elementary Renovations</b> Carol Stream, IL	<b>Community Consolidated School District 93</b> Sean Gordon (630) 539-3330	\$4,311,284	8/4/2021
<b>Evanston THSD 202 - Locker Room Renovations</b> Evanston, IL	<b>Evanston Township High School District 202</b>	\$2,439,400	8/4/2021



Project / Address	Owner Name & Contact	Value	Completion Date
Evanston THSD 202 - Literacy Lab Renovation Evanston, IL	Evanston Township High School District 202	\$344,100	8/4/2021
Elgin SD U46 - Ellis Lintel and Window Replacement Elgin, IL	Elgin SD U46	\$722,500	8/2/2021
Larsen Middle School - Phase 2 Gym Renovation Elgin, IL	Elgin SD U46	\$440,136	8/2/2021
INDOT B41398B Bridge Deck Overlay I-465S IN	Indiana Department of Transportation	\$535,224	7/31/2021
Brook Park Elementary and Brook Park Early Learning Center Lawrence, IN	RL Turner Construction Kevin Kendall (317) 873-2712	\$1,321,942	7/26/2021
Camp Atterbury ORTC Company Headquarters Edinburgh, IN	State of Indiana Katherina Roe (812) 526-1499	\$1,903,215	7/25/2021
ORD Super Satellite Decommissioning Chicago, IL	ORD Fuel Company Scott Paulson	\$13,164,073	7/7/2021
Peoples Gas Programming Master Plan and Concept - DO NOT USE IN REPORTS Chicago, IL	Peoples Gas Polly Eldringhoff (312) 240-4355	\$225,000,000	6/30/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Hamilton Co Bridge No 98 Rehabilitation</b> Noblesville, IN	<b>Hamilton County Board of Commissioners</b>	\$1,317,017	6/30/2021
<b>RUMC 151 Pavilion Skull Base Lab Sim Center</b> Chicago, IL	<b>Rush University Medical Center</b> Susan Stearn (312) 563-2669	\$443,742	6/28/2021
<b>Dearborn Subway Grand, Chicago, &amp; Division Station Renovations</b> Chicago, IL	<b>Chicago Transit Authority</b> William Polacek (312) 681-3934	\$29,125,381	6/22/2021
<b>Eisenhower Aerial Structure Cracked Weld Repair &amp; Lead Abatement</b> Alexandria, VA	<b>Washington Metropolitan Area Transit Authority</b>	\$441,524	6/4/2021
<b>Mitchell Dialysis Access Center</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$525,853	5/28/2021
<b>OB Emergency Room Renovation</b> Chicago, IL	<b>University of Illinois - Chicago</b> Pam Hill (312) 413-1905	\$712,120	5/18/2021
<b>Sterling Bay Lincoln Yards South- Site Preparation</b> Chicago, IL	<b>Sterling Bay Companies</b>	\$2,903,835	5/15/2021
<b>ORD Leak Repairs to Concourse B&amp;C Pedestrian Tunnel</b> Chicago, IL	<b>Chicago Department of Aviation</b> David Robbins (773) 462-7539	\$7,104,655	5/14/2021



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Administration Building Renovation</b> Bloomington, IL	<b>Community Consolidated School District 93</b> Sean Gordon (630) 539-3330	\$15,530	5/3/2021
<b>Blue River Valley Elementary School Renovations</b> New Castle, IN	<b>Blue River Valley Schools</b>	\$564,000	4/16/2021
<b>Masters Distribution Sprinkler Repair</b> Arlington, TX	<b>Masters Distribution</b>	\$5,698	4/10/2021
<b>Evergreen Middle School</b> Chicago, IL	<b>Chicago Public Schools</b> Jack O'Connell (773) 553-2280	\$318,501	3/31/2021
<b>Mass Transit District (MTD) Remodeling</b> Urbana, IL	<b>Champaign-Urbana Mass Transit District</b>	\$1,078,704	3/23/2021
<b>Clemente Ceiling Replacement</b> Chicago, IL	<b>Chicago Public Schools</b>	\$305,000	2/6/2021
<b>Roadway Improvements Burley Avenue &amp; 122nd Street</b> Chicago, IL	<b>NorthPoint Development</b>	\$3,355,000	2/4/2021
<b>Gregory Hall Basement Classroom Remodel</b> Urbana, IL	<b>University of Illinois at Urbana-Champaign</b> Kevin Price	\$467,151	2/2/2021



Project / Address	Owner Name & Contact	Value	Completion Date
Tennant Improvements Buffalo Grove, IL	Flex, Inc. Robin Holmberg	\$3,300,000	1/29/2021
Parks and Recreation Interior Buildout Riverside, IL	Village of Riverside	\$542,450	1/28/2021
Fire Renovation Jackson Graham Building Washington, DC	Washington Metropolitan Area Transit Authority Tammy Long (202) 962-1480	\$5,025,307	1/22/2021
Kings Bay Naval Submarine Base (GA) – Manhole Repair at Welcome Center Kings Bay, GA	Naval Facilities Engineering Command Southeast Daniel Hinsley (904) 542-6168	\$817,950	1/19/2021
Related Ravenswood Plaza Retaining Wall Chicago, IL	Peterson Plaza		1/18/2021
Rehab Taxiway "A" Phase 1 Gary, IN	Gary Chicago International Airport	\$5,199,961	1/8/2021
Ingalls Pharmacy Cleanrooms Upgrades Harvey, IL	The University of Chicago Medical Center	\$799,550	12/24/2020
RR-17-4314 I-294 Pavement & Structural Preservation Des Plaines, IL	Illinois State Toll Highway Authority	\$13,479,364	12/17/2020



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>O'Hare Runway 9C-27C Bid Package #2</b> Chicago, IL	<b>Chicago Department of Aviation</b>	\$136,849,960	12/15/2020
<b>R-39731-B Aux Lane, Superstructure, Deck Overlay</b> Indianapolis, IN	<b>Indiana Department of Transportation</b>	\$8,944,679	11/30/2020
<b>FHP Michigan City Office Building</b> Michigan City, IN		\$292,834	11/27/2020
<b>CT Sim DCAM 0408</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$399,500	11/24/2020
<b>Central Maintenance Facility (CMF) Salt Storage Dome</b> Fairfax, VA	<b>Fairfax County Department of Public Works &amp; Environmental Services</b>	\$2,705,374	11/23/2020
<b>SBRI 4th Neuroscience Center Renovation</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$1,311,000	11/23/2020
<b>VanTrust Gateway 700 River Ridge</b> Jeffersonville, IN	<b>Pepper Construction of Indiana, LLC</b>	\$266,356	11/19/2020
<b>Central Business District Sub Shop</b> Chicago, IL	<b>Peoples Gas</b> Wendy Cheshire-Hensarling (312) 240-6615	Confidential	11/19/2020



Project / Address	Owner Name & Contact	Value	Completion Date
I-18-4699 I-490 @ I-90 Interchange East/West Bound Ramps Des Plaines, IL	Illinois State Toll Highway Authority Jeffrey Allen (331) 238-4835	\$19,486,607	11/18/2020
Peachtree Mechanical / Printpack GPT - Project No Sweat Grand Prairie, TX	Printpack Corporation Juan Zavala (903) 802-3787	\$80,000	11/16/2020
Coles Language Academy Chicago, IL	Chicago Public Schools Ahmad Basrawi (630) 742-1911	\$116,240	11/12/2020
INDOT B-40113 Porter County Overlay Burns Harbor & Chesterton, IN	Indiana Department of Transportation	\$2,983,261	11/12/2020
B-401130-A Bridge Deck Overlay Burns Harbor, IN	Indiana Department of Transportation	\$2,581,670	11/5/2020
Allen Texas Alternate Headquarters Allen, TX	USPS Southwest Facilities Service Office, USPS Southern Facilities Bruce Tidmore (214) 819-7242	\$6,267,000	10/31/2020
McDade Classical Elementary School Annex & Renovations Chicago, IL	Public Building Commission Jeffrey Strauts (312) 795-1400	\$12,994,910	10/27/2020
BWI Gate & Space Return Baltimore, MD	American Airlines, Inc.	\$197,000	10/21/2020
Barry Elementary School Chicago, IL	Chicago Public Schools	\$1,184,000	10/20/2020



