

MEETING AGENDA



Board of Trustees Meeting

Village of Homewood

November 12, 2024

Meeting Start Time: 7:00 PM

Village Hall Board Room

2020 Chestnut Road, Homewood, IL

Board Meetings will be held as in-person meetings. In addition to in-person public comment during the meeting, members of the public may submit written comments by email to comments@homewoodil.gov or by placing written comments in the drop box outside Village Hall. Comments submitted before 4:00 p.m. on the meeting date will be distributed to all Village Board members prior to the meeting.

Please see last page of agenda for virtual meeting information.

1. Call to Order
2. Pledge of Allegiance
3. Roll Call
4. Introduction of Staff
5. Minutes:
 - Consider a motion to approve the minutes from the regular meeting of the Board of Trustees held on October 22, 2024.
6. Claims List:
 - Consider a motion to approve the Claims List of Tuesday, November 12, 2024 in the amount of \$1,185,571.74.
7. Hear from the Audience
8. Meet Your Merchants
9. Oaths of Office: The Village Clerk will administer the oath of office to:
 - A. Jeimy Vazquez for the position of full-time Finance Clerk in the Finance Department.
 - B. Officer Daniel Morrison for the position of Police Officer.
10. Presentation(s):
 - A. Event Manager Marla Youngblood will present a check from the proceeds of the Fall Fest Chili Cook-Off to District 153 PTA.
 - B. Communications and Engagement Specialist Antonia Steinmiller will present the certificates to the Citizen Civics Academy students.
 - C. View Chicago, LLC will present the proposed Halsted Gateway monument sign.
11. Omnibus Vote: Consider a motion to pass, approve, authorize, accept, or award the following item(s):
 - A. Agreement/Facility Hardening and Disaster Resiliency Assessment/Interface Engineering: Authorize the Village President to enter into an agreement with Interface

Engineering of Chicago, IL for \$34,500, to conduct a Facility Hardening and Disaster Resiliency Assessment.

- B. Acceptance of Proposal/Network Upgrade/Urban Communications: Approve a budget amendment in the amount of \$7,825.00; and, accept the lowest cost proposal submitted by Urban Communications of Oak Forest, IL, by approving the purchase and installation of six (6) FortiGate Network Firewalls for a total cost of \$50,534.21.
- C. Amendment/Letter of Intent/Rabid Ground LLC/3003-3025 183rd Street: Approve the Second Amendment to the Letter of Intent with Rabid Ground LLC for the Village-owned property located at 3003-3025 183rd Street.
- D. Agreements/Business Incentive: Authorize the Village President to enter into incentive agreements for the following properties: 18201-18209 Dixie Highway; 18659-18667 Dixie Highway; 18660-18676 Dixie Highway; 17911 Harwood Avenue; 1914-1918 Ridge Road; 2048 Ridge Road; and 2057 Ridge Road.
- E. MC-1083/Amendment to Municipal Code/Raffle Licenses: Pass an ordinance amending chapter 6 of the Homewood Municipal Code regarding raffle licenses to establish the maximum price which may be charged for each raffle chance as \$100 for single raffles and \$10 for multiple/serial raffles; and, require a fidelity bond only for those raffles which have an aggregate prize value of more than \$5,000.
- F. Purchase Approval/Ford Utility Interceptors/Currie Motors Fleet: Waive competitive bidding due to utilizing a vendor through a cooperative purchasing program; and, approve the purchase of two (2) Ford Utility Interceptors from Currie Motors Fleet of Frankfort, IL through the Suburban Purchasing Cooperative in the amount of \$91,026, plus \$24,000 for additional equipment and upfitting to the vehicles, for a total amount of \$115,026.
- G. Purchase Approval/Ford F-350/Currie Motors: Waive competitive bidding due to the solicitation of direct vehicle quotes; and approve the purchase of one (1) Ford F-350 Regular Cab 4x2 from Currie Motors of Frankfort, IL in the amount of \$35,673; and, approve the purchase/installation of lighting, accessories, and equipment after purchase for a total amount not to exceed \$16,000 for a total cost of \$51,673.
- H. Approval/System Upgrades/Metropolitan Industries: Waive competitive bidding due to a proprietary purchase, equipment standardization, manufacturer, repair, and authorized dealer/seller, technical nature of item makes competition impractical or will negate standardization, and utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance; and, approve the system upgrades for Water Plant #1 from Metropolitan Industries of Romeoville, IL in an amount not to exceed \$543,482.00
- I. Approval/Programmable Logic Controller and Communication Upgrades (Phase 1)/Metropolitan Industries: Approve a budget amendment in the amount of \$26,000; waive competitive bidding for Programmable Logic Controller and Communication Upgrades (Phase 1) due to a proprietary purchase, equipment standardization, manufacturer, repair and authorized dealer/seller, technical nature of item makes competition impractical or will negate standardization, and utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance, for Metropolitan Industries of Romeoville, IL in an amount not to exceed \$145,461.

12. New Business:

[Discussion/2024](#) Real Estate Tax Levy: Discuss the 2024 Real Estate Tax Levy; approve staff's recommendation to use the State's Consolidated Funds Actuarial Calculation to meet the required statutory minimum, and direct staff to publish a Truth in Taxation Hearing notice in the local newspaper to be held prior to the December 10, 2024 Board meeting.

13. General Board Discussion

14. Executive Session: Consider a motion to enter into executive session to discuss the following:
Pending litigation under 5 ILCS 120/2(c)11.

15. Adjourn

Zoom Link: <https://zoom.us/>

- To View the Meeting via Computer or Smartphone - Type in: Zoom.us into any internet browser.
Select: JOIN A MEETING from menu at top right of page. Meeting I.D.: 980 4907 6232
Meeting Password: 830183. Enter an email address (required), or
- To Listen to the Meeting via Phone - Dial: (312) 626-6799
Enter above "Meeting I.D. and Meeting Password" followed by "#" sign

VILLAGE OF HOMEWOOD
BOARD OF TRUSTEES MEETING
TUESDAY, OCTOBER 22, 2024
VILLAGE HALL BOARD ROOM

CALL TO ORDER: President Hofeld called the meeting of the Board of Trustees to order at 7 p.m.

PLEDGE OF ALLEGIANCE: President Hofeld led trustees in the Pledge of Allegiance.

ROLL CALL: Clerk Marilyn Thomas called the roll. Those present were Village President Richard Hofeld, Trustee Julie Willis, Trustee Vivian Harris-Jones, Trustee Phillip Mason, Trustee Lauren Roman and Trustee Allisa Opyd. Trustee Jay Heiferman was absent.

President Hofeld introduced staff present: Village Manager Napoleon Haney, Village Attorney Chris Cummings, Director of Economic and Community Development Angela Mesaros, Director of Public Works Josh Burman, and Assistant Village Manager Terence Acquah.

MINUTES: The minutes of Oct. 8, 2024, were presented. There were no comments or corrections.

A motion was made by Trustee Willis and seconded by Trustee Harris-Jones to approve the minutes as presented.

Roll Call: AYES --Trustees Willis, Harris-Jones, Mason, Roman and Opyd. NAYS –None.

CLAIMS LIST: The Claims List in the amount of \$587,691.72 was presented. There were no questions from the Trustees.

A motion was made by Trustee Mason and seconded by Trustee Roman to approve the Claims List as presented.

Roll Call: AYES --Trustees Willis, Harris-Jones, Mason, and Roman. NAYS –None. ABSTAIN – Trustee Opyd. Motion carried.

President Hofeld said three bills totaled almost 50 percent of the Claims List: \$100,371.41 for quarterly payment to E-COM; \$86,790.73 to Strata Construction for concrete work in the village; \$96,005.24 to Thorn Creek Basin Sanitary District.

HEAR FROM THE AUDIENCE: Liz Varnecky of South Suburbs for Greenspace outlined her concerns about pollutants entering a stormwater detention pond at the Izaak Walton Preserve. She said the village has been aware of the issue for some time and shared the cost of a study on the issue, but there is no movement toward a solution or the Village taking responsibility for monitoring the situation. Varnecky invited trustees to join her on a walking tour of Izaak Walton to view the issue. She also asked for a response to her claims. Manager Haney said it is not mandated that the Village respond at this public meeting.

MEET THE MERCHANTS: Dr. Melinda Fried of Homewood Dental Studio, 1924 Hickory, said she took over the dental practice of Dr. Nicholas Videka. He is still on her team, and she has added a periodontic specialist. The practice offers all dental work as a family dentist practice.

PRESENTATION: A presentation by View Chicago LLC on the proposed Halsted Street Gateway Digital Monument Sign was deferred.

OMNIBUS VOTE: The board is asked to pass, approve, authorize, accept, or award the following items:

- A. Consider a motion to approve the reappointments of Carolyn Bury and Karl Persons to the Tree Committee for three-year terms ending on October 22, 2027.
- B. R-3201/Inducement/Intent to Reimburse Tax Increment Financing Eligible Expenses: Pass a resolution declaring the Village of Homewood's intent to Reimburse TIF Eligible Expenditures from the proposed Harwood Transit Oriented Development (TOD) Tax Increment Financing District regarding the sale and redevelopment of a portion of the Village Hall parking lot.
- C. Redevelopment Agreement/CIG 2020 Homewood LLC/2018-2020 Ridge Road: Authorize the Village President to enter into a redevelopment agreement with CIG 2020 Homewood LLC for construction of a restaurant in the property located at 2018-2020 Ridge Road.
- D. M-2320/Purchase and Sale Agreement/CIG 2020 Homewood LLC/2018-2020 Ridge Road: Pass an ordinance approving a Purchase and Sale Agreement between the Village of Homewood and CIG 2020 Homewood LLC for 2018-2020 Ridge Road.
- E. R-3202/Cook County Class 8/2018-2020 Ridge Road: Pass a resolution in support of a Cook County Class 8 incentive for the property located at 2018-2020 Ridge Road.
- F. M-2321/Plat of Dedication/175th Street: Pass an ordinance approving the Plat of Dedication for the right-of-way on 175th Street, as described in Exhibit B, to the Village of Homewood.
- G. Contract Amendment/Establishment of Tax Increment Financing District/Ryan LLC: Authorize the Village President to enter into amendment number one of the agreement with Ryan LLC for \$33,500, with a 15% cost contingency (\$5,025) to assist in establishing a TIF district in the area of the former Walmart on Halsted Street; and, approve a budget amendment in the amount of \$12,000.
- H. Purchase Approval/Roller/Alta Equipment Company, LLC: Waive competitive bidding due to utilizing a vendor through a cooperative purchasing program; and, approve the purchase of one (1) 2024 Volvo DD25B Roller from Alta Equipment Company, LLC of Orland Park, IL for a total purchase price of \$49,990 to be financed over a five-year period through a lease agreement.
- I. Purchase Approval/Towable Generator/Buckeye Power Sales: Waive competitive bidding due to Buckeye Power Sales being the local Kohler Power Systems vendor; and, approve the purchase of a 100kw Kohler towable generator from Buckeye Power Sales of Romeoville, IL in the total amount of \$82,759 to be financed over a five-year period through a lease agreement.
- J. Bid Award/Sanitary Sewer Lining Project/Hoerr Construction, Inc.: Award Sanitary Sewer Lining Project to Hoerr Construction, Inc. of Goodfield, IL, the lowest responsible bidder, at the unit prices of: \$34 per linear foot of 8" diameter sewer main, \$42 of 10" diameter sewer main, \$100 to reestablish service connections, \$3,850 each for 8" T-Liner, \$3,900 each for 10" T-Liner, and \$4,000 each for 12" T-Liner, in a total amount not to exceed \$384,060.

President Hofeld asked for comments on the Omnibus Report. Trustee Roman said related to Item B she understands the interest in the proposed construction project, but she would like the Village to update its parking study before it commits to eliminating the Village's parking lot. She said with the number of new restaurants and residences in the downtown area, the Village should consider how a development would impact the businesses and the patrons. Attorney Cummings said that question

would best be addressed now before the Village and the developer start investing money on the proposal.

Trustee Opyd said she agreed with Trustee Roman on the parking issues. The Village is anxious to have people come to downtown. Parking should not be a hassle. She asked that any public discussion about the issue should give residents enough information for them to make informed decisions.

Trustee Opyd also asked if offering Class 8 (Item E) is appropriate. The wording, from Cook County, says the sites should be in economic stagnation, but the buildings the Village agrees to support are not in a poor condition. The buildings Homewood supports are not dilapidated. Class 8 also shifts the tax burden onto other businesses.

She also congratulated Public Works for coming in under budget on sewer lining.

A motion was made by Trustee Roman and seconded by Trustee Mason to accept the Omnibus Report as presented.

Roll Call: AYES --Trustees Willis, Harris-Jones, Mason, Roman and Opyd. NAYS --None.

GENERAL BOARD DISCUSSION: Trustee Willis toured the Homewood Science Center and offered her congratulations. She said it is one of many wonderful assets in the Village. She also congratulated Homewood Brewing on its grand opening.

Trustee Harris-Jones encouraged residents to bring their children and grandchildren to the Homewood Science Center to discover all the interesting things that are offered there. And she, too, congratulated Homewood Brewing.

Trustee Mason reminded residents that volunteers with FEMA are still taking claims from the July tornado. They are based on the Homewood Auditorium.

Trustee Opyd also congratulated the Homewood Science Center on its successful Walk Walton and offered congratulations to Homewood Brewing.

President Hofeld encouraged everyone to vote in two weeks in the Presidential Election.

ADJOURN: A motion was made by Trustee Mason and seconded by Trustee Roman to adjourn the regular meeting of the Board of Trustees.

Roll Call: AYES --Trustees Willis, Harris-Jones, Mason, Roman and Opyd. NAYS --None.

The meeting adjourned at 7:23 p.m.

Respectfully submitted,

Marilyn Thomas
Village Clerk



PUBLIC COMMENTS –
for the Tuesday, October 22, 2024 Board Meeting

On Tue, Oct 15, 2024, 1:23 PM Chmielewski, Michael wrote:

Hi Mr. Robertson,

I understand you have some concerns over speed enforcement within the Village. I would be happy to meet with you to discuss the issues you have. Unfortunately, these conversations are difficult to have via email, social media, etc. Communication in person is still the most effective way for you to communicate your concerns and for me to provide some information. Please let me know if you would like to meet.

Thank you!

Sergeant Mike Chmielewski

[17950 Dixie Hwy](#)

[Homewood, IL 60430](#)

Phone: 708-206-3420

Fax: 708-206-3497

From: Bob Robertson

Sent: Wednesday, October 16, 2024 7:36 PM

To: Chmielewski, Michael; PublicComments <comments@homewoodil.gov>; pdsocial <pdsocial@homewoodil.gov>

Subject: Re: Speeding Questions

There really isn't a need for a conversation, there's nothing difficult about it. It was a simple question, why aren't you doing ANYTHING about the speeding at 187th and Ashland? Why does Homewood allow so much criminal activity? Meet me at 187th and Ashland at 5pm tomorrow to yell over the speeding traffic. You can make your excuses and first appearance at this dangerous intersection then. All you do is make excuses. How many more people have to die?

From: "Chmielewski, Michael"

Date: October 16, 2024 at 8:09:11 PM CDT

To: Bob Robertson , PublicComments <comments@homewoodil.gov>

Subject: Re: Speeding Questions

Mr. Robertson,

I am sorry you feel the Police Department and Village are not making efforts. I will be at 187th and Ashland tomorrow at 5pm, pending a call for service.

Sgt. Michael Chmielewski

Sent: Tuesday, October 15, 2024 4:54 PM
To: PublicComments comments@homewoodil.gov
Subject: Speeding Cars

I am writing to express my deep frustration and anger regarding the ongoing issue of speeding cars in our community. Despite repeated concerns raised by residents, it is clear that little to no action has been taken to address this serious problem. It seems that no actions will be taken at this point. President Hofeld clearly doesn't care how many vehicular homicides happen in our Village. The Village and The Police Department have made so many empty promises over the last decade. You have both failed the residents.

Every day, we witness reckless driving that endangers our children, families, and pets. The lack of speed enforcement, appropriate signage, appropriate street lighting, and lack of sidewalks on 187th Street is unacceptable. We should not have to live in fear for our safety because the village and the police department have failed to prioritize this issue. Students wait in a driveway apron every morning at Reigel and 187th Street, very close to the street, while cars fly by.

I urge you to take immediate steps to implement traffic calming measures, increase police patrols, and communicate with residents about what actions will be taken, and when these will be taken. The community deserves better than empty promises and inaction.

I expect a prompt response outlining how and when you intend to immediately address this urgent matter.

Sincerely,

Diane Neher

Sent: Tuesday, October 15, 2024 4:01 PM
To: PublicComments comments@homewoodil.gov
Subject: Urgent Action Needed: Addressing Speeding in Our Community

Dear Homewood Trustees and Employees,

I hope this message finds you well. I am writing to bring to your attention a pressing issue that affects the safety and well-being of our community: the increasing number of speeding vehicles on our roads. It is especially bad between Dixie Highway and Riegel Road on 187th Street. There are not enough Stop Signs or Police activity.

As a resident of 187th Street in Homewood, I have witnessed firsthand the dangers posed by speeding cars, especially near schools, parks, and residential areas. The lack of adherence to speed limits not only endangers pedestrians and cyclists but also creates an environment of fear among residents, particularly families with children.

I urge the town to consider implementing measures to address this issue, such as:

1. **Increased Traffic Enforcement:** More frequent speed monitoring and patrols in high-traffic areas could deter reckless driving.
2. **Speed Bumps and Traffic Calming Measures:** Installing speed bumps, roundabouts, or other traffic calming measures can effectively reduce speeding in residential neighborhoods.
3. **Improved Signage and Visibility:** Ensuring speed limit signs are clearly visible and possibly adding electronic speed displays can remind drivers to adhere to the limits.
4. **Speed Cameras:** If the Police cannot police, have robots do it.

The safety of our community should be our top priority, and I believe that by taking these steps, we can make a significant difference. Thank you for your attention to this urgent matter. I look forward to seeing our town take action to protect its residents.

Sincerely,
Lourdes Concella

Name	Description	DEPARTMENT	Net Invoice Amount
1ST AYD CORPORATION	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	649.08
Total 1ST AYD CORPORATION:			649.08
ACCURATE EMPLOYMENT SCR	FINANCE CLERK BACKGROUND CHECK	MANAGER'S OFFICE	133.97
Total ACCURATE EMPLOYMENT SCREENING LLC:			133.97
ADVANCE SWEEPING SERVICE	STREET SWEEPING	PUBLIC WORKS	10,866.65
Total ADVANCE SWEEPING SERVICES INC:			10,866.65
AIR ONE EQUIPMENT INC	HORIZONTAL LOCK PLUG	FIRE DEPARTMENT	45.00
Total AIR ONE EQUIPMENT INC:			45.00
AIRGAS USA LLC	OPERATING SUPPLIES PW	PUBLIC WORKS	84.59
AIRGAS USA LLC	OPERATING SUPPLIES PW	PUBLIC WORKS	167.69
Total AIRGAS USA LLC:			252.28
AIRYS INC	EMERGENCY SEWER REPAIR	PUBLIC WORKS	16,178.62
Total AIRYS INC:			16,178.62
ALL TYPES ELEVATORS INC	PW ELEVATOR MAINTENANCE	PUBLIC WORKS	190.00
Total ALL TYPES ELEVATORS INC:			190.00
ALPHA PRIME WIRELESS COM	PW RADIOS	PUBLIC WORKS	828.21
ALPHA PRIME WIRELESS COM	PW RADIOS	PUBLIC WORKS	828.21
Total ALPHA PRIME WIRELESS COMMUNICATIONS:			1,656.42
ALRO STEEL CORPORATION	STEEL	PUBLIC WORKS	152.29
Total ALRO STEEL CORPORATION:			152.29
AMAZON CAPITAL SERVICES IN	EVENTS CART	MANAGER'S OFFICE	129.99
AMAZON CAPITAL SERVICES IN	MONITOR/WORK BOOTS	PUBLIC WORKS	199.99
AMAZON CAPITAL SERVICES IN	MONITOR/WORK BOOTS	PUBLIC WORKS	169.99
AMAZON CAPITAL SERVICES IN	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	146.46
AMAZON CAPITAL SERVICES IN	MARKETING MATERIALS	MANAGER'S OFFICE	40.98
AMAZON CAPITAL SERVICES IN	CHARGING CORDS	PUBLIC WORKS	35.97
AMAZON CAPITAL SERVICES IN	FILTERS	PUBLIC WORKS	149.99
AMAZON CAPITAL SERVICES IN	APPLE CHARGERS	MANAGER'S OFFICE	39.88
AMAZON CAPITAL SERVICES IN	WEBCAM - PW	MANAGER'S OFFICE	39.99
AMAZON CAPITAL SERVICES IN	OFFICE SUPPLIES	MANAGER'S OFFICE	39.97
AMAZON CAPITAL SERVICES IN	OFFICE SUPPLIES	MANAGER'S OFFICE	50.76
AMAZON CAPITAL SERVICES IN	BUILDING DEPT MONITOR	MANAGER'S OFFICE	649.50
AMAZON CAPITAL SERVICES IN	OFFICE SUPPLIES	MANAGER'S OFFICE	21.99
Total AMAZON CAPITAL SERVICES INC:			1,715.46
AMERICAN LAWN LLC	SHOPPING CARTS	FIRE DEPARTMENT	75.00
AMERICAN LAWN LLC	SHOPPING CARTS	FIRE DEPARTMENT	25.00
AMERICAN LAWN LLC	SHOPPING CARTS	FIRE DEPARTMENT	125.00

Name	Description	DEPARTMENT	Net Invoice Amount
Total AMERICAN LAWN LLC:			225.00
AMERICAN PLANNING ASSOCI	TRAINING	MANAGER'S OFFICE	1,000.00
Total AMERICAN PLANNING ASSOCIATION:			1,000.00
AMERICAN PRINTING TECHNO	WEBSITE MAINTENANCE	MANAGER'S OFFICE	86.00
Total AMERICAN PRINTING TECHNOLOGIES INC:			86.00
AMES TOOLS CORPORATION	BUILDING MAINTENANCE TOOLS	PUBLIC WORKS	262.61
AMES TOOLS CORPORATION	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	316.69
Total AMES TOOLS CORPORATION:			579.30
ANDREW MCCANN LAWN SPRI	EOC IRRIGATION SERVICE	PUBLIC WORKS	185.00
Total ANDREW MCCANN LAWN SPRINKLER COMPANY:			185.00
AURELIO'S PIZZA INC	NETWORK 3 MEETING	POLICE DEPARTMENT	185.17
Total AURELIO'S PIZZA INC:			185.17
AVALON PETROLEUM COMPAN	FUEL INVENTORY GASOLINE	ASSETS	9,572.50
AVALON PETROLEUM COMPAN	FUEL INVENTORY GASOLINE	ASSETS	9,324.00
AVALON PETROLEUM COMPAN	FUEL INVENTORY DIESEL	ASSETS	2,568.00
AVALON PETROLEUM COMPAN	FUEL INVENTORY DIESEL	ASSETS	2,230.41
Total AVALON PETROLEUM COMPANY:			23,694.91
B ALLAN GRAPHICS	BUSINESS CARDS VILLAGE MANAGER	MANAGER'S OFFICE	65.00
B ALLAN GRAPHICS	BUSINESS CARDS ECD COMMITTEE	MANAGER'S OFFICE	65.00
B ALLAN GRAPHICS	ENVELOPES AND LETTERHEAD	FIRE DEPARTMENT	655.00
Total B ALLAN GRAPHICS:			785.00
BARBARA OTTO	80% MEDICARE SUPPLEMENT REIMBURSEMENT	MANAGER'S OFFICE	608.00
Total BARBARA OTTO:			608.00
BHFX LLC	DRAFTING SUPPLIES	PUBLIC WORKS	70.23
BHFX LLC	DRAFTING SUPPLIES	PUBLIC WORKS	12.50
Total BHFX LLC:			82.73
BLUE COLLAR SUPPLY COMPA	WINTER JACKETS	PUBLIC WORKS	825.92
Total BLUE COLLAR SUPPLY COMPANY:			825.92
BLUEBERRY HILL	FOOD ALLOWANCE	PUBLIC WORKS	79.73
Total BLUEBERRY HILL:			79.73
BOUND TREE MEDICAL LLC	MEDICAL SUPPLIES - FD	FIRE DEPARTMENT	181.48

Name	Description	DEPARTMENT	Net Invoice Amount
Total BOUND TREE MEDICAL LLC:			181.48
BRENNTAG GREAT LAKES LLC	CAUSTIC SODA	PUBLIC WORKS	4,257.49
Total BRENNTAG GREAT LAKES LLC:			4,257.49
C & M PIPE SUPPLY	B-BOX PARTS	PUBLIC WORKS	448.00
C & M PIPE SUPPLY	VALVE BOX PARTS	PUBLIC WORKS	368.00
C & M PIPE SUPPLY	VALVE BOX PARTS	PUBLIC WORKS	1,335.00
Total C & M PIPE SUPPLY:			2,151.00
C & T LAWN AND LANDSCAPE	TREE PLANTING	PUBLIC WORKS	14,640.00
C & T LAWN AND LANDSCAPE	TREE PLANTING	PUBLIC WORKS	5,640.00
Total C & T LAWN AND LANDSCAPE:			20,280.00
CDW GOVERNMENT INC	LAPTOP - FD CHIEF	MANAGER'S OFFICE	1,545.87
Total CDW GOVERNMENT INC:			1,545.87
CHARLENE DYER	80% MEDICARE SUPPLEMENT REIMBURSEMENT	MANAGER'S OFFICE	296.19
Total CHARLENE DYER:			296.19
CHEVROLET OF HOMEWOOD	WATER DEPT REPAIR PARTS	PUBLIC WORKS	203.65
CHEVROLET OF HOMEWOOD	ADMIN REPAIR PARTS	PUBLIC WORKS	76.26
CHEVROLET OF HOMEWOOD	STREET DEPT REPAIR PARTS	PUBLIC WORKS	70.13
Total CHEVROLET OF HOMEWOOD:			350.04
CHICAGO COMMUNICATIONS L	POLICE DEPT RADIO REPAIR	POLICE DEPARTMENT	85.00
Total CHICAGO COMMUNICATIONS LLC:			85.00
CHRISTOPHER B BURKE ENGI	PRAIRIE LAKES MWRD PERMITTING	PUBLIC WORKS	2,690.00
CHRISTOPHER B BURKE ENGI	PRAIRIE LAKES MWRD PERMITTING	PUBLIC WORKS	2,970.00
CHRISTOPHER B BURKE ENGI	PRAIRIE LAKES MWRD PERMITTING	PUBLIC WORKS	1,038.39
Total CHRISTOPHER B BURKE ENGINEERING LTD:			6,698.39
CHRISTOPHER J CUMMINGS P	GENERAL LEGAL	MANAGER'S OFFICE	9,885.43
CHRISTOPHER J CUMMINGS P	PROSECUTIONS	MANAGER'S OFFICE	1,760.00
CHRISTOPHER J CUMMINGS P	NORTH HALSTED TIF GENERAL LEGAL	MANAGER'S OFFICE	454.96
CHRISTOPHER J CUMMINGS P	183RD WEST TIF GENERAL LEGAL	MANAGER'S OFFICE	741.42
CHRISTOPHER J CUMMINGS P	DIXIE MILLER GENERAL LEGAL		269.61
CHRISTOPHER J CUMMINGS P	GENERAL LEGAL HARWOOD	MANAGER'S OFFICE	185.35
CHRISTOPHER J CUMMINGS P	DOWNTOWN TOD GENERAL LEGAL EXPENSES	EXPENSES	1,482.84
Total CHRISTOPHER J CUMMINGS PC:			14,779.61
CITY OF CHICAGO HEIGHTS	WATER PURCHASED 9/1/2024-9/30/2024	PUBLIC WORKS	332,029.05
Total CITY OF CHICAGO HEIGHTS:			332,029.05
COMCAST BUSINESS CORP	FIBER INTERNET AND NETWORK	MANAGER'S OFFICE	1,747.61

Name	Description	DEPARTMENT	Net Invoice Amount
COMCAST BUSINESS CORP	PRI TELEPHONE SERVICE	MANAGER'S OFFICE	434.33
Total COMCAST BUSINESS CORP:			2,181.94
COMED	UTILITIES	PUBLIC WORKS	762.07
COMED	UTILITIES	PUBLIC WORKS	896.22
COMED	UTILITIES	PUBLIC WORKS	24.43
Total COMED:			1,682.72
CONCENTRIC INTEGRATION	REPAIR AD SYNC SERVER	MANAGER'S OFFICE	780.00
CONCENTRIC INTEGRATION	IT SUPPORT SERVICES	MANAGER'S OFFICE	243.75
CONCENTRIC INTEGRATION	IT SUPPORT SERVICES -L&M	MANAGER'S OFFICE	700.00
CONCENTRIC INTEGRATION	IT SUPPORT SERVICES	MANAGER'S OFFICE	390.00
Total CONCENTRIC INTEGRATION:			2,113.75
CONSERV FS INC	GRASS SEED	PUBLIC WORKS	249.00
Total CONSERV FS INC:			249.00
CONWAY SHIELD	QUARTERMASTER UNIFORM - FD	FIRE DEPARTMENT	91.51
Total CONWAY SHIELD:			91.51
COOK COUNTY CLERK	RECORDING FEES - VA	MANAGER'S OFFICE	2,200.00
Total COOK COUNTY CLERK:			2,200.00
CORE & MAIN LP	3" METER HEADS	PUBLIC WORKS	2,103.09
CORE & MAIN LP	HYDRANT METER	PUBLIC WORKS	2,138.53
Total CORE & MAIN LP:			4,241.62
CORE INTEGRATED MARKETIN	HAUNTED HOMEWOOD WINNER YARD SIGNS	MANAGER'S OFFICE	81.59
Total CORE INTEGRATED MARKETING:			81.59
CTT INSPECTIONS LLC	ELECTRIC INSPECTIONS	FIRE DEPARTMENT	2,100.00
Total CTT INSPECTIONS LLC:			2,100.00
CURRIE MOTORS (PARTS)	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	95.17
CURRIE MOTORS (PARTS)	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	68.86
CURRIE MOTORS (PARTS)	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	250.57
CURRIE MOTORS (PARTS)	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	81.58
CURRIE MOTORS (PARTS)	STREET DEPT REPAIR PARTS	PUBLIC WORKS	89.72
CURRIE MOTORS (PARTS)	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	20.78
Total CURRIE MOTORS (PARTS):			606.68
CVB	HOTEL TAX - SEPTEMBER 2024	ASSETS	927.10
Total CVB:			927.10
D CONSTRUCTION INC	ASPHALT	PUBLIC WORKS	219.76
D CONSTRUCTION INC	ASPHALT	PUBLIC WORKS	686.08

Name	Description	DEPARTMENT	Net Invoice Amount
D CONSTRUCTION INC	ASPHALT	PUBLIC WORKS	746.62
D CONSTRUCTION INC	ASPHALT	PUBLIC WORKS	197.65
Total D CONSTRUCTION INC:			1,850.11
DACRA ADJUDICATION LLC	MOS/MOVE/ABC MONTHLY FEE	POLICE DEPARTMENT	1,665.00
Total DACRA ADJUDICATION LLC:			1,665.00
DAILY SOUTHTOWN	NEWSPAPER SUBSCRIPTION	MANAGER'S OFFICE	97.99
Total DAILY SOUTHTOWN:			97.99
DANA ROBINSON	80% MEDICARE SUPPLEMENT REIMBURSEMENT	MANAGER'S OFFICE	119.20
Total DANA ROBINSON:			119.20
DELTA SONIC CAR WASH	VEHICLE WASHES	PUBLIC WORKS	18.00
Total DELTA SONIC CAR WASH:			18.00
DENISE MCGRATH	IACP CONFERENCE EXPENSES	POLICE DEPARTMENT	2,247.15
Total DENISE MCGRATH:			2,247.15
DMC SECURITY SERVICES INC	ALARM MONITORING SERVICES	PUBLIC WORKS	137.99
DMC SECURITY SERVICES INC	HSC CALL OUT - PW	PUBLIC WORKS	205.00
Total DMC SECURITY SERVICES INC:			342.99
DYNEGY ENERGY SERVIC	ENERGY	PUBLIC WORKS	5,361.40
DYNEGY ENERGY SERVIC	ENERGY	PUBLIC WORKS	5,534.75
Total DYNEGY ENERGY SERVIC:			10,896.15
EXPERT CHEMICAL	DISPOSABLE COMMODITIES	PUBLIC WORKS	532.26
EXPERT CHEMICAL	DISPOSABLE COMMODITIES	PUBLIC WORKS	216.17
EXPERT CHEMICAL	OPERATING SUPPLIES - FD	FIRE DEPARTMENT	147.35
Total EXPERT CHEMICAL:			895.78
EXPRESS GREEN TREE & LAN	BACKYARD DIG RESTORATION	PUBLIC WORKS	1,450.00
EXPRESS GREEN TREE & LAN	BACKYARD DIG RESTORATION	PUBLIC WORKS	350.00
Total EXPRESS GREEN TREE & LANDSCAPE:			1,800.00
FAIRVIEW REALTY GROUP	POLICE APPLICANT BACKGROUND CHECKS	MANAGER'S OFFICE	25.00
FAIRVIEW REALTY GROUP	POLICE RECORDS APPLICANT BACKGROUND CHECKS	MANAGER'S OFFICE	25.00
Total FAIRVIEW REALTY GROUP:			50.00
FEDERAL EXPRESS	EXPRESS POSTAGE FEES	MANAGER'S OFFICE	32.95
FEDERAL EXPRESS	EXPRESS POSTAGE FEES	MANAGER'S OFFICE	41.20
Total FEDERAL EXPRESS:			74.15
FLEET SAFETY SUPPLY	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	1,098.55

Name	Description	DEPARTMENT	Net Invoice Amount
FLEET SAFETY SUPPLY	STREET DEPT REPAIR PARTS	PUBLIC WORKS	36.81
Total FLEET SAFETY SUPPLY:			1,135.36
FORD OF HOMEWOOD	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	114.88
FORD OF HOMEWOOD	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	685.01
FORD OF HOMEWOOD	WATER DEPT REPAIR PARTS	PUBLIC WORKS	175.63
FORD OF HOMEWOOD	WATER DEPT REPAIR PARTS	PUBLIC WORKS	205.00
FORD OF HOMEWOOD	STREET DEPT REPAIR PARTS	PUBLIC WORKS	333.73
FORD OF HOMEWOOD	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	96.96
FORD OF HOMEWOOD	STREET DEPT REPAIR PARTS	PUBLIC WORKS	290.21
FORD OF HOMEWOOD	WATER DEPT REPAIR PARTS	PUBLIC WORKS	349.90
Total FORD OF HOMEWOOD:			2,251.32
GABY IRON & METAL CO	STEEL	PUBLIC WORKS	272.37
GABY IRON & METAL CO	STEEL	PUBLIC WORKS	272.00
Total GABY IRON & METAL CO:			544.37
GALLAGHER MATERIALS	ASPHALT	PUBLIC WORKS	379.50
GALLAGHER MATERIALS	ASPHALT	PUBLIC WORKS	414.00
GALLAGHER MATERIALS	ASPHALT	PUBLIC WORKS	138.00
GALLAGHER MATERIALS	ASPHALT	PUBLIC WORKS	155.25
GALLAGHER MATERIALS	ASPHALT	PUBLIC WORKS	138.00
Total GALLAGHER MATERIALS:			1,224.75
GBJ SALES LLC	OPERATING SUPPLIES	PUBLIC WORKS	1,198.00
GBJ SALES LLC	OPERATING SUPPLIES	PUBLIC WORKS	59.75
GBJ SALES LLC	OPERATING SUPPLIES	PUBLIC WORKS	714.60
Total GBJ SALES LLC:			1,972.35
GERALD TIENSTRA	PLUMBING INSPECTIONS	FIRE DEPARTMENT	2,000.00
Total GERALD TIENSTRA:			2,000.00
GFC LEASING	COPIER/PRINTER LEASE	MANAGER'S OFFICE	944.23
GFC LEASING	COPIER METERS	MANAGER'S OFFICE	107.00
Total GFC LEASING:			1,051.23
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	36.91
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	285.91
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	7.75
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	325.72
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	249.00
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	405.95
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	MANAGER'S OFFICE	729.25
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	379.00
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	36.99
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	MANAGER'S OFFICE	203.44
GRAINGER INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	111.34
Total GRAINGER INC:			2,771.26