Project / Address	Owner Name & Contact	Value	Completion Date
<b>CDOA Central Deicing Facility Ramp Tower</b> Chicago, IL	<b>Chicago Department of Aviation</b> Matthew McGleam (773) 894-3033	\$8,850,143	10/16/2020
<b>Construct Salt Storage Building, IDOT New Lenox Maintenance Yard (#18DB0141)</b> New Lenox, IL	<b>Illinois Department of Transportation</b> Ray Frias (815) 485-2505	\$1,928,710	10/15/2020
<b>Support Services</b> Chicago, IL	<b>Peoples Gas</b> Thomas Crylen (312) 240-4000	\$6,078,716	10/9/2020
<b>Legler Regional Library Renovation</b> Chicago, IL	<b>Public Building Commission</b> Kiara Trejo (224) 436-3869	\$7,157,000	10/2/2020
<b>Hibbard Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,538,872	10/2/2020
<b>Alcott High School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$462,037	9/30/2020
<b>Disney II High School Science Classroom</b> Chicago, IL	<b>Chicago Public Schools</b>	\$550,777	9/30/2020
<b>Lindblom Math &amp; Science Academy High School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$2,024,000	9/25/2020
<b>Recirculation Bridge Replacement</b> Chicago, IL	<b>Chicago Department of Aviation</b>	\$6,166,321	9/25/2020



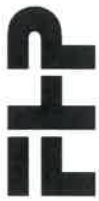
Project / Address	Owner Name & Contact	Value	Completion Date
I-18-4430 Tri-State Tollway I-294 Mile Long Bridge Willow Springs, IL	Illinois State Toll Highway Authority Jeffrey Allen (331) 238-4835	\$188,146,885	9/24/2020
Roberto Clemente High School Chicago, IL	Chicago Public Schools	\$823,000	9/21/2020
Bevier Hall 1st Floor NW Restrooms Renovation Urbana, IL	University of Illinois at Urbana-Champaign	\$18,733	9/17/2020
Foreman College and Career Academy Renovations Chicago, IL	Chicago Public Schools Kevin Carey (847) 962-6728	\$1,175,351	9/7/2020
McAuliffe Elementary School Chicago, IL	Chicago Public Schools	\$137,500	9/4/2020
Ogden Elementary School Chicago, IL	Chicago Public Schools	\$334,000	9/4/2020
Hawthorne Elementary School Chicago, IL	Chicago Public Schools Jack O'Connell (773) 553-2280	\$273,036	9/3/2020
McPherson Elementary School Chicago, IL	Chicago Public Schools Jack O'Connell (773) 553-2280	\$373,131	9/3/2020
Moos Elementary School Chicago, IL	Chicago Public Schools Jack O'Connell (773) 553-2280	\$227,021	9/3/2020



Project / Address	Owner Name & Contact	Value	Completion Date
2020 Science Labs and General Work Renovations Skokie, IL	Niles Township High School District 219 Nicholas Jahnke (312) 208-9851	\$9,702,791	8/31/2020
AA Hangar 1 Fire Protection Upgrade ON HOLD DUE TO COVID (check with Brad Tallyn) Chicago, IL	American Airlines, Inc. Ronald LaDuke (773) 686-3259	\$17,700,000	8/31/2020
Corliss High School Renovation Chicago, IL	Public Building Commission Michael Powell (773) 919-0284	\$12,500,000	8/28/2020
Dirksen Elementary School Annex & Renovations Chicago, IL	Public Building Commission Jeffrey Strauts (312) 795-1400	\$32,370,405	8/28/2020
Chicago Military Academy High School Repairs Chicago, IL	Chicago Public Schools		8/28/2020
Stadium Improvements at Elgin High School Elgin, IL	School District U-46	\$4,514,521	8/28/2020
Suder Magnet Elementary School Chicago, IL	Chicago Public Schools	\$107,500	8/21/2020
UIC Arthington Mall Renovation Chicago, IL	University of Illinois - Chicago Kevin Sheehan (312) 996-1051	\$1,966,500	8/17/2020



Project / Address	Owner Name & Contact	Value	Completion Date
<b>Wells Community Academy High School</b> Chicago, IL	Chicago Public Schools	\$1,465,000	8/14/2020
<b>Till Math &amp; Science Academy</b> Chicago, IL	Chicago Public Schools	\$455,633	8/12/2020
<b>Berwyn SD 100 2020 Building Renovation</b> Berwyn, IL	Berwyn School District 100	\$2,225,000	8/11/2020
<b>Keeneyville SD 2020 Summer Renovations</b> Roselle & Hanover Park, IL	Keeneyville School District 20 Wendy Flaherty (630) 894-4608	\$3,049,290	8/7/2020
<b>Central Elementary School Interior Remodel</b> Indianapolis, IN	Metropolitan School District of Pike Township Raul Rivas (317) 293-0393	\$725,000	8/7/2020
<b>UIC Physician Practice 2nd Floor</b> Chicago, IL	University of Illinois - Chicago Kevin Sheehan (312) 996-1051	\$883,258	8/7/2020
<b>Jay Stream Middle School STEM Lab</b> Carol Stream, IL	Community Consolidated School District 93 Sean Gordon (630) 539-3330	\$5,206,528	8/6/2020
<b>Washington Junior High Renovation</b> Naperville, IL	Naperville School District 203 Patrick Dolan (630) 420-6326	\$72,176	8/5/2020



Project / Address	Owner Name & Contact	Value	Completion Date
Spencer Owen Community Schools - 2020 Facility Improvements Spencer, IN	Spencer-Owen Community Schools Chad Briggs (821) 829-2233	\$1,033,800	8/1/2020
Bridges Program Renovations Lincolnwood, IL	Niles Township High School District 219 Nicholas Jahnke (312) 208-9851	\$10,188,860	7/31/2020
Midway Airport Passenger Security Checkpoint Expansion Chicago, IL	Chicago Department of Aviation Harrison Staley (312) 795-1400	\$99,000,000	7/31/2020
Rock Island District 47th St. Yard Renovation Chicago, IL	Metra / Northeast Illinois Railroad Corp. Joseph Ott (312) 322-6726	\$29,429,000	7/31/2020
Kennedy Elementary School Renovations Schiller Park, IL	Schiller Park School District 81	\$308,000	7/29/2020
Holden Elementary School Chicago, IL	Chicago Public Schools	\$395,683	7/24/2020
RR-17-4313 I-88 Pavement & Structural Preservation Chicago, IL	Illinois State Toll Highway Authority John Szabo (331) 481-0547	\$10,902,461	7/22/2020
Logistics Support Facility Chicago, IL	Peoples Gas Wendy Cheshire-Hensarling (312) 240-6615	\$41,920,595	7/15/2020



Project / Address	Owner Name & Contact	Value	Completion Date
Franklin Park Phase III Purcellville, VA	Loudoun County Gita Amiri (571) 258-3251	\$493,740	6/26/2020
Sterile Processing Cart Washer Replacement Chicago, IL	Rush University Medical Center	\$124,800	6/18/2020
Bedford Grow Facility Buildout Bedford Park, IL	Confidential Client	\$7,800,000	6/15/2020
O'Hare Runway 9R-27L Extension-West Chicago, IL	Chicago Department of Aviation Jeff Wytaniec (773) 894-6908	\$65,567,396	6/14/2020
Humboldt Park Health First Floor Renovations - DO NOT LIST Chicago, IL	Humboldt Park Health	\$2,816,850	6/10/2020
Lovettsville Community Center Phase 1 Remediation Lovettsville, VA	Loudoun County Megan McCarthy (571) 465-6205	\$448,837	5/29/2020
CorVita Health Renovation Chicago, IL	CorVita Health & Associates Martin Burke	\$750,535	5/11/2020
Foreman High School Renovation Chicago, IL	Chicago Public Schools	\$1,452,000	5/4/2020
West Centerville Fire Station Generator Centreville, VA	Fairfax County Department of Public Works & Environmental Services	\$504,625	4/24/2020



Project / Address	Owner Name & Contact	Value	Completion Date
CATH-I.R. Labs Remodel Chicago, IL	University of Illinois - Chicago Branko Bogicevic (312) 355-5661	\$3,260,618	4/20/2020
Rush University Medical Center 150 TOB Wellness Office Chicago, IL	Rush University Medical Center Mateusz Piczura (312) 942-6766	\$531,670	4/1/2020
South Keefe Ave. Underpass Rehab Chicago, IL	Norfolk Southern Corporation Jonathan Hocker (404) 529-1362	\$1,811,080	3/31/2020
Pathways for Student Success Office Renovation Milton, IL	College of DuPage	\$1,026,900	3/20/2020
Simeon Career Academy Science Lab Upgrades Chicago, IL	Chicago Public Schools	\$811,500	3/20/2020
Chicago's First Lady Ticket Facility Enhancement Chicago, IL	Mercury Boat Charters Bob Agra	\$270,000	3/13/2020
Peoples Gas Central Shop Chicago, IL	Peoples Gas Thomas Crylen (312) 240-4000	Confidential	3/11/2020
3rd Floor Loudoun County Government Center Renovation Leesburg, VA	Loudoun County Arnold Keplinger (703) 258-3228	\$1,225,218	3/9/2020
Bowen High School Science Lab Upgrades Chicago, IL	Chicago Public Schools	\$635,500	3/3/2020



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Perez Elementary School - ICR</b> Chicago, IL	<b>Chicago Public Schools</b>	\$337,000	2/25/2020
<b>Humboldt Park Health Radiology Suite Renovations - DO NOT LIST</b> Chicago, IL	<b>Humboldt Park Health</b>	\$465,825	2/21/2020
<b>Burr Ridge Call Center Relocation</b> Burr Ridge, IL	<b>The University of Chicago Medical Center</b> Michael Parr (773) 702-6041	\$1,329,600	2/20/2020
<b>Clissold Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b> David Zilmer (773) 553-1268	\$3,163,000	2/7/2020
<b>UCM Bridge and Entrance Weatherization</b> Chicago, IL	<b>The University of Chicago Medical Center</b> Mark Ihde (773) 834-1945	\$685,436	1/31/2020
<b>Peoples Gas North Shop Field Service Center</b> Chicago, IL	<b>Peoples Gas</b> Polly Eldringhoff (312) 240-4355	Confidential	1/30/2020
<b>Crisp County Youth Ball Complex</b> Cordele, GA	<b>Crisp County</b> Eric Bozeman (229) 276-2797	\$1,611,841	1/29/2020
<b>Burroughs Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$396,633	1/27/2020



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Fenger Academy High School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$301,683	1/27/2020
<b>Spry Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$471,683	1/24/2020
<b>CCHHS North Riverside Health Center Renovation/Replacement</b> North Riverside, IL	<b>Cook County Health &amp; Hospital System</b> Joe Washington (312) 989-8640	\$11,020,000	1/17/2020
<b>Ravenswood Ballasted Track Improvements</b> Chicago, IL	<b>Chicago Transit Authority</b> John Reinitz (312) 644-7200	\$10,609,000	1/6/2020
<b>Indiana University Chemistry Labs A701 &amp; A710</b> Bloomington, IN	<b>Indiana University</b> Steve Freeman (812) 855-1762	\$260,605	12/31/2019
<b>Barrington Road Pedestrian Bridge and Access Building</b> Hoffman Estates, IL	<b>Illinois State Toll Highway Authority</b> Rick Hanba (630) 241-6231	\$7,182,000	12/31/2019
<b>Avondale Yard</b> Atlanta, GA	<b>Metropolitan Atlanta Rapid Transit Authority</b>	\$2,441,351	12/9/2019
<b>USMC Revenue Cycle Consolidation</b> Burr Ridge, IL	<b>The University of Chicago Medical Center</b> Jennifer Merchant (773) 834-3483	\$679,878	12/4/2019



Project / Address	Owner Name & Contact	Value	Completion Date
RR-19-4451 I-88 Pavement/Structural Rehab/Preservation North Aurora, IL	Illinois State Toll Highway Authority	\$8,190,544	11/23/2019
ORD Airport Restroom Modernization Phase 5 Chicago, IL	Chicago Department of Aviation Cortney Harris (773) 686-5970	\$8,066,000	11/22/2019
Men's Locker Room Renovation Bloomington, IN	Indiana University Jeff Moulden (812) 855-1737	\$641,100	11/15/2019
USPS Chicago Ft. Dearborn Station Sprinklers Chicago, IL	USPS Great Lakes Facilities Service Office	\$874,713	11/13/2019
North Shop Spring Coil Demo and Abatement Chicago, IL	Peoples Gas Richard Seymour (312) 240-3861	\$3,212,894	10/31/2019
Chicago High School for Agricultural Sciences Chicago, IL	Chicago Public Schools	\$426,000	10/23/2019
Higgins Elementary School Chicago, IL	Chicago Public Schools	\$2,891,000	10/17/2019
Pool Addition and Mechanical Upgrades Chicago Heights, IL	Chicago Heights Park District Frank Perez (708) 755-1351	\$2,415,778	10/16/2019
Aldridge Elementary School Chicago, IL	Chicago Public Schools	\$343,683	9/27/2019



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Whitney Elementary</b> Chicago, IL	<b>Chicago Public Schools</b> Dave Grouzard (773) 553-3149	\$5,200,000	9/24/2019
<b>UIC Clinical Performance Center</b> Chicago, IL	<b>University of Illinois - Chicago</b> Branko Bogicevic (312) 355-5661	\$7,039,045	9/4/2019
<b>Prosser Academy</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,204,000	8/27/2019
<b>Julian High School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$465,000	8/23/2019
<b>John Marshall High School SCI</b> Chicago	<b>Chicago Public Schools</b>	\$594,284	8/23/2019
<b>Al Raby High School SCI</b> Chicago	<b>Chicago Public Schools</b>	\$680,754	8/23/2019
<b>Chopin Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$4,967,000	8/18/2019
<b>Mitchell Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$4,626,000	8/18/2019
<b>Posen Intermediate and Kellar Middle School</b> Posen, IL	<b>Posen Robbins School District 143.5</b> Michael Moore (708) 388-3868	\$1,818,000	8/16/2019