Name	Description	DEPARTMENT	Net Invoice Amount
HAWKINS INC	CHLORINE TANK RENTAL	PUBLIC WORKS	90.00
Total HAWKINS INC:			90.00
HCF HOMEWOOD LLC	INCENTIVE PAYMENT - HCF HOMEWOOD LLC	EXPENSES	75,271.84
Total HCF HOMEWOOD LLC:			75,271.84
HELSEL JEPPEPERSON ELECTRI	STREET LIGHT REPAIRS	PUBLIC WORKS	112.09
HELSEL JEPPEPERSON ELECTRI	ELECTRICAL - HARTFORD	MANAGER'S OFFICE	19,043.00
HELSEL JEPPEPERSON ELECTRI	ELECTRICAL SUPPLIES	MANAGER'S OFFICE	44.36
HELSEL JEPPEPERSON ELECTRI	BREAKER FOR SIREN	PUBLIC WORKS	48.06
HELSEL JEPPEPERSON ELECTRI	VH LIGHTING PROJECT	MANAGER'S OFFICE	359.95
HELSEL JEPPEPERSON ELECTRI	VH LIGHTING PROJECT	MANAGER'S OFFICE	47,224.05
HELSEL JEPPEPERSON ELECTRI	HARTFORD LIGHTING PROJECT	MANAGER'S OFFICE	155.68
HELSEL JEPPEPERSON ELECTRI	ELECTRICAL SUPPLIES	PUBLIC WORKS	50.81
Total HELSEL JEPPEPERSON ELECTRICAL:			67,038.00
HERITAGE TECHNOLOGY SOL	NETWORK 3 EXPENSE -- GLENWOOD PD	POLICE DEPARTMENT	4,340.48
Total HERITAGE TECHNOLOGY SOLUTIONS:			4,340.48
HINCKLEY SPRINGS	WATER	PUBLIC WORKS	434.58
Total HINCKLEY SPRINGS:			434.58
HOME CLEANING CENTER OF	BCTC CLEANING	FIRE DEPARTMENT	300.00
Total HOME CLEANING CENTER OF AMERICA:			300.00
HOMEWOOD DISPOSAL	SWEEPING	PUBLIC WORKS	717.80
HOMEWOOD DISPOSAL	DUMP CHARGES	PUBLIC WORKS	1,205.60
HOMEWOOD DISPOSAL	DUMP CHARGES	PUBLIC WORKS	1,346.40
HOMEWOOD DISPOSAL	DUMP CHARGES	PUBLIC WORKS	548.80
HOMEWOOD DISPOSAL	DUMP CHARGES	PUBLIC WORKS	524.80
Total HOMEWOOD DISPOSAL:			4,343.40
HOMEWOOD-FLOSSMOOR CH	CHRONICLE AD	MANAGER'S OFFICE	316.00
Total HOMEWOOD-FLOSSMOOR CHRONICLE:			316.00
HR GREEN INC	PLAN REVIEWS FOR SEPTEMBER 2024	FIRE DEPARTMENT	8,304.00
Total HR GREEN INC:			8,304.00
IDI	BACKGROUND CHECKS	POLICE DEPARTMENT	18.75
IDI	BACKGROUND CHECKS	POLICE DEPARTMENT	120.00
IDI	BACKGROUND CHECKS	POLICE DEPARTMENT	71.00
Total IDI:			209.75
IL MUNICIPAL LEAGUE	IML MEMBERSHIP	MANAGER'S OFFICE	1,500.00
Total IL MUNICIPAL LEAGUE:			1,500.00

Name	Description	DEPARTMENT	Net Invoice Amount
ILCMA	RECRUITMENT - ASST PW DIRECTOR	MANAGER'S OFFICE	50.00
Total ILCMA:			50.00
ILLINOIS CHAPTER IAA	IAA CONFERENCE	PUBLIC WORKS	105.00
Total ILLINOIS CHAPTER IAA:			105.00
ILLINOIS TOLLWAY	OPERATING SUPPLIES - PW	PUBLIC WORKS	212.85
Total ILLINOIS TOLLWAY:			212.85
INTERSTATE BATTERY	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	149.95
INTERSTATE BATTERY	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	133.95
Total INTERSTATE BATTERY:			283.90
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	6,216.28
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	2,965.46
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	6.16
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	1,933.32
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	1,996.33
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	1,329.70
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	650.41
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	5,960.29
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	2,304.10
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	4,590.72
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	2,114.59
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	1,259.54
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	3,220.02
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	6,998.30
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	8,400.35
IPBC	NOVEMBER INSURANCE PREMIUM	FIRE DEPARTMENT	32,027.51
IPBC	NOVEMBER INSURANCE PREMIUM	FIRE DEPARTMENT	5,327.19
IPBC	NOVEMBER INSURANCE PREMIUM	FIRE DEPARTMENT	2,834.88
IPBC	NOVEMBER INSURANCE PREMIUM	POLICE DEPARTMENT	53,668.08
IPBC	NOVEMBER INSURANCE PREMIUM	POLICE DEPARTMENT	15,329.02
IPBC	NOVEMBER INSURANCE PREMIUM	POLICE DEPARTMENT	3,491.64
IPBC	NOVEMBER INSURANCE PREMIUM	POLICE DEPARTMENT	5,006.03
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	57,393.06
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	1,887.43
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	10,758.85
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	5,609.36
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	3,911.95
IPBC	NOVEMBER INSURANCE PREMIUM	PUBLIC WORKS	8,336.03
IPBC	NOVEMBER INSURANCE PREMIUM	MANAGER'S OFFICE	236.23
Total IPBC:			255,762.83
IRMA	SEPTEMBER DEDUCTIBLE	MANAGER'S OFFICE	182.00
IRMA	SEPTEMBER DEDUCTIBLE	POLICE DEPARTMENT	275.00
Total IRMA:			457.00
JDM COATINGS INC	POWDER COAT	MANAGER'S OFFICE	736.00

Name	Description	DEPARTMENT	Net Invoice Amount
Total JDM COATINGS INC:			736.00
JODY APPLGATE	80% MEDICARE SUPPLEMENT REIMBURSEMENT	MANAGER'S OFFICE	111.23
Total JODY APPLGATE:			111.23
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	527.46
JONES PARTS & SERVICE INC	PARTS RETURN CREDIT	PUBLIC WORKS	238.30-
JONES PARTS & SERVICE INC	WATER DEPT REPAIR PARTS	PUBLIC WORKS	186.65
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	27.07
JONES PARTS & SERVICE INC	WATER DEPT REPAIR PARTS	PUBLIC WORKS	302.64
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	244.06
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	56.63
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	58.07
JONES PARTS & SERVICE INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	426.20
Total JONES PARTS & SERVICE INC:			1,590.48
KAREN ODONNELL	WATER DEPOSIT REFUND	ASSETS	38.52
Total KAREN ODONNELL:			38.52
KEIR DUBOIS	DOWNTOWN HOMEWOOD MAPS	MANAGER'S OFFICE	1,333.00
Total KEIR DUBOIS:			1,333.00
KELLY STRAYER	IACP CONFERENCE EXPENSES	POLICE DEPARTMENT	2,109.08
Total KELLY STRAYER:			2,109.08
KEVIN REED	WATER DEPOSIT REFUND	ASSETS	42.60
Total KEVIN REED:			42.60
KNOX ASSOCIATES INC	NEW AMBULANCE	FIRE DEPARTMENT	1,322.00
Total KNOX ASSOCIATES INC:			1,322.00
LANER MUCHIN LTD	RETAINER/LABOR RELATIONS	MANAGER'S OFFICE	3,726.67
LANER MUCHIN LTD	RETAINER/LABOR RELATIONS	MANAGER'S OFFICE	4,266.67
Total LANER MUCHIN LTD:			7,993.34
LAW OFFICES OF DENNIS G GI	ADMINISTRATIVE HEARING OFFICER	MANAGER'S OFFICE	555.00
Total LAW OFFICES OF DENNIS G GIANOPOLUS PC:			555.00
LBM TOOLS LLC	VEHICLE MAINT DEPT TOOLS	PUBLIC WORKS	69.50
LBM TOOLS LLC	VEHICLE MAINT DEPT TOOLS	PUBLIC WORKS	183.75
Total LBM TOOLS LLC:			253.25
LEE ENTERPRISES	VILLAGE KEY FALL 2024	MANAGER'S OFFICE	1,675.00
Total LEE ENTERPRISES:			1,675.00

Name	Description	DEPARTMENT	Net Invoice Amount
LEEPS SUPPLY CO INC	PLUMBING REPAIR SUPPLIES	PUBLIC WORKS	526.13
LEEPS SUPPLY CO INC	PLUMBING REPAIR SUPPLIES	PUBLIC WORKS	580.20
LEEPS SUPPLY CO INC	PLUMBING REPAIR SUPPLIES	PUBLIC WORKS	8.70
LEEPS SUPPLY CO INC	PLUMBING REPAIR SUPPLIES	PUBLIC WORKS	16.72
Total LEEPS SUPPLY CO INC:			1,131.75
M E SIMPSON CO INC	WATER LEAK DETECTION	PUBLIC WORKS	545.00
Total M E SIMPSON CO INC:			545.00
MAREN RONAN	LOBBYING SERVICES	MANAGER'S OFFICE	3,000.00
Total MAREN RONAN:			3,000.00
MCMASTER CARR SUPPLY	OPERATING SUPPLIES PW	PUBLIC WORKS	124.61
MCMASTER CARR SUPPLY	STREET DEPT REPAIR PARTS	PUBLIC WORKS	110.44
Total MCMASTER CARR SUPPLY:			235.05
MEADE ELECTRIC CO INC	TRAFFIC SIGNAL MAINTENANCE	PUBLIC WORKS	1,737.73
MEADE ELECTRIC CO INC	TRAFFIC SIGNAL MAINTENANCE	PUBLIC WORKS	1,481.84
MEADE ELECTRIC CO INC	TRAFFIC SIGNAL MAINTENANCE	EXPENSES	185.23
Total MEADE ELECTRIC CO INC:			3,404.80
MENARDS INC	OPERATING SUPPLIES - FD	FIRE DEPARTMENT	13.25
MENARDS INC	OPERATING SUPPLIES - FD	FIRE DEPARTMENT	10.98
MENARDS INC	HARTFORD BUILDING LIGHTS	MANAGER'S OFFICE	391.45
MENARDS INC	SIGN MATERIAL	PUBLIC WORKS	60.25
MENARDS INC	SHOP SUPPLIES	PUBLIC WORKS	129.47
MENARDS INC	AUDITORIUM RAILING	PUBLIC WORKS	16.98
MENARDS INC	OPERATING SUPPLIES	PUBLIC WORKS	23.94
MENARDS INC	HARTFORD LIGHTING PROJECT	MANAGER'S OFFICE	74.16
MENARDS INC	CAREER FAIR	PUBLIC WORKS	34.86
MENARDS INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	41.98
MENARDS INC	1313 175TH ST SUMP PUMP	PUBLIC WORKS	188.00
MENARDS INC	OPERATING SUPPLIES	FIRE DEPARTMENT	26.94
MENARDS INC	OPERATING SUPPLIES	FIRE DEPARTMENT	108.06
MENARDS INC	STREET LIGHT REPAIRS	PUBLIC WORKS	33.86
MENARDS INC	AUDITORIUM RAILS	PUBLIC WORKS	34.87
MENARDS INC	SHOP SUPPLIES	PUBLIC WORKS	36.92
MENARDS INC	CAREER DAY	PUBLIC WORKS	70.83
MENARDS INC	AUDITORIUM RAILS	PUBLIC WORKS	31.37
MENARDS INC	MONITOR CONNECTOR	PUBLIC WORKS	8.75
MENARDS INC	TRUCK SUPPLIES	PUBLIC WORKS	50.87
MENARDS INC	SHOP SUPPLIES	PUBLIC WORKS	272.77
MENARDS INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	28.99
MENARDS INC	HARTFORD LIGHTS	MANAGER'S OFFICE	123.47
MENARDS INC	EAR MUFFS	PUBLIC WORKS	24.69
MENARDS INC	OPERATING SUPPLIES PW	PUBLIC WORKS	85.81
MENARDS INC	VEHICLE PARTS	FIRE DEPARTMENT	4.29
MENARDS INC	OPERATING SUPPLIES PW	PUBLIC WORKS	43.21
MENARDS INC	BUILDING MAINTENANCE SUPPLIES	PUBLIC WORKS	51.64
MENARDS INC	EVENTS - HALLOWEEN DECOR	MANAGER'S OFFICE	9.96

Name	Description	DEPARTMENT	Net Invoice Amount
Total MENARDS INC:			2,032.62
MICHAEL KOZLOWSKI	ILHIA CONFERENCE EXPENSES	POLICE DEPARTMENT	1,147.74
Total MICHAEL KOZLOWSKI:			1,147.74
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	117.31
MONARCH AUTO SUPPLY INC	VEHICLE MAINT OPERATING SUPPLIES	PUBLIC WORKS	55.86
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	665.76
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	57.72
MONARCH AUTO SUPPLY INC	PARTS RETURN CREDIT	PUBLIC WORKS	57.72-
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	14.18
MONARCH AUTO SUPPLY INC	OPERATING SUPPLIES PW	PUBLIC WORKS	128.46
MONARCH AUTO SUPPLY INC	OPERATING SUPPLIES PW	PUBLIC WORKS	109.33
MONARCH AUTO SUPPLY INC	OPERATING SUPPLIES PW	PUBLIC WORKS	94.99
MONARCH AUTO SUPPLY INC	WATER DEPT REPAIR PARTS	PUBLIC WORKS	7.44
MONARCH AUTO SUPPLY INC	WATER DEPT REPAIR PARTS	PUBLIC WORKS	11.78
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	152.92
MONARCH AUTO SUPPLY INC	OPERATING SUPPLIES PW	PUBLIC WORKS	28.92
MONARCH AUTO SUPPLY INC	POLICE DEPT REPAIR PARTS	PUBLIC WORKS	17.70
MONARCH AUTO SUPPLY INC	STREET DEPT REPAIR PARTS	PUBLIC WORKS	94.99
MONARCH AUTO SUPPLY INC	OPERATING SUPPLIES PW	PUBLIC WORKS	59.17
Total MONARCH AUTO SUPPLY INC:			1,558.81
MUNICIPAL EMERGENCY SERV	BREATHING APP MAINT - FD	FIRE DEPARTMENT	739.00
Total MUNICIPAL EMERGENCY SERVICES INC:			739.00
NADEAUS ICE SCULPTURE INC	LIVE ICE SCULPTING	MANAGER'S OFFICE	2,070.00
Total NADEAUS ICE SCULPTURE INC:			2,070.00
NATHAN A OTTO	50% - MURAL WORK 2049 RIDGE ROAD	MANAGER'S OFFICE	3,500.00
Total NATHAN A OTTO:			3,500.00
NICK BRIMIE	DEPOSIT CREDIT DUE TO APPLICANT	PUBLIC WORKS	237.86
Total NICK BRIMIE:			237.86
NICOR	UTILITIES	PUBLIC WORKS	1,722.50
NICOR	UTILITIES	PUBLIC WORKS	203.97
NICOR	UTILITIES	PUBLIC WORKS	50.21
NICOR	UTILITIES	PUBLIC WORKS	296.47
NICOR	UTILITIES	PUBLIC WORKS	56.12
Total NICOR:			2,329.27
NIX NAX	QUARTERMASTER-UNIFORMS-PD	POLICE DEPARTMENT	15.00
Total NIX NAX:			15.00
O'HERRON CO	QUARTERMASTER-UNIFORMS-PD	POLICE DEPARTMENT	14.96
O'HERRON CO	QUARTERMASTER-UNIFORMS-PD	POLICE DEPARTMENT	84.18

Name	Description	DEPARTMENT	Net Invoice Amount
Total O'HERRON CO:			99.14
PRECISION FENCE & IRON INC	BUILDING MAINT SUPPLIES	PUBLIC WORKS	150.00
Total PRECISION FENCE & IRON INC:			150.00
PROSHRED SECURITY	SHREDDING	POLICE DEPARTMENT	80.32
Total PROSHRED SECURITY:			80.32
QUALITY CONTROL SYSTEMS I	HVAC MAINTENANCE	PUBLIC WORKS	2,917.89
Total QUALITY CONTROL SYSTEMS INC:			2,917.89
RAYMOND MCCALLUM	80% MEDICARE SUPPLEMENT REIMBURSEMENT	MANAGER'S OFFICE	592.46
Total RAYMOND MCCALLUM:			592.46
RECTITUDE TRAINING LLC	TRAINING-PD	POLICE DEPARTMENT	2,250.00
Total RECTITUDE TRAINING LLC:			2,250.00
RELIANCE SAFETY LANE & SE	VEHICLE SAFETY INSPECTION	FIRE DEPARTMENT	32.50
RELIANCE SAFETY LANE & SE	VEHICLE SAFETY INSPECTION	FIRE DEPARTMENT	32.50
RELIANCE SAFETY LANE & SE	VEHICLE SAFETY INSPECTION	FIRE DEPARTMENT	32.50
Total RELIANCE SAFETY LANE & SERVICE:			97.50
RNOW INC	SEWER CAMERA REPAIRS	PUBLIC WORKS	433.00
Total RNOW INC:			433.00
ROEDA INC	VEHICLE PURCHASE PD	PUBLIC WORKS	1,395.00
ROEDA INC	VEHICLE PURCHASE PD	PUBLIC WORKS	1,395.00
Total ROEDA INC:			2,790.00
SEAL-RITE CORPORATION	SEALCOATING	PUBLIC WORKS	5,800.00
SEAL-RITE CORPORATION	SEALCOATING		5,400.00
Total SEAL-RITE CORPORATION:			11,200.00
SECOND CHANCE CARDIAC S	MEDICAL SUPPLIES	FIRE DEPARTMENT	3,902.75
Total SECOND CHANCE CARDIAC SOLUTIONS INC:			3,902.75
SERVICE SANITATION INC	PORTABLE SANITATION - FARMERS MARKET	MANAGER'S OFFICE	262.20
Total SERVICE SANITATION INC:			262.20
SHARK SHREDDING INC	MONTHLY SHREDDING	FIRE DEPARTMENT	67.20
Total SHARK SHREDDING INC:			67.20
SHEPLEY MOTOR EXPRESS	1" STONE	PUBLIC WORKS	2,742.11
SHEPLEY MOTOR EXPRESS	1" STONE	PUBLIC WORKS	346.43

Name	Description	DEPARTMENT	Net Invoice Amount
Total SHEPLEY MOTOR EXPRESS:			3,088.54
SHERWIN INDUSTRIES INC	PARK AVENUE DELINEATORS	PUBLIC WORKS	3,076.13
Total SHERWIN INDUSTRIES INC:			3,076.13
SHOREWOOD HOME AND AUT	L&M DEPT REPAIR PARTS	PUBLIC WORKS	736.37
Total SHOREWOOD HOME AND AUTO INC:			736.37
SNAP-ON INDUSTRIAL	VEHICLE MAINTENANCE TOOL	PUBLIC WORKS	783.43
Total SNAP-ON INDUSTRIAL:			783.43
SO SUB MAYORS & MANAGERS	GIS CONSORTIUM MEMBERSHIP DUES 5/1/24-4/30/25	PUBLIC WORKS	4,200.00
SO SUB MAYORS & MANAGERS	GIS CONSORTIUM MEMBERSHIP DUES 5/1/24-4/30/25	MANAGER'S OFFICE	4,200.00
Total SO SUB MAYORS & MANAGERS ASSOC:			8,400.00
SOUND INCORPORATED	MONTHLY HOSTED SERVICES FEE	MANAGER'S OFFICE	495.00
Total SOUND INCORPORATED:			495.00
SOUTH SUBURBAN PADS	OCTOBER PADS CONTRIBUTION	ASSETS	239.00
Total SOUTH SUBURBAN PADS:			239.00
STACEY MCSWINE	WATER DEPOSIT REFUND	ASSETS	25.38
Total STACEY MCSWINE:			25.38
STANARD & ASSOCIATES INC	POLICE APPLICANT PSYCHOLOGICAL EXAM	MANAGER'S OFFICE	495.00
Total STANARD & ASSOCIATES INC:			495.00
SUBURBAN LABORATORIES IN	WATER SAMPLES	PUBLIC WORKS	167.50
Total SUBURBAN LABORATORIES INC:			167.50
SWIFT SAW & TOOL SUPPLY	STREET DEPT REPAIR PARTS	PUBLIC WORKS	59.80
Total SWIFT SAW & TOOL SUPPLY:			59.80
SYLVIA ALEXANDER	QUARTERMASTER-UNIFORMS-PD	POLICE DEPARTMENT	62.95
Total SYLVIA ALEXANDER:			62.95
TAYLOR PRINT & VISUAL IMPR	ACCOUNTS PAYABLE CHECK STOCK	MANAGER'S OFFICE	1,088.70
Total TAYLOR PRINT & VISUAL IMPRESSIONS INC:			1,088.70
THE EAGLE UNIFORM CO INC	QUARTERMASTER-UNIFORMS-PD	POLICE DEPARTMENT	36.00
Total THE EAGLE UNIFORM CO INC:			36.00
THOMPSON ELEVATOR INSPEC	CASINO ELEVATOR INSPECTIONS	FIRE DEPARTMENT	250.00

Name	Description	DEPARTMENT	Net Invoice Amount
THOMPSON ELEVATOR INSPEC	ELEVATOR CERTIFICATE - METRA	FIRE DEPARTMENT	4.00
Total THOMPSON ELEVATOR INSPECTION:			254.00
THORN CREEK BASIN SAN DIS	TCBSD REVENUE PAYOUT	ASSETS	88,816.99
THORN CREEK BASIN SAN DIS	LATE PMT PENALTIES CHARGED TO CUSTOMERS	ASSETS	1,393.99
Total THORN CREEK BASIN SAN DISTRICT:			90,210.98
TRAFFIC CONTROL & PROTEC	SIGNS	PUBLIC WORKS	125.45
Total TRAFFIC CONTROL & PROTECTION LLC:			125.45
TRAFFIC CONTROL COMPANY	2024 PAVEMENT MARKING - INVOICE 2	PUBLIC WORKS	84,349.76
Total TRAFFIC CONTROL COMPANY:			84,349.76
TRAINING CONCEPTS INC	CPR TRAINING MATERIALS	POLICE DEPARTMENT	800.00
Total TRAINING CONCEPTS INC:			800.00
TRL TIRE SERVICE	PUBLIC WORKS TIRES	PUBLIC WORKS	975.54
Total TRL TIRE SERVICE:			975.54
ULINE	PALLET RACKS FOR COLD STORAGE	PUBLIC WORKS	1,467.31
Total ULINE:			1,467.31
UNIVERSITY OF IL	SPECIALTY TRAINING	POLICE DEPARTMENT	525.00
Total UNIVERSITY OF IL:			525.00
USA BLUEBOOK	LOCATE FLAGS/PAINT	PUBLIC WORKS	159.56
USA BLUEBOOK	OPERATING SUPPLIES PW	PUBLIC WORKS	372.53
USA BLUEBOOK	OPERATING SUPPLIES PW	PUBLIC WORKS	85.40
Total USA BLUEBOOK:			617.49
UTERMARK & SONS QUALITY L	GRASS CUTTING	FIRE DEPARTMENT	51.50
UTERMARK & SONS QUALITY L	GRASS CUTTING	FIRE DEPARTMENT	453.83
UTERMARK & SONS QUALITY L	GRASS CUTTING	FIRE DEPARTMENT	239.79
Total UTERMARK & SONS QUALITY LAWN CARE CO:			745.12
VERIZON CONNECT NWF INC	PUBLIC WORKS GPS	PUBLIC WORKS	185.12
Total VERIZON CONNECT NWF INC:			185.12
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	101.36
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	107.06
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	122.32
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	308.65
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	479.57
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	28.32
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	97.50
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	1,352.50

Name	Description	DEPARTMENT	Net Invoice Amount
VESTIS GROUP INC	UNIFORM ALLOWANCE	PUBLIC WORKS	194.94
Total VESTIS GROUP INC:			2,792.22
WALTS FOOD CENTER	SNOW TRAINING	PUBLIC WORKS	81.38
Total WALTS FOOD CENTER:			81.38
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	MANAGER'S OFFICE	198.75
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	MANAGER'S OFFICE	135.80
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	PUBLIC WORKS	479.00
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	FIRE DEPARTMENT	70.56
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	MANAGER'S OFFICE	92.38
WAREHOUSE DIRECT OFFICE	OFFICE SUPPLIES	PUBLIC WORKS	76.47
Total WAREHOUSE DIRECT OFFICE PDTS:			1,052.96
WAYTEK INC	OPERATING SUPPLIES PW	PUBLIC WORKS	298.73
Total WAYTEK INC:			298.73
WENTWORTH TIRE SERVICE IN	TAHOE 28	FIRE DEPARTMENT	674.00
WENTWORTH TIRE SERVICE IN	TAHOE 28	FIRE DEPARTMENT	128.91
WENTWORTH TIRE SERVICE IN	TAHOE 28	FIRE DEPARTMENT	101.50
Total WENTWORTH TIRE SERVICE INC:			904.41
WES REDER	WATER DEPOSIT REFUND	ASSETS	2.42
Total WES REDER:			2.42
WEX BANK	POLICE DEPT FUEL	PUBLIC WORKS	480.03
Total WEX BANK:			480.03
WINKLER TREE AND LAWN CA	CONTRACTUAL TREE TRIMMING	PUBLIC WORKS	2,160.00
WINKLER TREE AND LAWN CA	CONTRACTUAL TREE TRIMMING	PUBLIC WORKS	1,200.00
Total WINKLER TREE AND LAWN CARE:			3,360.00
WISCO	OXYGEN - FD	FIRE DEPARTMENT	186.61
Total WISCO:			186.61
WRIGHT MATERIALS LLC	BLACK DIRT	PUBLIC WORKS	600.00
WRIGHT MATERIALS LLC	BLACK DIRT	PUBLIC WORKS	125.00
WRIGHT MATERIALS LLC	BLACK DIRT	PUBLIC WORKS	400.00
Total WRIGHT MATERIALS LLC:			1,125.00
ZEP MANUFACTURING CO	DISPOSABLE COMMODITIES	PUBLIC WORKS	396.20
Total ZEP MANUFACTURING CO:			396.20
Grand Totals:			1,185,571.74

Name	Description	DEPARTMENT	Net Invoice Amount
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Dated: _____

Village Clerk: _____



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Amy Zukowski, Director of Finance

Topic: Oath of Office – Jeimy Vazquez – Full-Time Finance Clerk

PURPOSE

Staff requests the Village Clerk administer the Oath of Office to Jeimy Vazquez for the position of full-time Finance Clerk in the Finance Department.

PROCESS

Jeimy’s first day as a full-time Finance Clerk with the Village was on October 28, 2024. Jeimy came to the Village with a background in healthcare, but was looking to transition into the world of finance. Her previous roles in healthcare provided her with the organizational, customer service, and analytical skills that made her a great candidate for the position.

Jeimy will complete her Bachelor of Arts in Finance from Western Governors University later this month. She is eager to put her education to use as she begins her career in municipal finance.

The Village is excited to have Jeimy as part of the Finance team and looks forward to all she will be able to contribute to the department.

OUTCOME

Jeimy Vazquez will serve as a full-time Finance Clerk in the Finance Department.

FINANCIAL IMPACT

- **Funding Source:** N/A
- **Budgeted Amount:** N/A
- **Cost:** N/A

LEGAL REVIEW

Not required

RECOMMENDED BOARD ACTION

Request the Village Clerk to administer the Oath of Office to Jeimy Vazquez for the position of full-time Finance Clerk in the Finance Department.

VILLAGE OF HOMEWOOD

Item 9. A.



ATTACHMENT(S)

None



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Denise McGrath – Chief of Police

Topic: Oath of Office – Daniel Morrison – Police Officer

PURPOSE

Staff is requesting the Village Clerk administer the oath of office to Officer Daniel Morrison for the position of Police Officer.

PROCESS

Daniel Morrison applied for the position of Police Officer through the Board of Fire and Police Commissioners’ Police Officer Entry Level Application process. The Board of Fire and Police Commissioners met on September 18, 2024 to consider issuing a conditional offer of employment following a review of the background report. The Commissioners voted unanimously in favor of extending an offer of conditional employment to Daniel Morrison. That offer was contingent upon successful completion of polygraph, psychological, and medical exams.

Officer Morrison successfully completed all pre-employment testing and began his employment with the Village of Homewood on October 13, 2024. Officer Morrison received his certification as a Police Officer from the State of Illinois in October 2023. Officer Morrison held all the required certifications and immediately entered the Homewood Police Department Field Training Program.

Educational Background

Officer Morrison graduated from Benito Juarez Community High School in 2019. He studied Computer Science at St. Xavier University then attended Moraine Valley Community College where he studied Criminal Justice.

Employment Background

Officer Morrison worked as a Correctional Officer for the Cook County Department of Corrections from August of 2022 to May of 2023. He most recently worked as a police officer for the City of Harvey from May 2023 to October 2024. Officer Morrison also attended the City of Chicago Metropolitan Police Recruit Training Program prior to joining the Homewood Police Department.



OUTCOME

The Village welcomes Daniel Morrison as the newest member of the Homewood Police Department.

FINANCIAL IMPACT

- **Funding Source:** N/A
- **Budgeted Amount:** N/A
- **Cost:** N/A

LEGAL REVIEW

Not required

RECOMMENDED BOARD ACTION

Request the Village Clerk administer the Oath of Office to Officer Daniel Morrison for the position of Police Officer.

ATTACHMENT(S)

None



Monument Sign Opportunities

Prepared by View Transit for Village of Homewood

September 16, 2024



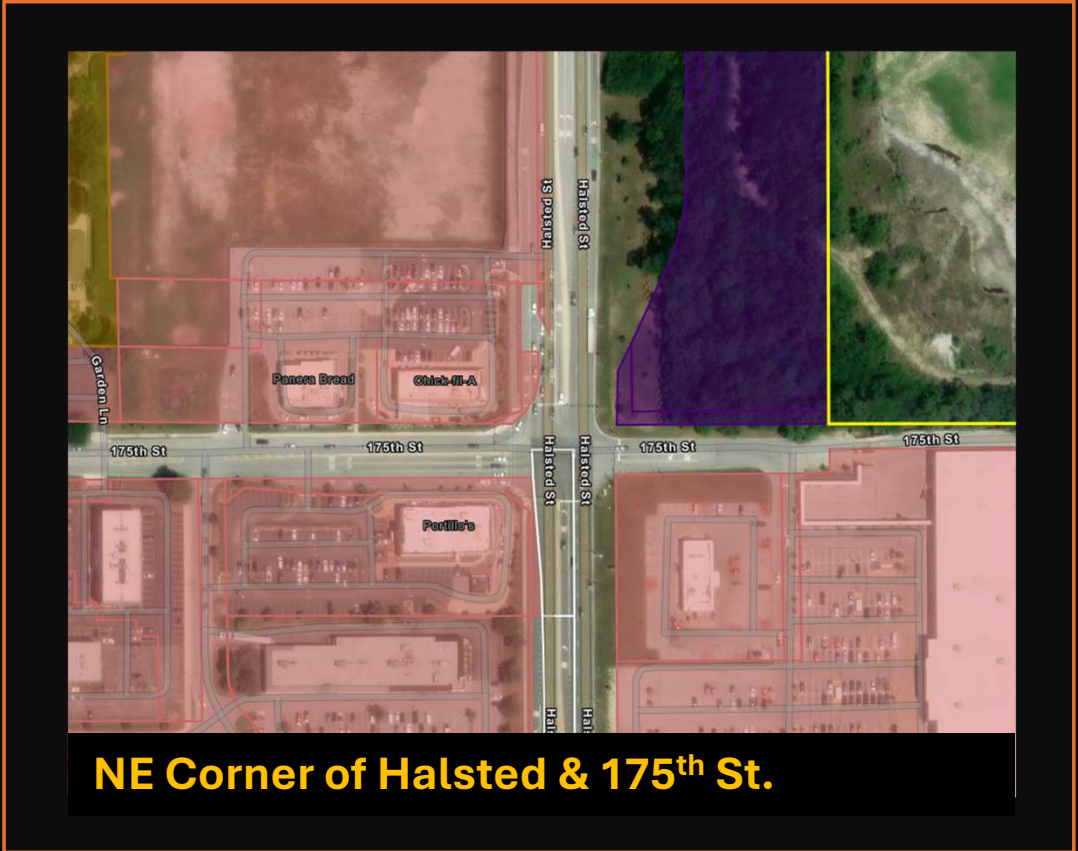
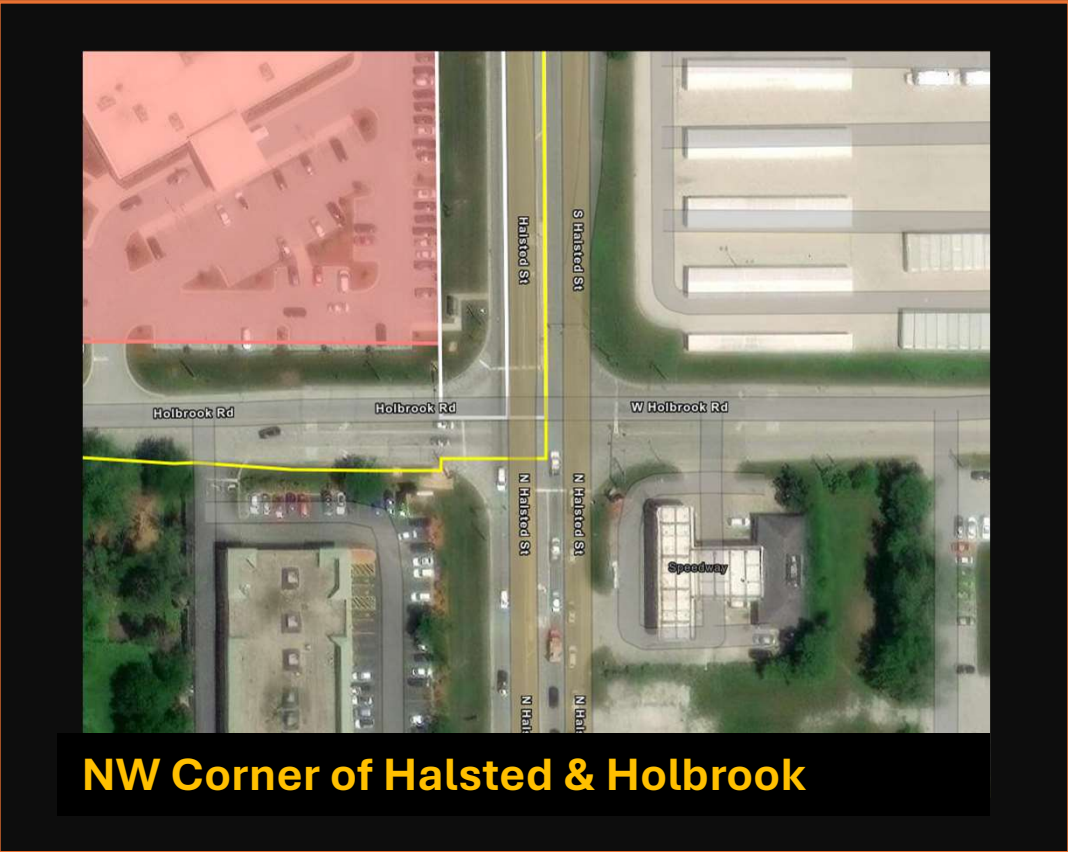
Overview

- Attractive digital signage displays...
 - Provide Homewood with a new way to reach citizens with community news, public service message, public health & emergency alerts;
 - Provide Homewood with recurring annual revenue, in the form of advertising revenue share, to supplement municipal budgets;
 - Are great advertising medium for community business;
 - Welcome residents to the community with attractive, landscaped displays at no cost to the public.



Possible Sites

- These are preliminary possibilities for discussion purposes.
- Sites are selected based on visibility and traffic.
- Signs would have all necessary permits, acquired by View Transit at their cost.
- Near the north and south borders of Homewood, they serve the purpose of welcoming the travelling public



Community Messaging

- Available media space on the displays will be offered to the village at no cost.
- Promote upcoming community events like festivals and farmers market;
- Provide important community news like election and polling information.
- Feature educational programs and upcoming school events.
- Advertise option municipal employment with “Now Hiring” messages.





BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Terence Acquah, Assistant Village Manager

Topic: Contract – Facility Hardening & Disaster Resiliency Assessment

PURPOSE

Staff is proposing to engage Interface Engineering of Chicago, Illinois to conduct a comprehensive study to assess the electrical backup needs for Village facilities. The study will provide recommendations on redundancy and disaster preparedness for Village-owned facilities. Following this evaluation, Interface Engineering will provide cost-effective recommendations for phased solutions aimed at upgrading the electrical backup power systems, both internally and externally. This initiative will ensure that each facility remains fully operational guarding against power outages during severe weather and other disasters. Board approval is required to enter into this contract.

PROCESS

On July 15, 2024 the Village experienced an unprecedented weather event that had a significant impact on much of the area. A confirmed EF-1 tornado, with wind speeds exceeding 100 MPH, inflicted extensive damage throughout the Village. Power outages affected a large portion of downtown, including Village Hall, which had to remain closed for three days. Although the Police and Fire Departments were able to operate on backup power, most of their facilities still experienced outages.

This storm revealed critical weaknesses in the Village's electrical redundancy. Traditionally, Village Hall is expected to serve as a refuge for residents during natural disasters; unfortunately, Village Hall and other facilities were unable to remain fully operational, indicating a need for redundancies and improvements.

In response, staff desires to engage a firm to conducted an assessment of five Village facilities: Village Hall, Police Station, Fire Station, Municipal Service Center (Public Works Facility), and the Brian Carey Training Center which serves as the Village's Emergency Operations Center (EOC). The assessment aimed to identify cost-effective, phased solutions to build in redundancies by way of electrical backup power systems. The assessment will included upgrades to both internal systems (such as outlets, internal circuitry, and emergency lighting) and external connections



(like generator integration), ensuring that all five Village facilities remain fully operational during power outages and other emergencies that may lead to extended power outages.

A Request for Qualifications (RFQ) was issued on August 23, 2024, with two (2) electrical engineering firms responding: (1) Interface Engineering of Chicago, IL and (2) Millhouse Engineering of Chicago, IL.

Interface Engineering was selected to conduct the study, partly due to their submitting the lowest proposal cost estimate. In the company's cost-efficient proposal, Interface Engineering was able to demonstrate their extensive experience in conducting electrical studies by having a highly-qualified and experienced project team.

Previous clients of Interface Engineering include the University of Illinois, University of Illinois at Chicago (UIC), and the City of Geneva, Illinois.

Interface Engineering proposes to:

- review the current electrical equipment inventory and power consuming apparatus.
- interview Village staff who are responsible for management of each facility to determine requirement for current and future loads.
- review existing electrical schematics and maintenance records for all properties.
- assess the backup power required to support the full power demands of the operational programs housed at each facility.
- develop budget cost estimates for the backup power options developed in the assessment.
- meet with the Village Project Manager and other staff to discuss budget costs for the options developed for each facility.
- further refine options developed to address input from the Village team.
- compile assessment documentation into a final report document and deliver to the Village.