Project / Address	Owner Name & Contact	Value	Completion Date
<b>Mackey Arena MBB/WBB Office Renovation 2019</b> West Lafayette, IN	<b>Purdue University</b> TJ Burns (765) 494-0967	\$445,522	8/16/2019
<b>Design/Build Services for Security Improvements (multiple schools)</b> Multiple, MD	<b>Calvert County Public Schools</b> Darrell Barricklow (433) 550-8773	\$360,900	8/16/2019
<b>CCSD93 Innovation Center &amp; Entry Renovations</b> Carol Stream and Hanover Park, IL	<b>Community Consolidated School District 93</b> Sean Gordon (630) 539-3330	\$4,867,889	8/8/2019
<b>D/B Flex Facilities Upgrades</b> Buffalo Grove, IL	<b>Flex, Inc.</b> Robin Holmberg	\$14,281,026	8/5/2019
<b>UIC College of Nursing Simulation Laboratory</b> Chicago, IL	<b>University of Illinois - Chicago</b> Bill Bradford (312) 996-9101	\$3,186,170	8/1/2019
<b>Administrative Building Remodel</b> Glen Ellyn, IL	<b>College of DuPage</b> Chris Wosachlo (630) 942-4225	\$4,240,000	7/29/2019
<b>Armour Wetlab Renovation</b> Chicago, IL	<b>Rush University Medical Center</b> Burcu Kuscu (312) 942-6378	\$402,900	7/24/2019
<b>Harrison St. Traffic Calming Measures</b> Chicago, IL	<b>University of Illinois at Chicago - UIH</b>	\$749,000	7/18/2019
<b>Ancient DNA Renovation</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$730,115	7/16/2019



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>RUMC Jelke Anesthesia Classroom Renovations</b> Chicago, IL	<b>Rush University Medical Center</b>	\$86,545	7/15/2019
<b>S. St. Lawrence Ave Underpass</b> Chicago, IL	<b>Norfolk Southern Corporation</b> Jonathan Hocker (404) 529-1362	\$2,350,988	6/30/2019
<b>I-18-4390 I-294 O'Hare Oasis Bridge Demolition &amp; Grading</b> Schiller Park, IL	<b>Illinois State Toll Highway Authority</b>	\$5,117,475	6/30/2019
<b>Linden Water Main, Fire Suppression, &amp; Fire Alarm System Improvements</b> Chicago, IL	<b>Chicago Transit Authority</b>	\$997,000	6/20/2019
<b>O'Hare Vault Modifications Phase 1, Package 2, Terminal 5 (314.1F.2.2)</b> Chicago, IL	<b>ORD Fuel Company</b> Michael Toth	\$2,012,000	6/18/2019
<b>Pender Drive Restroom Renovation</b> Fairfax, VA	<b>Fairfax County Department of Public Works &amp; Environmental Services</b>	\$500,000	6/15/2019
<b>41st Street Pedestrian Bridge Over South Lake Shore Drive</b> Chicago, IL	<b>Chicago Department of Transportation</b> Tanera Adams (312) 742-2590	\$28,972,080	5/31/2019



Project / Address	Owner Name & Contact	Value	Completion Date
U of I Urbana Vet Teaching Hospital LINAC Addition Urbana, IL	University of Illinois at Urbana- Champaign	\$1,495,000	5/30/2019
Mitchell Elementary School Chicago, IL	Chicago Public Schools	\$398,000	5/24/2019
FC Hammond Hockey Rink		\$30,874	5/3/2019
Park Ridge City Hall Basement/Police Department Remodel Park Ridge, IL	City of Park Ridge Bruce Flowers (847) 318-7948	\$725,892	4/15/2019
Lathrop Homes River Front Improvements Chicago, IL	Lendlease Scott Weyman (312) 287-8039	\$5,663,000	4/8/2019
DCA PSA Crew Base Establishment Washington, DC	American Airlines, Inc. Abigail Zarate (571) 444-1606	\$39,450	4/2/2019
UIC College of Medicine Research Lab 7128 Renovation Chicago, IL	University of Illinois - Chicago	\$248,540	4/1/2019
Aldie WWTP Improvements Loudoun County, VA	Loudoun County	\$417,595	4/1/2019
Western Springs Metra Platforms Western Springs, IL	Illinois Department of Transportation	\$2,998,009	3/31/2019



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Concourses G &amp; L Gate Swap</b> Chicago, IL	<b>Spirit Airlines</b> Mitch Hamic (773) 531-5171	\$862,000	3/27/2019
<b>MKE Station Improvements</b> Milwaukee, WI	<b>Southwest Airlines Co.</b> Ryan Kolczynski (708) 595-2210	\$929,030	3/15/2019
<b>Dean Peck 1st Floor Renovation</b> Chicago, IL	<b>The University of Chicago Medical Center</b>	\$1,437,902	2/28/2019
<b>United Airlines Hangar</b>	<b>Hunt Construction Group</b>	\$636,300	2/15/2019
<b>ARFF #2</b> Chicago, IL	<b>Chicago Department of Aviation</b> Matthew McGleam (773) 894-3033	\$16,563,942	2/9/2019
<b>Cinespace Streetscape Project</b> Chicago, IL	<b>Cinespace Chicago Film Studios</b>	\$717,450	2/1/2019
<b>Office of Inspector General Office Renovation</b> Chicago, IL	<b>Chicago Public Schools</b>	\$540,000	2/1/2019
<b>Group B - Harrison Park Facility Rehabilitation</b> Chicago, IL	<b>Chicago Park District</b> Stephen Grant (312) 742-4649	\$2,352,000	1/29/2019
<b>Skinner West Elementary School Annex</b> Chicago, IL	<b>Public Building Commission</b> Paulo Hernandez (312) 744-9266	\$12,528,536	1/11/2019



Project / Address	Owner Name & Contact	Value	Completion Date
<b>BWI CCTV System</b> Baltimore, MD	<b>American Airlines, Inc.</b> Jennifer Tindel (817) 963-1726	\$208,999	1/10/2019
<b>Curie High School</b> Chicago, IL	<b>Chicago Public Schools</b> Kevin Carey (847) 962-6728	\$15,530,895	12/31/2018
<b>Viaducts Structural &amp; Drainage Repairs</b> Chicago, IL	<b>Skyway Concession Company LLC</b> Erick Rivera (773) 356-5537	\$2,563,306	12/31/2018
<b>O'Hare Runway 9C-27C Bid Package # 1</b> Chicago, IL	<b>Chicago Department of Aviation</b> Ginger Evans	\$98,538,871	12/26/2018
<b>Emiliano Zapata Annex</b> Chicago, IL	<b>Public Building Commission</b> Lakeisha Lindsey (312) 802-3904	\$16,000,000	12/21/2018
<b>PBC Mt. Greenwood ES Annex II</b> Chicago, IL	<b>Public Building Commission</b> Desmond Truite (773) 398-1105	\$9,807,000	12/21/2018
<b>Esmond Elementary School Annex &amp; Renovations</b> Chicago, IL	<b>Public Building Commission</b> Andy Quathamer	\$12,265,000	12/21/2018
<b>35th Street Bridge Over the South Fork Structural Repairs</b> Chicago, IL	<b>Chicago Department of Transportation</b> Mayur Patel (312) 744-4873	\$547,050	12/11/2018
<b>RR-17-4340 I-355 Pavement &amp; Structural Preservation</b> Lemont, IL	<b>Illinois State Toll Highway Authority</b>	\$4,703,621	12/11/2018



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Superior Graphite P2 Lab BuildOut</b> Bedford Park, IL	<b>Superior Graphite</b> Pat Kalisz (708) 458-0006	\$1,872,555	11/29/2018
<b>IAD Ramp Office Buildout A&amp;E</b> Dulles, VA	<b>American Airlines, Inc.</b>	\$40,300	11/29/2018
<b>Southwest Airlines IND Ramp &amp; ATO Renovations</b> Indianapolis, IN	<b>Southwest Airlines Co.</b> Chris Bolger (214) 792-4572	\$558,080	11/26/2018
<b>ISTHA RR-17-4340 MSE Wall Repair</b>	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	\$114,293	11/15/2018
<b>Group B - Robichaux Park Facility Rehabilitation</b> Chicago, IL	<b>Chicago Park District</b> Stephen Grant (312) 742-4649	\$839,000	11/7/2018
<b>O'Hare Ring &amp; Utility Tunnel Concrete Repairs</b> Chicago, IL	<b>Chicago Department of Aviation</b> David Robbins (773) 462-7539	\$2,928,125	11/2/2018
<b>Chicago Skyway Canopy Renovation</b> Chicago, IL	<b>Skyway Concession Company LLC</b> Michael Lowrey (337) 356-5528	\$4,050,000	11/1/2018
<b>USPS Bedford Park P&amp;DC - Fire Alarm Upgrade</b> Bedford Park, IL	<b>USPS Great Lakes Facilities Service Office</b> Michael Janssens (730) 295-6232	\$755,750	10/30/2018



Project / Address	Owner Name & Contact	Value	Completion Date
IAD AA Baggage Office Dulles, VA	American Airlines, Inc.	\$7,500	10/18/2018
OSF Medi Park II Wall Stabilization Peoria, IL	OSF Healthcare	\$220,000	10/15/2018
Schaumburg Park District CRC Renovation Phase 2 Schaumburg, IL	Schaumburg Park District Niki Rao (847) 985-2115	\$1,931,500	10/12/2018
Ground Equipment Maintenance Facility Chicago, IL	American Airlines, Inc. Ronald LaDuke (773) 686-3259	\$47,697,584	10/11/2018
71st St. Underpass Rehab Westchester, IL	Norfolk Southern Corporation Jonathan Hocker (404) 529-1362	\$1,606,778	9/30/2018
Chicago Bee Library Renovations Chicago, IL	Chicago Assets, Information and Services (AIS) Michael Williams (312) 744-5303	\$2,108,668	9/28/2018
United Airlines Hold Room Configuration Arlington, VA	United Airlines	\$268,563	9/28/2018
Kelly Library Exterior Repairs & Interior Renovations Chicago, IL	Chicago Assets, Information and Services (AIS) Marek Wisniewski (312) 744-5369	\$1,493,193	9/28/2018



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Field Elementary School New Campus Park</b> Chicago, IL	<b>Chicago Public Schools</b> Jorge Chavez (773) 850-8655	\$1,133,000	9/20/2018
<b>Bernhard Moos Elementary School ROF</b> Chicago, IL	<b>Chicago Public Schools</b> Jorge Chavez (773) 850-8655	\$3,559,000	9/19/2018
<b>Chicago Waldorf School Trumbull Building Renovation</b> Chicago, IL	<b>The Chicago Waldorf School</b> Luke Goodwin (773) 381-1327	\$3,192,563	9/3/2018
<b>Richard Crane Medical Prep HS</b> Chicago, IL	<b>Chicago Public Schools</b>	\$378,096	8/31/2018
<b>Joseph Jungman Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>		8/31/2018
<b>Byrne Elementary School Annex</b> Chicago, IL	<b>Public Building Commission</b> Jeffrey Strauts (312) 795-1400	\$13,611,000	8/31/2018
<b>130th Over Calumet River Bridge</b> Chicago, IL	<b>Chicago Department of Transportation</b>	\$427,793	8/30/2018
<b>Lenart Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$1,911,000	8/18/2018
<b>North Park Senior Village Apartments Building D</b> Chicago, IL	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	\$830,000	8/15/2018



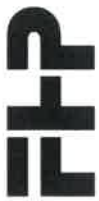
<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Greenbrook Elementary School Select Remodeling</b> Hanover Park, IL	<b>Keeneyville School District 20</b> Wendy Flaherty (630) 894-4608	\$54,300	8/14/2018
<b>Helen Hefferan School Renovation</b> Chicago, IL	<b>Chicago Public Schools</b>	\$3,702,000	7/30/2018
<b>Southwest Airlines STL-GSE</b> St. Louis, MO	<b>Southwest Airlines Co.</b> Chris Bolger (214) 792-4572	\$248,000	7/25/2018
<b>Region XIV Education Service Center</b> General Contracting IL	<b>National Cooperative Purchasing Alliance</b>	\$0	7/3/2018
<b>IDOT 61C41 Longmeadow Parkway at Randall Road - Drilled Shafts</b> Dundee, IL	<b>DND Electric</b>	\$38,269	6/15/2018
<b>I-88 York Road to I-294 - Drilled Shafts</b> Oak Brook, IL	<b>Walsh Construction</b>	\$210,000	6/15/2018
<b>Ozinga Fly Ash Bins</b>	<b>Dome Technology, LLC</b>	\$387,500	6/15/2018
<b>UCM Chest Unit DCAM 1557</b> Chicago, IL	<b>The University of Chicago Medical Center</b> Bill Dawes	\$85,760	6/6/2018



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Lakeshore Drive Expansion Joint Replacement</b> Chicago, IL	Chicago Department of Transportation	\$108,862	5/15/2018
<b>3833 N Broadway</b> Chicago, IL	G Force Construction	\$750,000	5/15/2018
<b>2403-2411 W Berenice Avenue - Caissons</b> Chicago, IL	Berenice Condominium Development	\$163,000	5/15/2018
<b>Repair F-35 Various Rooms Building 226</b> Tyndall, FL	Tyndall Air Force Base		5/14/2018
<b>O'Hare Vault Modifications Package 2</b> Chicago, IL	ORD Fuel Company Phil Farsalas (312) 997-3720	\$348,800	5/4/2018
<b>Evanston Multifamily Misc - Drilling</b> Evanston, IL	Power Construction	\$6,900	4/15/2018
<b>Buffalo Grove Park District Community Arts Center Interior Renovation</b> Buffalo Grove, IL	Buffalo Grove Park District Tim Howe (847) 850-2163	\$2,655,000	4/13/2018
<b>Oakton Community College Student Street Renovation Phase 2</b> Des Plaines, IL	Oakton Community College Richard Schwass (847) 635-1783	\$1,462,000	4/6/2018



Project / Address	Owner Name & Contact	Value	Completion Date
Vulcan McCook Reservoir Tunnel Plug #73 - Rock Drilling IL	Kenny Construction Company	\$190,000	3/15/2018
Jose De Diego Elementary Community Academy Chicago, IL	Chicago Public Schools	\$5,396,000	3/12/2018
UIC Hospital 5th Floor NW Postpartum Renovation Chicago, IL	University of Illinois at Chicago - UIH Pam Hill (312) 413-1905	\$1,344,100	3/2/2018
Replacement of Three Bus Wash and Reclaim Systems Chicago, IL	Pace Bus Daniel Levinson (847) 228-4230	\$1,196,700	2/15/2018
Gateway/Marquette Properties Lake & Ada IL	Power Construction	\$0	2/15/2018
71st & Cottage Grove - Operator Work Chicago, IL	Clausen Structures	\$3,000	2/15/2018
Clark Elementary Chicago, IL	Chicago Public Schools Dave Grouzard (773) 553-3149	\$2,167,000	1/8/2018
Bridge 47C Reconstruction Dixmoor, IL	Indiana Harbor Belt Railroad	\$216,000	12/26/2017
New Boat Ramp at Trump Tower Chicago, IL	Wendela Sightseeing Company Mike McElroy 708-218591	\$238,000	12/24/2017