It is anticipated that Interface Engineering will take six (6) to eight (8) weeks to complete the assessment. The firm is requiring a lump-sum fee of \$34,500 to complete the assessment.

OUTCOME

This comprehensive study will identify the necessary equipment and facility improvements needed for the Village to remain fully operational during power blackouts and other events that could result in extended outages. The next phase of this process will include the implementation of the phased work. The costs to implement recommendations will be included in the Village's ongoing Capital Plan and also in various budget/operational line items depending on the costs.



Because of the electrical analysis and work required to complete this study, staff initially budgeted \$148,518 of American Rescue Plan Act (ARPA) funds. Interface Engineering’s proposal was well under the estimated budget amount. The approximate \$114,000 in savings will be re-allocated to another project that staff will agendize for Board approval before the end of the calendar year - with the understanding that all ARPA dollars must be “obligated” by the end of the year.

FINANCIAL IMPACT

- **Funding Source:** American Rescue Plan Act (ARPA) Funds
- **Budgeted Amount:** \$148,518
- **Cost:** \$34,500

LEGAL REVIEW

Completed

RECOMMENDED BOARD ACTION

Authorize the Village President to enter into an agreement with Interface Engineering of Chicago, IL for \$34,500, to conduct a Facility Hardening and Disaster Resiliency Assessment.

ATTACHMENT(S)

- Interface Engineering proposal
- Interface Engineering RFQ response
- Millhouse Engineering proposal
- Millhouse Engineering RFQ response
- Facility Hardening & Disaster Resiliency Assessment RFQ

October 31, 2024

Terence Acquah, MPA
Assistant Village Manager
Village of Homewood
2020 Chestnut Road
Homewood, Illinois 60430

Re: Village of Homewood
Power Requirements Assessment
Professional Services Proposal

Dear Mr. Acquah:

Thank you for the opportunity to provide you with our proposal for the above referenced power assessment project.

This proposal is based on our Standard Provisions of Agreement for Professional Services, which is attached and incorporated by this reference.

PROJECT DESCRIPTION

Project Owner

Name: Village of Homewood
Address: 2020 Chestnut Road, Homewood, Illinois

Project Location

Address: Multiple locations
City, State: Homewood, Illinois

Project Description

The required scope of work for this project is an assessment of five critical facilities to develop phased and cost recommendations and system redundancies and resilience in those facilities. The facilities to be covered include the Village Hall, Police Station, Fire Station, Municipal Service Center (Public Works Facility) and the Brian Carey Training Center (Emergency Operations Center–EOC).

The work will include a facility assessment and recommendations for cost effective and phased solutions to upgrade the electrical backup power systems both internally (i.e. outlets and internal circuitry, emergency lighting, etc.) and externally (generator connectivity) such that each of these five essential Village facilities will remain fully operational during power blackouts or extended power outages. This assessment will include evaluation of all required mechanical, electrical, plumbing and fire protection modifications required to fulfill this objective at each facility.

Sustainable Design Requirements

There are no specific sustainable design requirements for this project.
We will include energy efficient designs where feasible and cost effective.

INFORMATION SOURCE

- Based on a Village of Homewood RFQ issued in August 2024.
- Based on conversations and site visit with Village of Homewood project team.

PROJECT SCHEDULE

- Assessment/Power Study: From 15 November 2024 to 15 January 2025.

Note: Dates listed above are approximate based on information provided. Final deliverable date will be adjusted to reflect the actual project start date.

MEETINGS AND DESIGN SITE VISITS

- Virtual meetings and conference calls as required.
- In person meetings with design team and Village of Homewood representatives at key project milestones.
- Site visits as required to develop information required for assessment work.
- Attendance at Village Board meeting to present final report document.

Our scope of services shall include the following:

Project Management Services

We shall fully manage the development and coordination of the power system needs assessment including coordination of all conceptual layouts, plans, estimated costs, coordination and conformance with all relevant codes applicable to this work product.

We shall supervise, coordinate, monitor and design review for conformance with Village standards, policies, and procedures. We shall be responsible for project administration and coordination, including the following:

- Maintain regular communication with the Village's Project Manager and coordination of project design/layout development, meetings with Village and all affected parties identified by Village staff.
- Set-up and manage meetings for assessment of each facility's existing backup power generator system establishing the power needs of each facility, clarifying legal requirements, restrictions, necessary code upgrades, etc.
- Communicate conceptual layouts as needed for the facility's building, utility rooms, electrical connections and cabinets, general access, MEP layout and proposed changes needed.
- Communicate and substantiate Mechanical, Electrical, Plumbing system required changes if any.
- Coordinate development of cost estimates so that full backup power is provided.
- Prepare meeting minutes with an action item matrix and agenda which shall be distributed to the Village as required

Power Assessment Phase Services

We shall complete an assessment of the power needs of each facility to include the following:

- Review of current electrical equipment inventory and power consuming apparatus.
- Interviews with Village staff responsible for management of each facility to determine requirement for current and future loads.
- Review existing electrical schematics and maintenance records for all properties.
- We shall assess the backup power required to support the full power demands of the operational programs housed at each facility.
- Develop budget cost estimates for the backup power options developed in the assessment.
- Meet with the Village Project Manager and other staff to discuss budget costs for the options developed for each facility.
- Further refine option developed to address input from the Village team.
- Compile Assessment documentation into a final report document to be delivered to the Village.

Items to be addressed and included as part of the Assessment Phase report include the following, as detailed in the RFQ document:

- Electrical System Evaluation
- Generator Replacement
- Control and Security Panel Upgrades
- Individual Power Supply Assessment – Police and Fire Departments
- Labeling and Outlet Identification
- Emergency Power and Lighting Solutions
- Emergency Power and Lighting Solutions
- Surge Protection Implementation
- Facility Condition Analysis
- Deferred Maintenance Survey
- Budget

FEE

Professional Services

For the Project Management and Power Assessment Phase Scope of Services described above, we propose a lump sum fee in the amount of **Thirty-Four Thousand Five-Hundred Dollars (\$34,500.00)**.

PAYMENT TERMS

Standard reimbursable expenses include, but are not limited to: final plots, shipping, and messenger services.

Billed in addition to the above fee at cost.

We will bill fees and reimbursable expenses monthly as services are performed. Payment is due within 60 days of receipt of invoice. Finance charges may be added after that time at a rate of 1.5 percent per month (annual rate of 18 percent). Finance charges will be applied to delayed payments resulting from lack of project funding. Upon aging of fees and reimbursable expenses beyond 90 days, Interface reserves the right to meet to determine resolution prior to continuation of services.

This proposal is valid for 90 days from the date first written above. Interface Engineering, Inc. (Interface) reserves the right to modify or update this proposal after that date.

ADDITIONAL SERVICES

Services requested beyond those included in this proposal will be considered extra services and will be billed either at hourly rates listed below or will be estimated on a lump sum basis. Interface may decline to perform additional work until authorization is received in writing.

Additional services will be billed at our standard hourly rates at the time the work is performed*. Our current standard hourly rates (2024) are:

Senior Principal:	\$375/Hour
Principal:	\$325/Hour
Associate Principal:	\$265/Hour
Associate/Project Manager:	\$250/Hour
Sr. Engineer-Designer:	\$220/Hour
Engineer-Designer:	\$175/Hour
Project Designer-Drafter:	\$155/Hour
Administrative:	\$125/Hour

Attached is our Standard Provisions of Agreement for Professional Services. If this Proposal and the Standard Provisions of Agreement meet with your approval, please sign below, initial the Standard Provisions, and return to us. By your signature, you acknowledge that you have read the Standard Provisions of Agreement and that you read and agree to the Limitation of Liability paragraph. We will not proceed with the work until this signed Agreement is returned to us. In addition, you represent that you have authority to bind the Village of Homewood. If you have modified this proposal, we will review your modifications. This Agreement shall not be in effect until we sign, accepting your modifications.

If you have any questions, please contact this office.

Sincerely,



F. Thomas Voltaggio, PE
Principal

FTV:tv

Enclosures: Standard Provisions;

COMPANY: Village of Homewood

CONTACT: _____
Terence Acquah, Assistant Village Manager Date _____

STANDARD PROVISIONS OF AGREEMENT FOR PROFESSIONAL SERVICES

1. **Standard of Care:** The services provided by Interface Engineering, Inc. (Interface) under this Agreement will be performed in a manner consistent with that degree of care and skill ordinarily exercised by members of the same profession currently practicing under similar circumstances. Interface makes no other representations or warranties, whether express or implied, with respect to the services rendered hereunder.
2. **Indemnity:** Client shall, to the fullest extent permitted by law, indemnify and hold harmless Interface, its officers, directors, employees, agents and subconsultants from and against all damages, liability and costs, including reasonable attorneys' fees and costs, at trial, arbitration and on appeal, arising out of or in any way connected with the performance of Client and Interface pursuant to this Agreement, excepting only those damages, liabilities, or costs attributable to the sole negligence or willful misconduct of Interface.
3. **Non-Responsibility:** Interface shall not be responsible for damages and shall not be held in default by reason of events or circumstances beyond Interface's reasonable control; or for delays caused by failure of Client or Client's agents to furnish information or to approve or disapprove Interface's work promptly, or due to late or slow or faulty performance by Client, Client's consultants, contractors, or governmental agencies, in the performance of acts which are precedent to or concurrent with the performance of Interface's services.
4. **Client Information:** Client shall provide all criteria and full information as to Client's requirements for the Project; designate a person to act with authority on Client's behalf in respect of all aspects of the Project; examine Interface's submissions; and respond promptly to Interface; and give prompt written notice to Interface whenever Client observes or otherwise becomes aware of any defect in the work. Interface has a right to rely on the accuracy and completeness of information provided by Client.
5. **Payment:** Fees and reimbursable expenses will be billed monthly as services are performed. Invoices shall be due upon receipt and shall be delinquent if not paid within 60 days of receipt of invoice. Delinquent invoices shall bear interest at the rate of 1.5 percent per month (but not exceeding the maximum amount allowable by law) until paid. Finance charges will be applied to delayed payments resulting from lack of project funding. Upon aging of reimbursable expenses beyond 90 days, Interface reserves the right to meet with Architect and holder of Prime Contract to determine resolution prior to continuation of services. Payments received shall be first applied to interest and then to the unpaid principal balance. Client shall pay Interface's reasonable costs, including staff time, attorneys' fees and costs, incurred in collecting any delinquent amount regardless of whether litigation or arbitration has been filed.
6. **Fees:** Client shall pay the cost of checking and inspection fees, zoning and annexation application fees, assessment fees, soils and engineering fees, soils testing fees, aerial topography fees and all other fees, permits, bond premiums, title company charges, document reproduction costs, and other charges not specifically covered by the terms of this Agreement. Any such fees paid by Interface on behalf of Client shall be reimbursed, along with other reimbursable expenses, as invoiced.
7. **Site Control:** Interface and its personnel shall have no authority or responsibility to exercise any control over any construction contractor or other entity in connection with their work or any health or safety precautions associated with the Project. Client agrees that its contractor shall be solely responsible for job site safety, means and methods, and warrants that this intent shall be made

evident in Client's agreement with its contractor. Client also agrees that Client, Interface, and Interface's consultants shall be indemnified and shall be made additional insureds under the Contractor's General Liability Insurance Policy and Builder's Risk Policy.

8. **Document Ownership:** All reports, plans, specifications, field data and notes, and other documents including all documents on electronic media, prepared by Interface as instruments of service shall remain the property of Interface. Client may make and retain copies for information and reference in connection with the use and occupancy of the Project; however, such documents are not intended or represented to be suitable for reuse by any person for extension of the Project or for any other project. Any reuse or modification to the documents, without the prior written authorization of Interface shall be at Client's sole risk and without liability to Interface, its independent professional associates or consultants. Client agrees, to the fullest extent permitted by law, to indemnify, defend, and hold Interface harmless from any claim, cause of action, liability, or cost (including reasonable attorneys' fees and defense costs at trial, arbitration and on appeal) arising out or allegedly arising out of any unauthorized reuse or modification of the documents by Client or any person or entity that acquires or obtains the documents from or through Client without Interface's written authorization.
9. **Cost Estimates:** In providing opinions of probable construction costs, Client understands that Interface has no control over cost or the price of labor, equipment, or materials or over any contractor's method of pricing, and the opinions of probable construction costs provided by Interface are to be made on the basis of Interface's qualifications and experience. Interface makes no warranty, express or implied, as to the accuracy of such opinions as compared to bids or actual costs of the work estimated.
10. **Hazardous Materials:** Client acknowledges that Interface's scope of services does not include any services related to asbestos, hazardous or toxic materials. In the event Interface, or any other party, encounters these materials at a job site, or it should become known that any such materials may be present at a job site or in adjacent areas which may affect Interface's performance of services, Interface may, at its option and without liability for consequential or any other damages, suspend performance of services on the project until Client retains appropriate specialist(s), consultant(s) or contractor(s) to identify, abate and/or remove the asbestos, hazardous or toxic materials, and warrant that the job site is in full compliance with applicable laws and regulations. Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless Interface, its officers, directors, employees, agents, and subconsultants, from and against any and all claims, allegations, suits, liabilities, damages, and costs, including reasonable attorneys' fees and costs, at trial, arbitration or appeal, arising out of, or in any way connected with the detection, presence or handling, removing, abatement, or disposal of any asbestos, hazardous or toxic substances, products and materials that exist on, about, or adjacent to the job site.
11. **Termination - Suspension:** Failure by Client to pay any invoice before it becomes delinquent shall constitute a material breach of this Agreement and shall entitle Interface to suspend performance of services until such delinquency is cured or, so long as such delinquency persists, Interface may terminate this Agreement upon five days' written notice without liability. This Agreement may otherwise be terminated by either party upon 30 days' written notice to the other in the event of a material breach by the other. In the event that Client becomes bankrupt or insolvent, Interface may terminate this contract without liability for direct, consequential or any other type of damages. In the event of termination of this Agreement, Client shall promptly pay Interface for all services rendered

and all costs incurred up to the date of termination, in accordance with the compensation provision of this agreement.

12. **Third-Party Beneficiary:** Nothing in this Agreement shall create a contractual relationship with, nor a cause of action in favor of any third party against, either Client or Interface. Interface's services under this Agreement are performed solely for Client's benefit, and no other entity shall have any claim against Interface because of this Agreement or the performance or non-performance of services hereunder.
13. **Mediation:** Should any dispute arise between Client and Interface under this Agreement, it is agreed that such dispute will be submitted to a mediator, agreed to and compensated equally by the parties, prior to commencement of litigation. Mediation will be conducted in Chicago, IL. Both parties agree to exercise their best efforts and good faith to resolve all disputes in mediation.
14. **Illinois Law:** This Agreement is to be governed by and interpreted under the law of the state of Illinois. Should any provision of this Agreement be found or deemed to be invalid, this Agreement shall be construed as not containing such provision, and all other provisions which are otherwise lawful shall remain in full force and effect.
15. **Assignment:** Neither Client nor Interface shall assign its interest in this Agreement without the prior written consent of the other.
16. **Warranties:** Interface has made no warranties or guaranties except as expressly written within the Agreement.
17. **ADA and Regulatory Compliance:** The American with Disabilities Act ("ADA") requires the removal of architectural barriers. Client acknowledges that requirements of the ADA will be subject to various, and possibly contradictory, interpretations. Client also acknowledges that other laws, codes, rules, ordinances, and regulations may also be subject to contradictory interpretation. Interface will use reasonable professional efforts and judgment to interpret typical ADA requirements, and other federal, state and local laws, rules, codes, ordinances, and regulations, as they apply to the project. Interface cannot and does not warrant or guarantee that Client's project will comply with all interpretations of the ADA requirements, and/or the requirements of other federal, state and local laws, rules, codes, ordinances, and regulations, as they apply to the project. Client agrees that Interface is not obligated for additional costs incurred due to changed interpretations, providing Interface used reasonable professional effort and judgment.
18. **Integration:** This Agreement contains the entire Agreement between Client and Interface, and no other oral or written inducement or promise has been made to or extended from either party as a part of this Agreement.
19. **Waiver:** The failure of either Party to enforce any provision of this Agreement shall not constitute a waiver of that or any other provision.
20. **Limitation of Liability: Professional and Nonprofessional Liability:** To the maximum extent permitted by law, and in recognition of the risks and rewards to Client and Interface, Client agrees to limit Interface's liability for Client's damages arising from Interface's errors and omissions associated with work performed under this Agreement to Interface's fee paid to date. As to all non-professional liability claims, Client Agrees to limit Interface's liability to Interface's available insurance. These limitations shall apply regardless of the cause of action or legal theory pleaded or asserted, including, but not limited to negligence, breach of contract, negligent misrepresentation, and strict liability. Client may negotiate higher limitations of liability for an additional fee.

21. Limitation of Liability - Consequential Damages: Neither Interface nor Interface's directors, agents, employees, representatives, or subconsultants, shall be liable to Client for any indirect, special, incidental, consequential, or exemplary damages arising out of, or in connection with, the performance of services under this Agreement, whether in an action based upon contract, delay, negligence, strict liability, negligent misrepresentation, reckless misrepresentation, or otherwise.
22. Statutes of Limitation: Causes of action between the parties to this Agreement pertaining to acts or failures to act shall be deemed to have accrued and the applicable statutes of limitations shall commence to run not later than either the date of substantial completion or the date of issuance of the final certificate for payment for acts or failures to act occurring after substantial completion. In no event shall such statutes of limitations commence to run any later than the date when Interface's services are substantially completed.
23. LEED: If the project pursues LEED certification or other similar guidelines, the following applies: The LEED Green Building Rating System and other similar environmental guidelines (collectively "LEED") utilizes certain design and usability recommendations on a project in order to promote an environmentally friendly and energy efficient facility. In addressing these guidelines, Interface shall perform its services in accordance with that degree of skill and care ordinarily exercised by similarly situated members of the same profession involved in the design of similar projects in the same locale as the Project. Client acknowledges and understands, however, that LEED is subject to various and possibly contradictory interpretations. Furthermore, compliance may involve factors beyond the control of Interface including, but not limited to, Client's use and operation of the completed project. Interface does not warrant or represent that the Project will actually achieve LEED certification. Interface shall use reasonable care consistent with the foregoing standard in interpreting and designing in accordance with LEED. Interface shall not be responsible for Contractor's failure to adhere to the Contract Documents and any applicable laws, codes and regulations incorporated therein, nor for any changes to the design made by Client without the direct participation and written approval of Interface. Likewise, Interface shall not be responsible for any environmental or energy issue arising out of Client's use and operation of the completed project.