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Waukegan Harbor North Pier Resurfacing</b> Waukegan, IL	<b>Foundation Mechanics</b> Jon Kelecus (773) 234-3087	\$550,000	12/15/2017
<b>Carondelet Ave Bridge Substructure Repairs</b> Chicago, IL	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	\$225,000	12/15/2017
<b>Skyway Bolt and Gusset Plate Repairs</b> Chicago, IL	<b>Skyway Concession Company LLC</b> Brad Noack (312) 372-3011	\$2,494,720	12/8/2017
<b>University of Chicago Medicine CCD Operating Room Activation</b> Chicago, IL	<b>The University of Chicago Medical Center</b> Michael Parr (773) 702-6041	\$152,027	12/6/2017
<b>Cesar Chavez Renovations</b> Chicago, IL	<b>Chicago Public Schools</b> Rob Christlieb (312) 965-6434	\$1,736,000	11/27/2017
<b>Carol Stream Fire Protection District</b> Carol Stream, IL	<b>Carol Stream Fire Protection District</b> Perry Johnson	\$500,000	10/31/2017
<b>Loudoun County Interior Demolition</b> Leesburg, VA	<b>Loudoun County</b> Artie Right (571) 258-3762	\$727,546	10/24/2017
<b>Sauganash Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$828,500	10/20/2017



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>130th Street Bridge over Calumet River</b>	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	<b>\$5,000</b>	<b>10/15/2017</b>
<b>Vaughn Occupational High School Elevator Replacement</b> Chicago, IL	<b>Chicago Public Schools</b> Jack O'Connell (773) 553-2280	<b>\$359,000</b>	<b>9/25/2017</b>
<b>Roberto Clemente Community Academy High School</b> Chicago, IL	<b>Chicago Public Schools</b> Arun Kumar (312) 450-5998	<b>\$306,049</b>	<b>9/25/2017</b>
<b>John J. Audubon Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b> Arun Kumar (312) 450-5998	<b>\$1,085,000</b>	<b>9/15/2017</b>
<b>Engine Company 7 Facility Upgrades</b> Chicago, IL	<b>Chicago Assets, Information and Services (AIS)</b>	<b>\$542,529</b>	<b>9/15/2017</b>
<b>IAD-Back Office and Employee Break Space Refresh</b> Dulles, VA	<b>American Airlines, Inc.</b> Jennifer Tindel (817) 963-1726	<b>\$67,800</b>	<b>9/11/2017</b>
<b>American Airlines DCA Center Pier</b> Washington, DC	<b>American Airlines, Inc.</b> Jennifer Tindel (817) 963-1726	<b>\$328,454</b>	<b>9/10/2017</b>
<b>Mitchell Elementary School</b> Chicago, IL	<b>Chicago Public Schools</b>	<b>\$400,568</b>	<b>9/3/2017</b>



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Rebrand Millwork Repairs</b> Chicago, IL	<b>American Airlines, Inc.</b> Eric Raun (682) 278-3657	\$100,337	8/31/2017
<b>Amundsen High School</b> Chicago, IL	<b>Chicago Public Schools</b> Benjamin Kogan (312) 351-1748	\$1,820,000	8/25/2017
<b>Stevenson Branch School Roof Replacement and Renovations</b> Chicago, IL	<b>Chicago Public Schools</b> Benjamin Kogan (312) 351-1748	\$997,000	8/11/2017
<b>Deerfield Exterior Entrance</b> Deerfield, IL	<b>CBRE, Inc</b> Ryan Collins (847) 572-1403	\$553,900	8/3/2017
<b>Ada Park and Rainbow Beach - Field Houses Masonry Restoration</b> Chicago, IL	<b>Chicago Park District</b> Stephen Grant (312) 742-7529	\$718,360	7/28/2017
<b>Toronto Roof Replacement</b> Toronto, OH	<b>USPS Eastern Facilities Service Office</b> David Pilarczyk (630) 295-6236	\$141,241	7/21/2017
<b>ORD GEM Facility - Shell Piles</b> Chicago, IL	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	\$1,391,780	7/15/2017
<b>PACE S. Holland Location Flood Repairs</b> South Holland, IL	<b>Pace Bus</b> Kathleen Eul (847) 228-4261	\$106,000	6/27/2017
<b>Harper High School</b> Chicago, IL	<b>Chicago Public Schools</b>	\$357,500	5/1/2017



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>UCPF-UCM Finance Offices</b> Burr Ridge, IL	<b>The University of Chicago Medical Center</b> Mark Ihde (773) 834-1945	\$932,218	4/14/2017
<b>Lake Street Bascule Bridge Trunnion Trusses Replacement</b> Chicago, IL	<b>Chicago Department of Transportation</b>	\$2,734,146	3/3/2017
<b>DCA-PSA Crew Base Establishment Phase 1</b> Washington, DC	<b>American Airlines, Inc.</b> Jennifer Tindel (817) 963-1726	\$33,116	2/28/2017
<b>Palatine Hills Tractor Bridge</b> Warrenville, IL		\$47,455	2/19/2016
<b>Haight House ADA Ramp</b> Naperville, IL	<b>Naper Settlement</b>	\$72,743	12/18/2015
<b>Oak Forest City Hall Roofing</b> Oak Forest, IL		\$84,564	8/26/2015
<b>Warrenville City Hall Reception Desk</b> Warrenville, IL		\$29,928	5/8/2015
<b>Tinley Park Monument Sign</b> Tinley Park, IL	<b>Village of Tinley Park</b>	\$47,995	8/8/2014



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Bloomingtondale Golf Club Ballroom</b> Bloomingtondale, IL		\$98,558	5/12/2014
<b>Public Works Bathroom Remodel</b> Tinley Park, IL	Village of Tinley Park	\$139,951	3/4/2014
<b>Back up Radio Center Renovation</b> Orland Park, IL		\$223,876	3/3/2014
<b>Repair and Improvement of ComEd Bridges 21, 27, 28 GRIP</b> Chicago, IL	Exelon Corporation		
<b>Neil Street Station</b> Champaign, IL			
<b>Krannert Art Museum &amp; Art &amp; Design Restroom Renovation</b> Champaign, IL	University of Illinois at Urbana- Champaign	\$772,000	
<b>Naperville Sound Wall Repair</b> Naperville, IL		\$24,083	
<b>M2 Replace Overhead Doors</b>	Illinois State Toll Highway Authority	\$303,845	
<b>Steger Emergency Culvert Repairs</b> Steger, IL	Cook County Department of Highways		



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>UIC 8th Floor Nurse Station Renovation</b> Chicago, IL	<b>University of Illinois at Chicago - UIH</b>		
<b>Reston Regional Library</b>	<b>Fairfax County Department of Public Works &amp; Environmental Services</b>		
<b>Quiet Room Addition to Huntington Operating Facility</b>			
<b>Bus Transportation Facility Trailers</b> Alexandria, VA	<b>Alexandria City Public Schools</b>		
<b>Fairfax Mobile Health Lab</b> Fairfax, VA	<b>Fairfax County</b>	<b>\$289,893</b>	
<b>Moorefield West Pond Repair</b> VA	<b>Claude Moore Charitable Foundation</b>	<b>\$10,790</b>	
<b>22 Piedmont Roofing Design-Build</b> Atlanta, GA	<b>Grady Memorial Hospital</b>	<b>\$527,781</b>	
<b>Workflow Test</b>			
<b>Bunker Foundations</b> IL	<b>Flex, Inc.</b>	<b>\$930,000</b>	