Client Initials



Professional Services for Emergency Backup Generators

VILLAGE OF HOMEWOOD

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Attachment: Sample Facility Assessment

MARK BLAZIS PE, LEED AP

Principal
MarkB@InterfaceEng.com
312.964.4453

100 S Waker Drive, Suite 1140
Chicago, IL 60606

www.interfaceengineering.com



01

Cover Letter

September 23, 2024

Village of Homewood
ATTN: Terence Acquah
2020 Chestnut Road
Homewood, Illinois 60430

Dear Mr. Acquah:

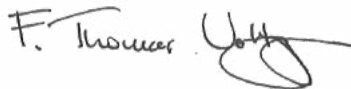
We appreciate the opportunity to present our qualifications for Professional Services to assess power requirements and develop plans, specifications, options and estimates for the phased installation of emergency backup generators for Homewood's village facilities.

Commitment. The proposed project team and Interface Engineering are fully committed to providing the services outlined in the RFP and the timeline identified by The Village of Homewood in the RFP documents.

Firm History and Capacity: Interface Engineering was incorporated in Oregon in 1969, now has ten offices in the U.S., and works both domestically and internationally. The firm is a multidiscipline mechanical, electrical, and energy engineering firm known for innovative resource use, visionary sustainable design and breakthrough engineering solutions for new and existing buildings.

Work performed under this contract will be completed from our Chicago Office which includes a highly experienced team of electrical professionals. The team slated for this project will assure their availability for the work to be performed under the contract and will utilize the capacity of the firm's 200+ employees to ensure that all commitments for current and projected workload are met.

Sincerely,



F. THOMAS VOLTAGGIO, PE

Principal

02 Knowledge & Experience

The Interface Chicago team has extensive experience with power studies and generator installation for Governmental, Commercial and Institutional facilities located across the United States and around the world. The individual team members that we have proposed for this project range from twenty to fifty years of consulting and design work, which typically includes feasibility analysis and budget evaluation, Schematic Design, Design Development, Construction Documents, Bidding and Negotiation, Construction Administration, Project Closeout and Commissioning/Post Construction phase services.

Our projects include small, medium and large scale projects with both 15KV class and 600 Volt generator and electrical distribution system design. Generator designs have included gas turbine, natural gas and diesel engine generator equipment. Some of the electrical projects, including generator, transfer switching and emergency/standby power distribution that we have undertaken include:

- McCormick Place South Hall Expansion - Chicago, Illinois
- McCormick Place West Hall Expansion - Chicago, Illinois
- John F. Kennedy Center for the Performing Arts - Washington, D.C.
- University of Illinois Chemical and Life Sciences Laboratory - Urbana, Illinois
- Wuhan Greenland Center - Wuhan, China
- Chengdu Doncun Center - Chengdu, China
- National Commercial Bank - Jeddah, Saudi Arabia
- Citicorp Center - Los Angeles, California
- San Filipe Plaza - Houston Texas

03

Team Lead

Mark Blazis PE, LEED AP

TEAM LEAD/PROJECT MANAGER | PRINCIPAL | LEAD MECHANICAL ENGINEER

Education

Bachelor of Science
Mechanical Engineering
University of Illinois at
Urbana-Champaign

Master of Business
Administration
DePaul University

Registration

Mechanical PE: Illinois,
Florida, Indiana

LEED Accredited
Professional

Certified Energy Manager
(CEM)

Professional Affiliations

American Society of Heating,
Refrigeration and Air-

Conditioning Engineers
(ASHRAE)

American Society for
Healthcare Engineering
(ASHE)

of the American Hospital
Association



Mark is a competent project manager with nearly 30 years of experience as a mechanical engineer, specializing in district heating and cooling, healthcare, and education. He has expansive knowl-

edge of HVAC and laboratory design and extensive experience in sustainable design strategies. He is a registered LEED AP and Certified Energy Manager.

Mark led a six-phased project at the University of Illinois at Chicago that was awarded "Refrigeration Comfort Cooling Award for Project Excellence" from ASHRAE and "Excellence in Engineering" from ASHRAE Illinois Chapter in 2006 and 2005, respectively.

PROJECT EXPERIENCE

Confidential Tech Client Headquarters Campus / LEED Platinum + Living Building Challenge Goals

NORTH CAROLINA

- » 1,415,000 gross square foot development consisting of workplace buildings, cafeterias and kitchens, conference, wellness and fitness centers, childcare, reception, ground source heat pump, central utility plant, and parking.

Confidential River Front Mixed Use

CHICAGO, ILLINOIS

- » Energy Masterplan for 18 million square feet of mixed use space using river water to facilitate district wide water source heat pump system.

Northern Illinois University East Campus

DEKALB, ILLINOIS

- » 7,200 ton chiller plant.

Northern Illinois University West Campus

DEKALB, ILLINOIS

- » 4,800 ton chiller plant.

University Of Illinois at Chicago West Campus

CHICAGO, ILLINOIS

- » Replacement of the existing 4,000-ton chiller plant with a new 16,000 ton central chilled waterplant with 10,000 tons of initial capacity.

University Of Illinois at Chicago East Campus

CHICAGO, ILLINOIS

- » 6,000 tons electric, 1,000 tons absorption cooling off of CHR

University Of Illinois At Urbana-Champaign

URBANA-CHAMPAIGN, ILLINOIS

- » Chilled Water Production and Distribution Long Range Planning for a 35,000 ton system.

Illinois State University Central Steam Plant Expansion

NORMAL, ILLINOIS

- » 80,000lb/hr steam boiler plant.

Edgerton Hospital

EDGERTON, ILLINOIS

- » Geothermal

Northwestern Medicine Delnor Community Hospital Utility Master Plan

GENEVA, ILLINOIS

- » Central Heating/Cooling Study

Secretary of State, Stratton Building, Chiller Replacement Phase I and II

SPRINGFIELD, ILLINOIS

- » 3,200 ton chiller plant

Akhmat Tower

GROZNY, CHECHEN REPUBLIC, RUSSIA

- » Chiller Plant

Renaissance District Master Plan Engineering Services

SOUTH BEND, INDIANA

Resume includes experience prior to Interface Engineering.

04

Key Personnel

Resumes

Steven Eich PE, LEED AP, CDT

ASSOCIATE PRINCIPAL | TECHNICAL LEAD, ELECTRICAL ENGINEERING

Education

Bachelor of Science,
Electrical Engineering,
Bradley University

Affiliations

Institute of Electrical and
Electronic Engineers

International Association
of Lighting Designers

Illuminating Engineering
Society of North America

AIA Trade Associate

Registration

Electrical PE: Illinois,
California, Connecticut,
Hawaii, Idaho, Louisiana,
Michigan, Nevada, New York,
Ohio, Texas, Washington

LEED Accredited
Professional



Steven Eich has more than 35 years of global engineering experience with a focus on developing safe, reliable, sustainable electrical systems for immediate and long

term improvements to the environment. His expertise encompasses quality assurance and quality control of engineering document preparation; industrial power system design and analysis, industrial instrumentation and control system design and analysis; specification writing; project management; and engineer supervision, training, and mentoring.

PROJECT EXPERIENCE

Loyola University Chicago Historic Cuneo Mansion and Garden Estate Masterplan
VERNON HILLS, ILLINOIS

Department of Human Services Historic Fox Development Center
DWIGHT, ILLINOIS

Forest Preserve of DuPage County Willowbrook Wildlife Clinic and Visitor Center Commissioning / Zero Energy Goal
GLEN ELLYN, ILLINOIS

Forest Preserves of Cook County Headquarters High Efficiency HVAC System
RIVER FOREST, ILLINOIS

Abraham Lincoln Presidential Library Outdoor Chiller Replacements
SPRINGFIELD, ILLINOIS

US Government Electric Vehicle Charging Feasibility Study
LANGLEY, VIRGINIA

Keshet Renovation Project
HIGHLAND PARK, ILLINOIS

Woodfield Corporate Center Chiller Plant Study
SCHAUMBERG, ILLINOIS

Michigan Central Station Renovation
DETROIT, MICHIGAN

Illinois EPA Office Renovation
SPRINGFIELD, ILLINOIS

Book Tower
DETROIT, MICHIGAN

Akhmat Tower
GROZNY, CHECHEN REPUBLIC, RUSSIA

Dubai Multi Commodities Center Tower 2
DUBAI, UNITED ARAB EMIRATES

Emirate Palace GCC Summit Forum
ABU DHABI, UNITED ARAB EMIRATES

King Abdullah Medical City
SAUDI ARABIA

Dubai Towers
ISTANBUL, TURKEY

National Tax Center
NEW DELHI, INDIA

Sigma Tower
CLUJ NAPOCA, ROMANIA

Big Ten Conference Headquarters
ROSEMONT, ILLINOIS

330 North Wabash (IBM Building)
CHICAGO, ILLINOIS

333 North Michigan
CHICAGO, ILLINOIS

Aon Insurance, Chicago
CHICAGO, ILLINOIS

F. Thomas Voltaggio PE

SENIOR ELECTRICAL ENGINEER | PRINCIPAL-IN-CHARGE

Education

Bachelor of Science
Electrical Engineering
University of Illinois

Registration

Electrical PE: Florida, Illinois,
Indiana

Professional Affiliations

NCEES (National Council
of Examiners for Engineering
and Surveying)

Attorney at Law Illinois

Council on Tall Buildings and
Urban Habitat (CTBUH)

Society for College and
University Planning (SCUP)

University of Illinois
Electrical and Computer
Engineering Alumni Board of
Directors, 1996-2002

Board of Education,
Glenbard Township High
School

District 87, 1991-2013,
President, Head of Finance
and Facilities Committee



Tom has over 40 years of global, multidisciplinary engineering design and management experience in new construction and renovation for a wide variety of

projects. An experienced problem-solver for immediate and long-term energy consumption reduction, he works effectively with teams to design and implement systems that are the most economically and functionally suited to each project. Tom has a reputation as an effective communicator, which has enhanced his success in leading project teams and maintaining strong client relationships.

PROJECT EXPERIENCE

University Of Illinois Chicago

CHICAGO, ILLINOIS

- » Fire Alarm System Replacements (14 buildings)
- » Lecture Center C Remodel
- » East Science and Engineering Lab Complex Commissioning
- » Commissioning Retainer Lecture Center C Infrastructure Upgrades
- » Lecture Center E - 40 Stall Toilet Renovation project

Montgomery County Justice Center / LEED Gold Goal

NORRISTOWN PENNSYLVANIA

Leesburg Municipal Government Center

LEESBURG, VIRGINIA

Cook County

CHICAGO, ILLINOIS

- » Rockwell Warehouse Fire Alarm System Replacement
- » Department of Corrections Cable TV Upgrade
- » Forest Preserves Caldwell Woods Wellness Studio
- » John H. Stroger, Jr. Hospital AE Lighting Replacement

Cook County Park District Facilities, Various Renovations and Lighting Installations (6 Park Districts)

COOK COUNTY, ILLINOIS

McCormick Place West Hall Expansion

CHICAGO, ILLINOIS

Navy Pier Renovation

CHICAGO, ILLINOIS

State of Illinois Department of Human Service Madden Mental Health New Air Cooled Chiller

HINES, ILLINOIS

US Coast Guard Headquarters St. Elizabeth's Campus

WASHINGTON, DC

Renaissance District Master Plan Engineering Services

SOUTH BEND, ILLINOIS

100 and 150 South Wacker Drive Building System Upgrades

CHICAGO, ILLINOIS

1101 Skokie Blvd Transformer Study

NORTHBROOK, ILLINOIS

Resume includes experience prior to Interface Engineering

Martin Lunkes

ASSOCIATE PRINCIPAL | SENIOR CONTROLS AND MECHANICAL DESIGNER

Education

Bachelor of Science
General Engineering
University of Illinois

Professional Affiliations

American Society of Heating,
Refrigeration and
Air Conditioning Engineers
(ASHRAE)

Illinois Chapter, ASHRAE,
Past President, 1994

University of Illinois, Urbana,
IL, Department of

Industrial and Enterprise
Systems Engineering

Alumni Board Member

Tridium Certified



Marty Lunkes is a control systems engineer with more than 35 years of experience in the field of controls engineering and mechanical systems operation. He is a

specialist in the design and construction of building control systems, using vendor proprietary and open protocol control system technologies, and has designed building automation and control systems for over 200 new and existing buildings. His experience focuses on the design of high performance, energy efficient sustainable buildings.

PROJECT EXPERIENCE

Aon Center LEED Engineering Services

CHICAGO, ILLINOIS

- » 83-stories, 3,600,000 sf, office space

Marquette Building (140 S. Dearborn)

CHICAGO, ILLINOIS

100 and 150 South Wacker Drive

CHICAGO, ILLINOIS

- » Variable Speed Drives for Building Fan Systems
- » Renovation of the chiller plant control systems and Replacement of the Building Automation System
- » Variable Air Volume conversion of the interior spaces
- » Variable Flow conversion of the perimeter fan systems (100 only)
- » Electrical Distribution Panel installation
- » Digital control system for Tenant Improvements

University Of Illinois at Chicago

CHICAGO, ILLINOIS

- » Outpatient Care Center (OCC) BAS Replacement
- » Clinical Sciences Building, BAS Replacement
- » Engineering and Science Campus, BAS Commissioning
- » Campus-Wide COVID Assessment
- » Microbiology and Research Building
- » Campus-Wide Controls
- » Student Center East AHU Replacement

Scotiabank Headquarters

KINGSTON, JAMAICA

- » 11-story, 100,000sf

Wrigley Global Innovation Center

CHICAGO, ILLINOIS

10 and 120 S. Riverside

CHICAGO, ILLINOIS

Tribune Masterplan Energy Services Consulting

CHICAGO, ILLINOIS

Renaissance District Master Engineering Services

SOUTH BEND, ILLINOIS

Uptown 500

WHEELING, ILLINOIS

Marriott Residence Inn Hotel and Residential Apartments / LEED Silver Goal

VAIL, COLORADO

Park Tower Hyatt and Condominiums

CHICAGO, ILLINOIS

71 South Wacker Drive, Hyatt Center / LEED Platinum

CHICAGO, ILLINOIS

Madison Hedlund

ELECTRICAL DESIGNER

Education

Bachelor of Science,
Electrical Engineering,
University of Illinois
Urbana-Champaign

Affiliations

Institute of Electrical and
Electronics Engineers



Madison joined Interface in 2023 as an Electrical Designer. Her attention to detail and commitment to her work has established her among her peers as skilled

and trustworthy. Madison has placed a particular focus on designing reliable electrical systems that ensure high quality of life for the end user. Her experience includes renovations, new hotel developments, apartments, offices, and school buildings.

PROJECT EXPERIENCE

Cook County Health AE Lighting Replacement, John H. Stroger, Jr. Hospital

CHICAGO, ILLINOIS

University of Illinois at Chicago Taft Hall Renovation

CHICAGO, ILLINOIS

Illinois State University Bone Student Center Parking Lot

NORMAL, ILLINOIS

Tinley Creek Resource Management Headquarters and Garage

OAK FOREST, ILLINOIS

Tinley Maintenance Headquarters

ORLAND PARK, ILLINOIS

McGinnis Field Station

ORLAND PARK, ILLINOIS

Franciscan Health Dyer Emergency Department Reconfiguration

DYER, INDIANA

Goldblatt's Clinic Tenant Improvements

CHICAGO, ILLINOIS

Woodner Apartments Electric Services Replacement

WASHINGTON, DC

1723 South Michigan MixedUse Residential / Green Globes Goal

CHICAGO, ILLINOIS

Laurelwood Elementary School / Zero Net Energy + CA CHPS Verified

SUNNYVALE, CALIFORNIA

SS&C Technologies 20th Floor Data Center Deactivation

CHICAGO, ILLINOIS

1624-1704 South Wabash Mixed-Use Residential / Green Globes Goal

CHICAGO, ILLINOIS

739 South Clark Residential Conversion

CHICAGO, ILLINOIS

1010 South Wells Apartments

CHICAGO, ILLINOIS

1723 S. Michigan Ave

CHICAGO, ILLINOIS

739 S. Clark

CHICAGO, ILLINOIS

Confidential New Hotel

FRISCO, TEXAS

Confidential New Hotel

HOLLYWOOD, CALIFORNIA

Confidential New Hotel

ORLANDO, FLORIDA

Alex Roesch PE, LEED GA

ASSOCIATE | SENIOR MECHANICAL ENGINEER

Education

Bachelor of Science
Mechanical Engineering
Washington University of St. Louis

Master of Science
Mechanical Engineering
Washington University of St. Louis

Registration

Mechanical PE: Illinois

LEED Green Associate

Professional Affiliations

American Society of
Heating, Refrigerating and
Air-Conditioning Engineers
(ASHRAE)

US Green Building Council



Alex is a Mechanical Engineer who focuses on design and documentation of building HVAC and plant utility mechanical systems. He has a particular

focus on the use of analytical tools in the calculation of utility loads analysis and selection of plant equipment, and as such as has focused a large part of his time with Interface Engineering on central plant loads and equipment selection. Alex is proficient in digital design and the use of data driven analysis tools including Revit, MATLAB and Energy Plus.

PROJECT EXPERIENCE

16241704 South Wabash MixedUse Residential / Green Globes Goal

CHICAGO, ILLINOIS

Woodner Apartments Renovation Energy Performance Enhancements

WASHINGTON, DC

Uptown 500

WHEELING, ILLINOIS

Illinois Governor's Mansion Historic Renovation

SPRINGFIELD, ILLINOIS

Universal Studios Hotel Hollywood

HOLLYWOOD, CALIFORNIA

Confidential Resort Hotel

ORLANDO, FLORIDA

W Hotel Public Space Renovation / LEED Certified, ID+C: Commercial Interiors

WASHINGTON, DC

Forest Preserves of Cook County Headquarters High Efficiency HVAC System

RIVER FOREST, ILLINOIS

Navy Pier East End Ballroom Kitchen Renovation

CHICAGO, ILLINOIS

Illinois State University

NORMAL ILLINOIS

- » Bone Student Center Concourse Improvements
- » E-Sports Arena
- » Center for Visual Arts Rotunda Classroom Renovation

Australian Embassy / LEED Platinum Goal

WASHINGTON, DC

Scotia Bank Headquarters Energy Retrofit

KINGSTON, JAMAICA

New Kingston Complex Energy Masterplan

KINGSTON, JAMAICA

Windy City Curling Club

VILLA PARK, ILLINOIS

Wrigley Field Sportsbook

CHICAGO, ILLINOIS

Tribune Masterplan Energy Systems Consulting

CHICAGO, ILLINOIS

Humanscale Showroom Merchandise Mart

CHICAGO, ILLINOIS

Aon Center LEED Engineering Services

CHICAGO, ILLINOIS

Martha's Table at 14 St / LEED Certified Goal

WASHINGTON, WASHINGTON, DC

05

Subcontractors

ALTUSWORKS, INC. (WBE)

CONTACT / ELLEN STONER, AIA, CXA+BE, LEED® AP

**ADDRESS / 211 N. CLINTON ST, SUITE 3S
CHICAGO IL 60661**

PHONE / 773-545-1870 X222

EMAIL / ESTONER@ALTUSWORKS.COM

NATURE OF WORK / ALTUSWORKS HAS PROVIDED ARCHITECTURAL AND BUILDING ENVELOPE COMMISSIONING SERVICES ON A VARIETY OF PROJECTS FOR MUNICIPAL, HISTORICAL PRESERVATION, AND HIGHER EDUCATION CLIENTS.

CCS INTERNATIONAL, INC. (MBE)

CONTACT / CLIVE BRANSBY, CEO/ DIRECTOR OF BUSINESS DEVELOPMENT

**ADDRESS / 1815 S. MEYERS ROAD, STE. 1070
OAKBROOK TERRACE, IL 60181**

PHONE / 551-242-7231

EMAIL / CBRANSBY@CCSDIFFERENCE.COM

NATURE OF WORK / CCS IS OUR PRIMARY COST CONSULTANT/ESTIMATOR

RUBINOS & MESIA ENGINEERS, INC. (MBE)

CONTACT / NIHAR SHAH, PE, SE

**ADDRESS / 200 S. MICHIGAN AVE.
SUITE 1500
CHICAGO, IL 60604**

PHONE / 312-870-6636

EMAIL / NSHAH@RME-I.COM

NATURE OF WORK / RME HAS PROVIDED STRUCTURAL AND CIVIL ENGINEERING FOR MUNICIPAL AND HIGHER EDUCATION PROJECTS.

06

Projects - Facility Assessments

Bevier Hall Infrastructure Renovation Phase II

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN | URBANA, ILLINOIS

Services

MEP Engineering
Energy Modeling
Fire/Life Safety

Client

University of Illinois at
Urbana-Champaign

Building Size

125,000 sf

Cost

\$2.95 million

Contact

Mike Stilger
Project Manager
217.300.3961

Bevier Hall is a 125,000sf multipurpose academic building housing classrooms, laboratories, offices, conference rooms, restaurant kitchen and dining, auditorium, and support spaces. The building was constructed in 1956, and continues to operate with building infrastructure largely unchanged from inception. The major building mechanical systems had deteriorated and were experiencing higher failure rates and maintenance costs. As the prime consultant for this infrastructure replacement project, Interface Engineering designed the mechanical and electrical infrastructure upgrades to the building, and managed and coordinated a full design team consisting of architecture, structural engineering, cost estimating, and hazardous materials consultants.

This project was the second installment of a multi-phase, multi-year infrastructure renovation designed to renovate and replace a significant portion of this aging infrastructure. The project work

under Phase II included the replacement of the building's main electrical service and addition of a new outdoor 250KW/312.5KVA diesel generator to back up life safety systems and critical laboratory loads in the building. The backup generator was carefully integrated into the exterior facade of the building with a custom designed masonry enclosure.

All the work performed in this phase was performed with the building remaining fully occupied. Phased construction documents were created to ensure minimal disruption to the building during renovations. This project was completed one year ahead of its original schedule and 10% under budget.



University of Illinois at Chicago

Student Center East Life Safety System

UNIVERSITY OF ILLINOIS AT CHICAGO | CHICAGO, ILLINOIS

Services

Electrical Engineering
Fire/Life Safety

Client

University of Illinois at
Chicago

Building Size

360,000 sf

Cost

\$2.7 million

Contact

Branko Bogicevic
(217) 300-3997

The Student Center East complex on the University of Illinois at Chicago campus is a major hub of activity. This 360,000 sf multi-function facility houses offices, meeting rooms, computer labs, the campus bookstore, two food courts/dining facilities, pre-function and ballroom spaces, student lounges, a bowling alley, and a large quantity of circulation space.

This project was created to address the functional and operational deficiencies present with the original installation. The work included complete replacement of the fire alarm system in Buildings 605 and 606 (Student Center East and Tower). The work included installation of a new emergency systems backup generator.

The emergency power work included the installation of a 600 KW diesel engine generator housed in an outdoor weatherproof enclosure, automatic transfer switches, and distribution connecting key life safety and standby power loads in both buildings. Careful consideration was given to the design of a custom masonry enclosure for the generator set.

Loads powered from the emergency power installation include the fire pump, elevators, emergency lighting and exit signs, the fire alarm system, and food service refrigerators and freezers. Construction work occurred with the building in full operation, mandating careful consideration of operational requirements and occupant safety throughout the process. The project was completed in 2021, on time and under the \$2.7 million project budget.

Building 936 College of Nursing Emergency Power

CHICAGO, ILLINOIS | UNIVERSITY OF ILLINOIS AT CHICAGO

Services
MEP Engineering

Completion

2024

Project Cost
525,000

Building 936, the College of Nursing Building at the University of Illinois at Chicago is a 12-story, classroom, simulation and research laboratory, lecture hall, office facility which houses the nursing program for the University. The project was undertaken to address and remediate backup power deficiencies in the facility. The initial phase of this project included a comprehensive feasibility study, including the development of a project budget cost for the upgrade of emergency power in Building 936, College of Nursing at the University of Illinois at Chicago. This initial study generated three replacement scenarios ranging from the installation of a simple standby generator to a full upgrade, including all required "high rise" life safety loads and building research related standby power loads. The University elected to proceed with the most comprehensive option, and the project moved forward to the design and construction phases of the work.

The design phase work included Schematic Design, Design Development, Construction Documents and Construction Administration. The final design included the installation of a 300 KW diesel engine generator set that provides backup power to the building elevators, fire pump, emergency lighting, fire alarm, security, telecommunications, BAS and a full complement of research freezers and related equipment. The work included automatic transfer switches and all related electrical distribution equipment. The generator installation includes an exterior concrete slab and architectural fencing to properly enclose the exterior equipment. The project was bid, awarded and constructed on time and within the project budget. The final project cost was \$525,000.

University of Illinois at Chicago

Student Center East Life Safety System

UNIVERSITY OF ILLINOIS AT CHICAGO | CHICAGO, ILLINOIS

Services

Electrical Engineering
Fire/Life Safety

Client

University of Illinois at
Chicago

Building Size

360,000 sf

Cost

\$2.7 million

Contact

Branko Bogicevic
(217) 300-3997

The Student Center East complex on the University of Illinois at Chicago campus is a major hub of activity. This 360,000 sf multi-function facility houses offices, meeting rooms, computer labs, the campus bookstore, two food courts/dining facilities, pre-function and ballroom spaces, student lounges, a bowling alley, and a large quantity of circulation space.

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Loads powered from the emergency power installation include the fire pump, elevators, emergency lighting and exit signs, the fire alarm system, and food service refrigerators and freezers. Construction work occurred with the building in full operation, mandating careful consideration of operational requirements and occupant safety throughout the process. The project was completed in 2021, on time and under the \$2.7 million project budget.

Building 933 DPS Installation

CHICAGO, ILLINOIS | UNIVERSITY OF ILLINOIS AT CHICAGO

Services
Electrical Engineering

Completion
2024

Project Cost
600,000

Building 933, the Bertram Goldberg Research Center is a major technology center that houses instructional and administrative computer facilities that serve the UIC campus. There is a major data center located on the lower level of the building which had become dated. The project included an evaluation of the backup power and UPS equipment as a prelude to development of a final work scope to upgrade the installation.

The work of this project included the installation of a 400KW diesel engine generator and UPS module to replace the existing. The UPS module is rated at 160KVA and was selected to match an existing unit, providing full redundancy. The power distribution feeders and equipment were reconfigured to streamline the backup power and dramatically improve redundancy. The project was undertaken in a fully active data center without shutdown or interruption to ongoing operations. The project work was completed in the Summer of 2024, on time and under the project budget of \$600,000.

Projects - Facility Assessments

Project and Services

City of Geneva Solar and Battery Storage Feasibility Analysis

GENEVA, ILLINOIS

Completed July 2024

Services: Interface was hired by the City of Geneva's Electric Division to assist in resource planning for alternative sources of renewable and battery energy storage power to serve municipal utility demands. Our team worked closely with the City to evaluate both utility scale (in front of the meter) and building scale (behind the meter). The evaluation revealed opportunities to deploy solar power resources into the Geneva system which could contribute to current and future electrical demands while reducing Scope 1 and Scope 2 greenhouse gas emissions associated with the procurement, generation, and distribution of electricity within the system.

Our team also analyzed the effectiveness and potential deployment of battery energy storage systems at a utility scale to reduce peak demand charges off of the ComEd system while also improving the potential economics of utility scale solar power.

Our analysis included year-on-year projections of future demand as well as sources of energy fed into the Geneva System. We successfully provided guidance to the City for their long term resource planning, along with budgetary pricing to understand cost impacts of the various solutions identified.

60th Place Resilient Community Direct Current Microgrid

FAIRMOUNT HEIGHTS, MARYLAND

Status: In Construction

Services: After successfully being awarded a grant from the Maryland Energy Administration, Interface joined a comprehensive team to perform a feasibility study, required planning, design, and engineering for a first of its kind resilient community. Located in Maryland, the community consists of six residential homes which share their locally generated and stored solar energy with each other via a Direct Current (DC) power distribution infrastructure. Each home is equipped with high-efficiency DC lighting and appliances that operate alongside legacy Alternate Current (AC) appliances, even during extended power outages.

Furthermore, the study facilitated the planning required to combine these six isolated zero energy ready homes into a single zero energy microgrid that offers resilience to both the homeowners and the utility. This configuration maximizes the utilization of on-site renewable energy resources by providing a direct path from DC solar, DC batteries to DC appliances and increases the overall resiliency of the microgrid community against utility outages.

The homes have been designed using energy efficient electric and heat pump compressor driven technologies for heating, cooling and domestic hot water production. Each home will be sold to first time home buyers with incomes under 80% of the median area income.

Westin Generator Study

NAPA, CALIFORNIA

Completed October 2019

Services: Interface provided an electrical and mechanical study to connect new equipment to an existing generator due to increased Public Safety Power Shutoffs (PSPS) events affecting the property.

In particular, Interface studied connecting systems related the commercial kitchen, including the existing kitchen exhaust hoods and refrigeration system. Interface also studied connecting additional mechanical and electrical systems supporting telecom rooms, AV rooms, elevators, fire pumps, cooling tower, hot water heaters, and booster pumps.

The facility is served by multiple large PG&E services and an existing 300 kW diesel generator with multiple automatic transfer switches. Interface conducted a detailed analysis on the existing load readings of the generator and proposed loads and provided options for connecting equipment to the existing generator and for providing additional generators to support equipment beyond the existing generator's capacity.

Interface also reviewed and considered the existing generator and ATS age and condition, available physical space for new generators and ATS, and distribution system.

Project and Services

Sandia Critical Load Microgrid Conceptual Study

LIVERMORE, CALIFORNIA

Status: Design completed 2022

Services: Interface provided a conceptual study for Sandia National Laboratories to develop a microgrid with the primary goal of resiliency. As a campus that conducts sensitive national research, Sandia wanted to extend the backup power to their existing critical loads to have 720 hours of backup power. The existing critical loads were served by standby diesel generators with a fraction of the fuel storage required. Additional fuel storage was expensive, served no additional economic benefit, and was against the campus's long terms goals of carbon reduction. Interface designed a renewable energy microgrid composed of 11 MW of PV, 30 MWH of batteries, and 2 MW of existing diesel generators that provided renewable and sustainable backup power to the campus's critical loads.

The project required modeling expected load profiles for the critical loads based on limited available historical meter data. In addition to modeling the loads, Interface used HOMER to model thousands of combinations of PV, battery, and generator capacities to arrive at options that optimized for various metrics, including lowest first cost, highest renewable fraction, highest long term payback, etc.

The project also required analysis and development of multiple options to tie in the renewable assets into the existing electrical infrastructure. These options included local building microgrids that tied into each individual building downstream of the building's electrical service, parallel distribution microgrids that tied into multiple buildings downstream of the building's electrical service, and fully interconnected microgrids that tied into the campus's medium voltage system directly to serve the entire campus.

Woodfield Chiller Replacement Study

SCHAUMBURG, ILLINOIS

Completed 2021

Services: Interface Engineering was retained to evaluate alternatives to replace the chillers for these two office towers. Existing 1000-ton chiller serving the north tower and 720-ton chiller were located in the penthouses of each tower. Six different alternatives for chiller replacements were evaluated and priced. For each option, Interface Engineering provided a Life Cycle Cost Analysis to as part of the evaluation to determine which type of water-cooled chiller was the best replacement solution. Also factored into the evaluation was the anticipated utility rebate calculated for each alternative.

As a result of our analysis, the recommendation was to install two chillers in each tower, and size each chiller for 60% of its respective tower load. This option provided the facility more redundancy than the single chiller options and was more cost effective than the modular options evaluated. It will require a supplemental penthouse be installed on the roof. This option is far less space constrained than many of the other options giving us the option to competitively bid the chillers or pre-purchase the chillers based on a life cycle cost. The final installation will provide excellent energy performance, redundancy, and reliability of new modern equipment.

07

References

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THE CITY OF GENEVA, ILLINOIS

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GENEVA, IL 60134

PHONE / (630) 232-1503

EMAIL / AHOLTON@GENEVA.IL.US

FRANCISCAN HEALTH ALLIANCE

CONTACT / TIM SISCO, CONSTRUCTION PROJECT MANAGER

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Creating optimal environments for life.

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San Francisco, CA 94105

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1003 Bishop Street
Suite 750
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Suite 1140
Chicago, IL 60606

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Interface Engineering
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Chicago, IL 60606

covers

Lake Oswego City Hall and Police Department
© Christian Columbres

City of Portland Emergency
Coordination Center / LEED Gold
© Thomas Harris



October 29, 2021

Terence Acquah
Assistant Village Manager
Village of Homewood
2020 Chestnut Road
Homewood, IL 60430
(708) 206-3378 direct | (708) 539-3893 mobile
tacquah@homewoodil.gov

**Subject: Proposal for Structural, Civil, MEPFP Engineering Design Services
Village of Homewood Phased Installation Emergency Backup Generators -
Milhouse
Chicago, IL
Proposal # MEI-24-302**

Dear Terence:

In response to your request, Milhouse Engineering and Construction, Inc. (MEC) is pleased to submit this proposal to provide Structural and MEP/FP Engineering services for the referenced project. Proposal is based on the documents received and our walk through on 10-29-24.

I. DESCRIPTION OF THE PROJECT

The Village of Homewood desires to assess various critical facilities and provide phased and cost recommendations to develop system redundancies and resiliency in those facilities. Critical facilities are defined by FEMA as buildings that are essential for the delivery of vital services or protection of a community. Critical facilities include emergency operation centers, healthcare facilities, police and fire stations, schools, and power stations. These facilities support critical community lifelines that enable the continuous operation of critical business and government functions and are essential to human health and safety or economic security.

The Village has five critical facilities that should be assessed:

1. Village Hall,
2. Police Station,
3. Fire Station,
4. Municipal Service Center (Public Works Facility)
5. Brian Carey Training Center (Emergency Operations Center–EOC).

The objective of this project is to assess the facilities, then provide recommendations for cost effective and phased solutions that will upgrade the electrical backup power systems both internally (i.e. outlets and internal circuitry, emergency lighting, etc.) and externally (generator connectivity) so that each of the five essential Village facilities will remain fully operational during power blackouts and other events which could result in long term power outage.

II. PROJECT DELIVERABLE AND SCOPE

- A. Assessment Report that will include the following:
1. Field investigation of existing conditions.
 2. Open existing panels with a field electrician.
 3. Propose locations of generators.
 4. Various sizing options of genset (approximately 2 to 3 per site).
 5. Evaluate Fuel options.
 6. Review existing utility bills.
 7. Analysis matrix of major considerations.
 8. In house Rough Order of Magnitude Estimates (ROMs).
 9. Concept Sketches and Pictures.
 10. Compile Report with recommendations.
 11. Meet with Stakeholders to review findings-one meeting.

III. DURATION

- A. Upon receipt of all information we estimate the report can be completed in 6 to 8 weeks.

IV. CLIENT REQUIREMENTS

- A. Provide utility bills for each site.
B. If available, provide existing as built or existing design drawings for each site.

V. FEES

- A. The lump sum fee of \$60,000.
B. Field electrician allowance: \$1,500.

VI. Expenses

- A. The following expenses are in addition to the basic fee plus 10%:
1. Any Reproductions, courier service, express mail, messenger, CAD/Revit disks and preparation.
 2. Travel outside the Chicagoland area.

VII. PAYMENT TERMS

- A. MEC will issue monthly invoices to client. Payments will be due from client to MEC within 30 days of the invoice date.
B. Prior to proceeding to next deliverable phase noted under the fee structure above the invoice to date shall be paid in full to MEC.

VIII. ADDITIONAL SERVICES

The following services are not included in the proposed services and are not

included in the basic fee. If authorized by Client, MEC will perform the following additional services for an agreed upon fee. At times, it may be necessary to proceed with design effort outside of the scope to avoid deliverable delays. Should this occur MEC reserves the right to submit a request for additional service at any time. A notice to proceed by anyone at the firm listed above via email shall be considered binding.

- A. A/E services of any kind.
- B. Acoustic evaluation is not included.

IX. TERMS AND CONDITIONS

- A. MEC Standard Terms and Conditions are attached and are hereto made a part of this proposal.
- B. This proposal is contingent upon execution and agreement of both parties and valid for 21 days.

We look forward to your favorable response and an opportunity to serve you. Please call if you have questions.

Sincerely,

George Bouris, P.E., CxA
Vice President, MEP Engineering
Milhouse Engineering & Construction, Inc.
333 South Wabash Avenue, STE 2901 | Chicago, IL 60604
C: 312.618.7185 | F: 312.987.0071
Email: gbouris@milhouseinc.com

TO ACCEPT, PLEASE SIGN, DATE AND RETURN. THE ABOVE MENTIONED PRICING IS VALID FOR 30DAYS FROM DATE OF THIS LETTER. THE UNDERSIZED IS AUTHORIZED TO ACCEPT THE TERMS OF THE PROPOSAL.

Signature: _____

Print Name: _____

Company Name: _____

Title: _____

Date: _____



MILHOUSE

September 23, 2024

REQUEST FOR **QUALIFICATIONS**



For Professional Services to Assess Power Requirements and Develop Plans, Specifications, Options and Estimates for the Phased Installation of Emergency Backup Generators for Village Facilities



A full-service engineering design firm driven by diverse perspectives to deliver engineering excellence that improves the communities we serve.

September 23, 2024

Village of Homewood
ATTN: Terence Acquah
2020 Chestnut Road
Homewood, Illinois 60430

RE: REQUEST FOR QUALIFICATIONS FOR PROFESSIONAL SERVICES TO ASSESS POWER REQUIREMENTS AND DEVELOP PLANS, SPECIFICATIONS, OPTIONS AND ESTIMATES FOR THE PHASED INSTALLATION OF EMERGENCY BACKUP GENERATORS FOR VILLAGE FACILITIES

Dear Mr. Terence Acquah,

We are pleased to submit our qualifications to provide professional services to assess power requirements and develop plans, specifications, options, and estimates for the phased installation of emergency backup generators for facilities in the Village of Homewood.

Milhouse Engineering and Construction, Inc. was founded in 2001 with the goal of becoming one of the leading engineering companies in the country based on the belief that if we employed great people, challenged them to excel, and maintained a laser focus on the needs of our clients, we would deliver innovative solutions and successful projects. Driven by our diverse perspectives, we challenge the status quo to pursue a brighter future for the communities we serve.