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Midway Provisions Hangar</b> Chicago, IL	<b>Southwest Airlines Co.</b>	<b>\$32,500</b>	
<b>PGL West 35th Place Improvements - Survey Services</b>	<b>Bigane Paving</b>		
<b>Munster Business Park</b> Munster, IN	<b>Saxon Partners</b>	<b>\$0</b>	
<b>MDW Hangar 4 Exterior Refinish</b> Chicago, IL	<b>Southwest Airlines Co.</b>	<b>\$42,550</b>	
<b>Centerpoint Intermodal Center North</b>	<b>CenterPoint Properties</b>		
<b>Centerpoint Intermodal Center North</b> IL	<b>CenterPoint Properties</b>		
<b>Centerpoint Intermodal Center North</b> IL			
<b>Garfield Center Emergency Repairs</b> Chicago, IL	<b>Chicago Assets, Information and Services (AIS)</b>	<b>\$482,956</b>	
<b>King Center Repairs and Life Safety Upgrades</b> Chicago	<b>Chicago Assets, Information and Services (AIS)</b>	<b>\$1,071,794</b>	



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Area 1 Police Station Envelope Repairs</b> Chicago, IL	<b>Chicago Assets, Information and Services (AIS)</b>		
<b>Walter Payton College Prep Annex/Renovation (FHP)</b> Chicago, IL	<b>Paschen Milhouse JV III</b>	\$0	
<b>Grissom Air Force Base Repair Taxiway D&amp;H &amp; Hammerheads (Facility 998)</b> Grissom AFB, IN	<b>Department of the Air Force</b>	\$2,131,500	
<b>Bay County Government Center Vestibule Addition</b> Panama City, FL	<b>Bay County Board of Commissioners</b> Karen Grindle (850) 248-8275	\$88,750	
<b>Clark Elementary School Interior Classroom Renovations</b> Chicago, IL	<b>Chicago Public Schools</b>	\$315,000	
<b>Morton Elementary School Interior Classroom Renovations</b> Chicago, IL		\$1,032,000	
<b>Northwest/Belmont Cragin Elementary School ADA</b> Chicago, IL	<b>Chicago Public Schools</b>	\$898,695	
<b>Barry Elementary School ADA</b> Chicago, IL	<b>Chicago Public Schools</b>	\$513,000	



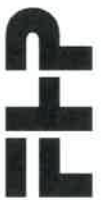
<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Cleveland Elementary School ADA</b> Chicago, IL	Chicago Public Schools	\$620,278	
<b>Lowell Elementary School ADA</b> Chicago, IL	Chicago Public Schools	\$1,120,000	
<b>Yates Elementary School ADA</b> Chicago	Chicago Public Schools	\$443,710	
<b>Chicago Public Schools – Sayre Elementary School - ICR</b> Chicago, IL	Chicago Public Schools	\$1,261,025	
<b>Clay Elementary School - BRM</b> Chicago, IL	Chicago Public Schools	\$620,000	
<b>Mozart Elementary School</b> Chicago	Chicago Public Schools	\$806,815	
<b>Chicago Public Schools – Northside Learning Center H.S. - CAR</b>	Chicago Public Schools	\$983,000	
<b>McDade Elementary Classical School - ICR</b> Chicago, IL	Chicago Public Schools	\$227,000	
<b>Sor Juana Ines de la Cruz Elementary School - PKC</b> Chicago, IL	Chicago Public Schools	\$1,068,000	



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Construction Services Minor Projects</b> Fort Lauderdale, FL	<b>School Board of Broward County</b> Mary Coker (754) 321-0505	\$4,000,000	
<b>Structure Repair at I-94 and I-190</b> Chicago, IL	<b>Illinois Department of Transportation</b> Brian Czarnecki	\$630,000	
<b>Alloy Property/Fleet Portfolio - Dominick Bridge Preconstruction Services</b> Chicago, IL	<b>Sterling Bay Companies</b>		
<b>A450 ComEd Substation Foundation Replacements</b>		\$108,900	
<b>Jane Byrne Five Ramps at Circle Interchange</b> Chicago, IL	<b>Lorig Construction</b>	\$5,184,005	
<b>Site #3 - Drilled Shafts</b> Chicago, IL	<b>Jones Sign Co.</b>	\$25,000	
<b>130th &amp; Torrence - Pull Sheeting</b> Chicago, IL	<b>Benchmark Construction Co.</b>	\$2,400	
<b>Retarder Support Slabs</b> Chicago, IL	<b>The Belt Railway Company of Chicago</b>		
<b>Meade - Kinder Morgan McCook - Soldier Piles</b>		\$126,000	



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>ORD T5 Parking Garage - Caissons</b> Chicago, IL	<b>AECOM Hunt</b>	<b>\$2,175,000</b>	
<b>I-90 &amp; Route 31</b> IL	<b>F.H. Paschen, S.N. Nielsen &amp; Associates LLC</b>	<b>\$553,123</b>	
<b>McCormick Place Rapid Response Construction Services</b> Chicago, IL	<b>McCormick Place</b>		
<b>Stockyard Bank Building TOR Stabilization Exterior Implementation</b>		<b>\$457,000</b>	
<b>Supplemental Stockyard Bank Building Stabilization Implementation</b>		<b>\$586,454</b>	
<b>Cook County Emergency Vaccination Clinics</b> IL	<b>Cook County</b>	<b>\$2,011,630</b>	
<b>Orland Hills MRI</b> Orland Hills, IL	<b>SimonMed Imaging LLC</b>	<b>\$454,000</b>	
<b>Wheeler High School Fieldhouse Addition</b> Valparaiso, IN	<b>Larson Danielson Construction</b>	<b>\$35,000</b>	
<b>Fancher Development - Paving</b> Dyer, IN	<b>Fancher Development</b>	<b>\$46,224</b>	



<b>Project / Address</b>	<b>Owner Name &amp; Contact</b>	<b>Value</b>	<b>Completion Date</b>
<b>Drenth Storage - Paving</b> Scherville, IN	<b>41 U-Lock</b>	<b>\$30,500</b>	
<b>Crown Village East Paving</b> Scherville, IN	<b>Crown Village, LLC</b>		
<b>Schilling Lumber Yard (St. John, IN)</b> <b>Paving</b>	<b>Schilling Brothers Lumber</b>	<b>\$119,185</b>	
<b>Canal Street Plaza Reconstruction</b> Chicago, IL	<b>Jones Lang LaSalle</b>		





# KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
James Blair	Chief Executive Officer	35
Charles Freiheit, P.E.	Chief Operating Officer	26
Joseph Scarpelli	Executive Vice President	39
Jim Habschmidt, CPA	Chief Financial Officer	15
Dave Alexander	Senior Vice President	35
Alan Dadian, CCM	Vice President	42
Anthony Izzi	Vice President	21
Charles Johnson	Vice President	3
Mike Kusbel, STS	Vice President	27
Larry Mix	Vice President	40
Matthew Moss, PMP	Vice President	21
Francis Mullaghy, LEED AP	Vice President	23
Roland Schneider	Senior Vice President	37
Timothy Stone	Senior Vice President	49
William Taylor	Vice President of Operations	35
Leo Wright	Senior Vice President	39
Robert Zitek, P.E.	Senior Vice President	57
Qadeem Abdul-Hadi	Assistant Superintendent	7
Christos Alexakos	Assistant Project Manager	6
James Alexander	Quality Control Manager	33
Alonzo Anderson	Project Engineer	7
Jared Anderson	Project Superintendent	26
Scott Asleson	Quality Control Manager	17
Donald Asleson	Project Superintendent	41
Tyrone Baasch	Project Superintendent	36
Mark Babinski	Project Manager	16
Neil Barkowski	Tech Engineer	38
Timothy Bea, P.E.	Project Executive	19
Kevin Belke	Project Superintendent	32

# KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
Matt Berklan	Project Engineer	3
Timothy Berry	Preconstruction Manager	35
Alexander Betance	Project Superintendent	42
David Binion	Superintendent	20
Jim Blair Jr.	Project Engineer 1	1
Kyle Bonta	Project Manager	13
Kyle Brendel	Project Engineer L2	5
Derek Brongiel	Assistant Project Manager	7
Stephen Douglas Brown	Project Superintendent	46
Eric Butler	Project Engineer II	6
Lavell Campbell	Project Manager	22
Vicki Caruso	Project Superintendent	25
Jacques Cattan	Senior Project Manager	27
Kenny Chavez	Project Engineer II	6
John Chorak	Project Superintendent	22
Michael Clementi, PMP	Senior Project Manager	20
Chase Cochran	Project Engineer 1	2
Daniel Collins	Project Superintendent	43
Jason Cox	Assistant General Superintendent	25
Daniel Cullison	Assistant Project Manager	4
Joshua Curran	Project Executive	14
Sam Dakalis	Mechanical Commissioning Manager	37
Michael Damato	Project Manager	10
Gary Darrah	Civil Project Superintendent	52
Edwin Dejka	Project Superintendent	34
Dave DeSimone	Project Manager	9
Steve DeVries	Project Superintendent	26
Dwayne Dionne	Senior Project Manager	32
Adele Lewis Domasica	Project Manager	20
Martin Dowdle	Project Superintendent	37

## KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
Brian Dowdle	Project Superintendent	21
Roane Draths	Sr. Project Manager	13
Gerald Eble	General Superintendent	41
Robert Eby	Safety Technician	33
Daiga Eizis	Assistant Project Manager	6
Dan Erickson	Project Superintendent	28
Jason Faivre	Project Manager	20
Christopher Fedro	Senior Project Manager	18
Kristopher Feeney	Project Manager	23
David Flores	Project Manager	49
Mehdi Ghalambor	Senior Project Manager	18
Miguel Gonzalez	Project Superintendent	17
Anthony Grande	Technical Engineer Journeyman	20
David Haffey	Project Engineer	4
Brian Harley	Estimator	11
Thomas Harper	Project Manager	12
Brandon Heidinger	Assistant Project Manager	7
Nicholas Henning	Project Engineer 2	10
Andrew Herz	Project Manager	15
Mark Holmes	Assistant Project Manager	7
Joshua Horan	Technical Engineer Journeyman	27
Christian Hubbard	VDC Coordinator	13
Mike Hugelier	Senior Project Manager	18
Dave Hunt	Project Manager	21
Michael Jasek	Senior Project Manager	22
Timothy Jenkins	Quality Control Manager	23
Brandon Jones	Project Engineer 2	4
Michael Karcz	Sr. Survey Manager	32
Dennis Kelso	Project Superintendent	45
Sharon King	Project Manager	23

# KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
Jacob Kleiman	Project Manager	10
Jeff Koehler	Project Superintendent	32
James Kowalewski	Senior Estimator	29
Caitlin Lahey	Project Engineer II	7
Charles Lawler	Project Manager	8
John Lenon	Project Superintendent	30
Daryl Lesny	Senior Project Manager	23
Sean Lewis	Project Manager	13
Timothy Lingafelter	Project Manager	19
Marcus LuMaye	Division Quality Control Manager	14
Allison Maloney	Counsel/Corporate Compliance Officer	5
Mark Manuzak	Project Superintendent	43
Brent Marler	Project Superintendent	28
Bernard McNulty	Project Superintendent	34
Harold Meter	Project Superintendent	41
John Morley	Sr. Project Manager	13
Bradley Morrison	Senior Project Manager	23
Matthew Muir, LEED AP	Project Manager	17
Cristina Mullally	Assistant Project Manager	1
Joshua Myles	Assistant Project Manager	11
Jay Na	Project Engineer II	5
Edward Naughton	Project Superintendent	31
Raymond Neely	Project Superintendent	7
Michael Scott Page	Senior Estimator	37
Ken Palikij	Project Superintendent	18
Steve Percic	Assistant Project Manager	11
Alfredo Perez	VDC Coordinator	12
Joel Pervinich	Project Superintendent	30
Paul Petit	Project Superintendent	31

## KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
Shawn Phillips	Director of Virtual Design and Construction	25
Jason Pope	Project Superintendent	32
Oliver Potter	Preconstruction Project Manager	14
Juan Puente	Project Manager	29
Thaveeporn Pulket	Scheduler	16
Lindsay Purpura	Project Engineer	5
Carolyn Quigley	Project Engineer	6
Juan Quintero	Scheduler	23
Brian Chad Reeder	Project Superintendent	22
Michael Reilly	Assistant Project Manager	12
Dana Rhodes	Superintendent / Carpenter	17
Michael Rickert	Project Engineer 2	14
Anthony Ricordati, LEED AP	Project Manager	15
David Rizzio	Project Manager	10
Thomas Rizzio	Project Superintendent	43
Jeremy Roach	Project Superintendent	20
Mark Robinson	Project Superintendent	34
William Rocha, LEED AP	General Manager	15
David Roy	Senior Project Manager	22
Brian Rozcicha	Project Manager	26
Ronald Rydosz, P.E.	Senior Project Manager	38
Joe Sanders	Assistant Superintendent	15
Mike Scarpelli	Project Engineer II	2
Joseph Schmitz	Senior Project Manager	30
Colton Sedig	Project Manager	7
Jack Sepsey	Project Manager	13
Daniel Sewell	Quality Control Manager	44
Jeremy Seyller	Project Executive	26
Jeffrey Siemon	Senior Estimator	38

## KEY STAFF

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<b>Name</b>	<b>Title</b>	<b>Years Experience in Construction</b>
Christian Silvestri	Project Engineer 1	1
Indira Sirjue	JOC Project Manager	7
Anthony Spizzirri	Project Superintendent	8
Michael Swanson	Assistant Superintendent	25
Bryan Swart	Project Superintendent	45
Gary Swart	Project Superintendent	33
Bradley Tallyn	Senior Project Manager	22
Jeff Tarnowski	Project Manager	13
Brian Thacker	Quality Control Manager	36
Wayne Thompson	General Manager	14
Maria Torres	Project Superintendent	17
Carlo Valenzano	Estimator	33
Larry Van Zuidam	Senior Project Manager	48
Jacob Vickers	Chief Building Estimator	17
Sam Wagner	Project Manager	39
Michael Walsh	Project Executive	13
Mark Watson	Project Superintendent	31
Leo Wilkes	Chief Estimator - Civil	41
Thomas Wilkins	Project Superintendent	21
Richard Winkler	Senior Project Manager	18
Thomas Winslett	Project Superintendent	39
Michael Woods	General Superintendent	39
Sean Woods	Assistant Project Manager	7
Michael L. Wowczuk	Project Superintendent	47
Patrick Wright	Assistant Project Manager	9
Robert Wunderlich	Quality Control Manager	45
Bryan Yergler	Assistant Project Manager	9
Daniel Zivilik	Project Manager	20