We have tailored a diverse, multidisciplinary team of engineers with experience performing facility assessments and evaluations to exceed the scope of work detailed in this RFQ. The Milhouse Team is confident in our ability to undertake this project, and we are committed to delivering technical excellence, innovative solutions, and timely results to meet the Village of Homewood's project requirements. Our approach to this endeavor is rooted in state-of-the-art technical competence, unwavering responsiveness, resourcefulness, and a strategic vision that takes into account not only immediate project needs but also long-term sustainability and cost-effectiveness.

At Milhouse, we listen carefully to your needs while holding ourselves to the highest standards of integrity and professionalism. We have read the RFQ thoroughly, understand the goals set forth by the Village, and have the expertise to ensure this project's success. Should you have any questions or need any additional information, please contact George Bouris, the Vice President of MEP, at gbouris@milhouseinc.com or 630-519-3211.

Sincerely,

Wilbur C. Milhouse III

MILHOUSE ENGINEERING AND CONSTRUCTION, INC.



Village of Homewood, Phased Installation of Emergency Backup Generators

Why Milhouse?

Multidisciplinary Firm

Our broad experience as a multidisciplinary firm allows us to tailor solutions for any issues that may arise. We listen carefully to your needs while holding ourselves to the highest standards of integrity and professionalism.

A History of Successfully Completed MEP Projects

Our success in dealing with different regulations and standards across multiple municipalities and agencies within the engineering industry allows Milhouse to provide the Village of Homewood with maximized solutions and creative possibilities to execute the assessments of your critical facilities and provide phased and cost recommendations. We are experienced in completing condition assessments and evaluations of facilities and providing professional engineering services across the country.

Sustainable Solutions

We design with the future in mind, predicting what's needed next, now. We deliver results that both address your current needs while working for your future.

Dedicated to Continual Improvement

This is the heart of our corporate culture—it supports our commitment of delivering the highest quality performance and engineering services to the communities we serve.

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Knowledge and Experience

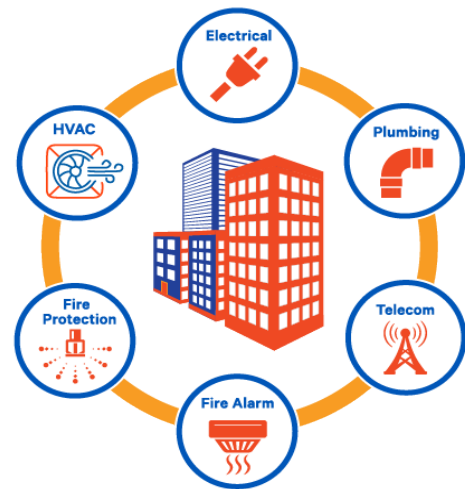
Milhouse is a multi-disciplinary, full-service engineering firm offering expertise in civil, mechanical, electrical, structural, and environmental engineering, as well as construction and program management. We are a dedicated, interdisciplinary team of talented professionals with individuals licensed in multiple states. Driven by our diverse perspectives, we challenge the status quo to pursue a brighter future for the communities we serve. Our goal is simple: to help our clients mitigate risks, reduce costs, and improve operations safely and reliably.

Finding success with any facilities project starts by partnering with an experienced team that can meet your business goals while working within the aesthetics of your space. At Milhouse, we focus on energy and resource efficiency to develop systems that provide end users with what they need most — comfort, reliability, and a simple user interface.

Our **Mechanical team** has the experience and expertise to design everything from administrative spaces to research labs, single rooms to entire buildings, or a campus master plan with utilities distributed throughout the site. We strongly emphasize energy efficiency and sustainability in our analysis and design to deliver an integrated whole-building solution to our clients. Our **Electrical team** focuses their deep industry expertise to help utility providers maintain uninterrupted services to their customers. As electromechanical engineering experts, we provide an integrated approach to innovative electrical systems engineering, oversee electrical engineering projects, electrical installations, energy storage solutions, economic and planning services to electric utilities, rural electric distribution cooperatives, and industrial clients across the US, collaborating with other firms to best serve our clients.

At Milhouse, we don't just deliver practical, effective solutions; we innovate with top-tier personnel and technology. We recognize that it is paramount to understand the user group's program and budget requirements of a company so we can provide programmatic economic solutions and deliver top-level, efficient, maintainable, and 'on budget' business projects. We understand the complex challenges that come with these projects. When your project demands quality and operational excellence, Milhouse delivers.

For a more detailed explanation of our experience and expertise in providing facility evaluations, building assessments, and MEP systems for industrial, institutional, and municipal facilities, please refer to the following project examples.



Recognitions

- » 2024 ENR Top 500 Design Firm
- » 2023 ENR Top 500 Design Firm
- » 2023 CMAP Equity with Impact
- » 2023 ACEC Illinois Large Firm of the Year
- » 2022 Best & Brightest Companies to Work For in the Nation
- » 2022 ENR Top 500 Design Firm
- » 2021 Best & Brightest Companies to Work For in the Nation
- » 2021 ENR Top 500 Design Firm

MILHOUSE



CLIENT
Village of Flossmoor

LOCATION
Flossmoor, IL

PRIME
Milhouse

Genset Project

MEP ENGINEERING DESIGN SERVICES



Challenge: The Public Works Building serves as a crucial vehicle storage and repair center, and it faced challenges during power outages, especially when trying to meet the immediate response demands expected from Public Works.

Solution: A backup 175kW natural gas generator was designed to efficiently service the entire facility.

Result: The design set up an automated system to monitor the primary power source and transfer to the generator if normal power was compromised, allowing for the continuity of operations and rapid response by Village staff in storms or other emergencies.

ADDITIONAL PROJECT INFORMATION

Construction Cost: \$250,000

Timeline: NOV 2021–AUG 2023

The Public Works Department in the Village of Flossmoor is located at the end of the ComEd overhead power line. Due to the numerous power outages that the facility suffered, they planned to add a new generator and upgrade the existing diesel-powered emergency generator that served the building. The design included a natural gas system to power the facility.

Milhouse provided MEP design services, including evaluating the existing HVAC electrical systems to determine the emergency generator's size based on the essential loads required to remain operational in the event of a power outage. Responsibilities also involved providing existing drawings necessary to perform work, coordinating access to the project sites, and electrical/civil documents and as-built documents reflecting its' current conditions.

CLIENT
City of Atlanta

LOCATION
Atlanta, GA

PRIME
F.H. Paschen

Public Safety Annex Generator Upgrades

ELECTRICAL AND ARCHITECTURAL DESIGN ENGINEERING SERVICES



Challenge: The Public Safety Annex has a 125 kW generator that serves emergency loads only. This generator is not adequate for the operational needs of the building.

Solution: The existing 125 kW generator will be replaced with a 500 kW generator that will serve the entire annex building and emergency loads.

Result: The new generator will provide improved reliability to the annex building by providing whole-building backup power.

ADDITIONAL PROJECT INFORMATION

Timeline: MAR 2024–Ongoing

The project includes the demolition of an existing 125 kW diesel generator and associated systems, the installation of a 500 kW diesel generator, a new main fused disconnect switch section with an automatic transfer switch, the connection of generator and utility transformer output to the new switch section, and a new feeder into the existing building distribution.

This project is a design-assist effort to support the general contractor.

CLIENT
Public Building Commission of
Chicago

LOCATION
Chicago, IL

PRIME
Milhouse

Daley Center 27th Floor Generator Load Transfer

ELECTRICAL ENGINEERING SERVICES



Challenge: The existing diesel generator serving the loads on the 27th floor is failing, leaving the loads served by this generator at risk of losing power during emergency operations.

Solution: Transfer the loads from the failing generator to another existing generator that can handle the 27th floor emergency loads.

Result: Improved reliability of emergency power to the 27th floor loads, while keeping construction costs at a minimum by avoiding the need to purchase and install a new generator to replace the failing one.

The project included an assessment of existing generators to verify the feasibility of the design approach, design of proposed emergency power distribution, and preparation of an opinion of probable cost. The design entailed abandoning the in-place failing generator, transferring emergency power of all the 27th floor automatic transfer switches to a new generator distribution panel, and new cable and raceways systems.

The design integrated the salvage and reuse of existing conduit runs to minimize construction costs related to the demolition of existing conduits and installation of new raceways.

ADDITIONAL PROJECT INFORMATION

Timeline: APR 2024–Ongoing

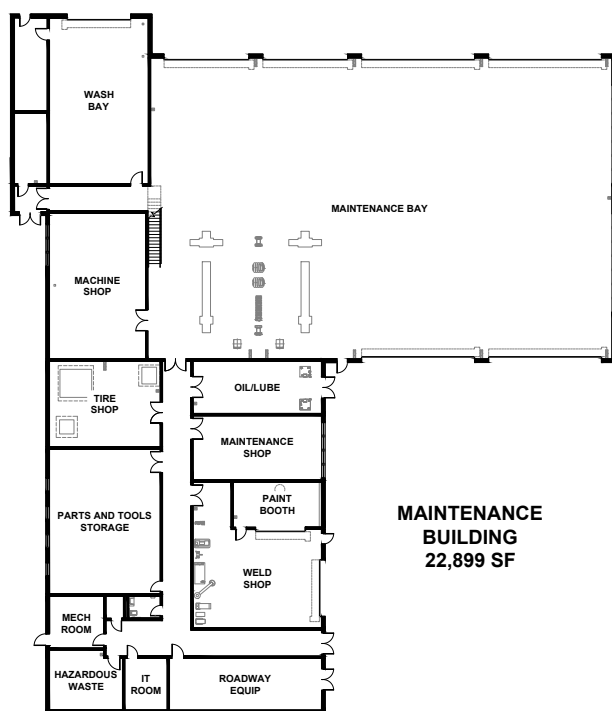
CLIENT
Capital Development Board/IDOT

LOCATION
Morris, IL

PRIME
Milhouse

IDOT Morris Maintenance Storage Facility

ARCHITECTURAL, STRUCTURAL, CIVIL, AND MEP DESIGN SERVICES



ADDITIONAL PROJECT INFORMATION

Construction Cost: \$15.8 million

Size: 36,812 sq. ft., 2.9 acres

Timeline: FEB 2020–AUG 2024

The Illinois Department of Transportation (IDOT) Morris Maintenance and Storage Facility was established in 1955. The facility maintains roads and grounds, and plows Interstate 80 and other Illinois State roads. This project demolishes the existing office building and maintenance building and replaces them with a state-of-the-art facility for vehicle maintenance. Milhouse developed Construction Documents to demolish and replace the Office/Administration Building and five-bay Maintenance Building. The IDOT Morris Maintenance Facility operates year-round and ramps up during the winter snow season. Construction was closely coordinated around the IDOT operations.

- » Office/Administration Building
 - Break room with kitchenette
 - Ready/training room
 - Men's and women's locker room
 - Management offices
- » Salt Brine Mixing and Storage Building
 - Brine mixing room
 - Brine covered storage with six storage tanks
- » Vehicle Maintenance and Storage Building
 - Indoor maintenance and storage for 13 fully loaded salt trucks with plows
 - Two heavy duty vehicle lifts
 - Truck wash
 - Machine shop
 - Tire shop
 - Maintenance shop
 - Weld shop
 - Paint booth
 - Oil and lube pump room
 - Parts and tool storage
 - Roadway equipment storage

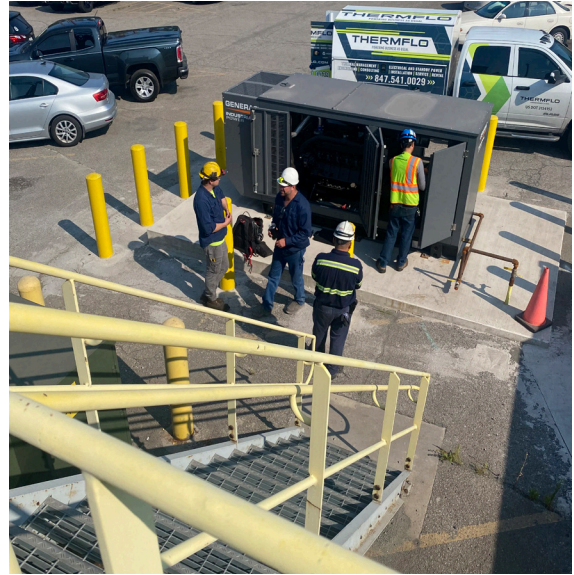
CLIENT
NLMK Indiana

LOCATION
Portage, IN

PRIME
Milhouse

HSM Computer Room Generator

ELECTRICAL ENGINEERING SERVICES



Challenge: The existing Port of Indiana is an industrial area with poor power quality and many power outages; many are not storm related.

Solution: Routing the plant's main computers on a generator allows the production team to monitor and control processes is essential for ensuring smooth operations during the loss of normal power

Result: Backup power kept production running smoothly, ensuring that operation continued uninterrupted during power outages, reducing downtime, avoiding delays in orders, and preventing potential damage to equipment or materials. By maintaining consistent power, NMLK avoided lost revenue and extra costs associated with restarting halted production processes. This highlights the importance of reliable backup power solutions in industrial settings.

NLMK Indiana installed a new backup electrical generator for the Hot Strip Mill Computer Room. The design included a natural gas system to power the facility, a smart choice for minimizing the need for refueling, which saves both time and costs for the village.

Milhouse was tasked with providing base drawings for necessary structural engineering services, coordinating access to the project sites, and electrical/civil documents and as-built documents reflecting its' current conditions.

ADDITIONAL PROJECT INFORMATION

Construction Cost: \$310,000

Timeline: MAY 2021–DEC 2022



CLIENT
Walgreens

LOCATION
Mansfield, MA

PRIME
Milhouse

Nucleus Mansfield Commissioning

COMMISSIONING OF HVAC, PLUMBING, ELECTRICAL, AND CONTROL SYSTEMS



Challenge: The need for a comprehensive commissioning process to ensure system efficiency and regulatory compliance in a new pharmacy production facility.

Solution: Milhouse provided extensive commissioning services, including development of commissioning forms, startup and pre-functional checklists, systems functional performance tests, and training support.

Result: Efficient system operation and regulatory compliance were achieved, ensuring the facility's readiness for operation.

ADDITIONAL PROJECT INFORMATION

Timeline: APR 2022–APR 2024

The Nucleus Mansfield Commissioning project focused on commissioning HVAC, plumbing, and electrical systems in a new pharmacy production facility. This initiative highlighted Milhouse's expertise in navigating the complexities of commissioning to ensure all systems operated efficiently and complied with strict regulatory standards. The primary challenge was integrating these diverse systems within the stringent requirements of a pharmaceutical production environment. Through innovative problem-solving and meticulous planning, Milhouse ensured the facility's systems were not only compliant but also optimized for operational efficiency. The project stands as a testament to the firm's commitment to quality and its ability to meet Walgreens' needs through technical excellence and strategic execution.

CLIENT
Public Building Commission of
Chicago

LOCATION
Chicago, IL

PRIME
AECOM

Joint Public Safety Training Campus Projects – EMS Addition

ELECTRICAL ENGINEERING SERVICES



Milhouse is providing electrical engineering services for the Chicago Joint Public Safety Training Campus to serve the city's continued efforts to provide comprehensive, joint, best-practice training for the Chicago Fire Department (CFD), the Chicago Police Department (CPD), and the Office of Emergency Management and Communications (OEMC).

The Joint Public Safety Training Campus projects include electrical power and lighting control design for free-standing full-size homes configured in neighborhoods to provide a location to prepare emergency first responders for new and emerging threats through joint training exercises. It entails adding a three-story, 53,000 sq. ft., Emergency Medical Services area to the main building, which includes state-of-the-art training classrooms and a simulation lab for indoor scenario training.

The JPSTC EMS addition involves coordination with ComEd (the electric utility provider) to bring electrical service across existing railroad tracks at an abandoned rail yard. Managing this infrastructure challenge, especially when dealing with utility companies and legacy rail systems, involves significant planning to ensure safety and compliance with local regulations. The Chicago Energy Transformation Code emphasizes sustainability and energy savings, so integrating features like energy-efficient lighting controls and alternatives to traditional generators helped align with their goals.



ADDITIONAL PROJECT INFORMATION

Construction Cost: \$30 million

Timeline: August 2023–Ongoing

CLIENT
Public Building Commission of
Chicago

LOCATION
Chicago, IL

PRIME
Milhouse

Engine Company No. 1 Condition Assessment

ARCHITECTURAL AND MEP/FP ENGINEERING SERVICES



ADDITIONAL PROJECT INFORMATION

Construction Cost: \$1 million

Timeline: JUNE 2021–JAN 2022

Milhouse performed a Condition Assessment for Engine Company No. 1. This Assessment was used to define a scope of work with the Public Building Commission of Chicago (PBC), Chicago Assets, Information and Services (AIS), and Milhouse Engineering, and had to be designed and constructed before January 2022.

The assessment found many issues, but using the budget, the users chose to replace the roof, replace roof access, upgrade the building lighting to LED, inspect the boiler system, replace the air conditioning, replace the hot water system, replace all of the electric panels and add additional power from ComEd, rout out and video the drain lines, and develop background AutoCAD drawings.

The Initial Condition Assessment to Substantial Completion (January 2022) was 6 ½ months.

CLIENT
Chicago Public Schools

LOCATION
Chicago, IL

PRIME
Ilekis Associates

CPS Assessments

MEP ENGINEERING SERVICES



Challenge: Some of the schools had minimal documentation/drawings to use for reference.

Solution: Milhouse performed detailed site surveys to obtain all the information required for presenting thorough reports.

Result: Milhouse provided complete reports documenting the existing field conditions and recommendations for improvements.

ADDITIONAL PROJECT INFORMATION

Size: 7 schools

Timeline: JUNE 2024–Ongoing

The project involved performing field visits to seven (7) Chicago Public Schools and documenting their existing conditions for mechanical, electrical, plumbing, and fire protection. Mechanical conditions documented included chillers, boilers, pumps, air handling units, and fans. Electrical conditions documented included electrical panels, emergency service, fire alarm systems, interior and exterior lighting, and security systems. Existing plumbing conditions documented included plumbing fixtures, water heaters, and roof drains. Existing fire protection conditions documented include sprinkler heads, sprinkler mains, and fire pumps. The schools included the following:

- » Sullivan House High School
- » Progressive Leadership Academy
- » Community Youth Development Institute
- » Catalyst Maria Charter School
- » Olive-Harvey Middle College High School
- » Chatham Academy
- » Perspectives High School of Technology & Leadership Academy

After each field visit, Milhouse prepared a report documenting the existing conditions. The reports included descriptions of major systems and equipment, life safety deficiencies, code compliance deficiencies, ADA/accessibility compliance deficiencies, maintenance recommendations, and site photos.

CLIENT
Port Authority of New York and
New Jersey

LOCATION
LaGuardia Airport

PRIME
Gabel Associates, Inc.

EV Vehicle Charging Infrastructure Program

ELECTRICAL ENGINEERING SERVICES



ADDITIONAL PROJECT INFORMATION

Construction Cost: \$500,000

Timeline: FEB 2023–Ongoing

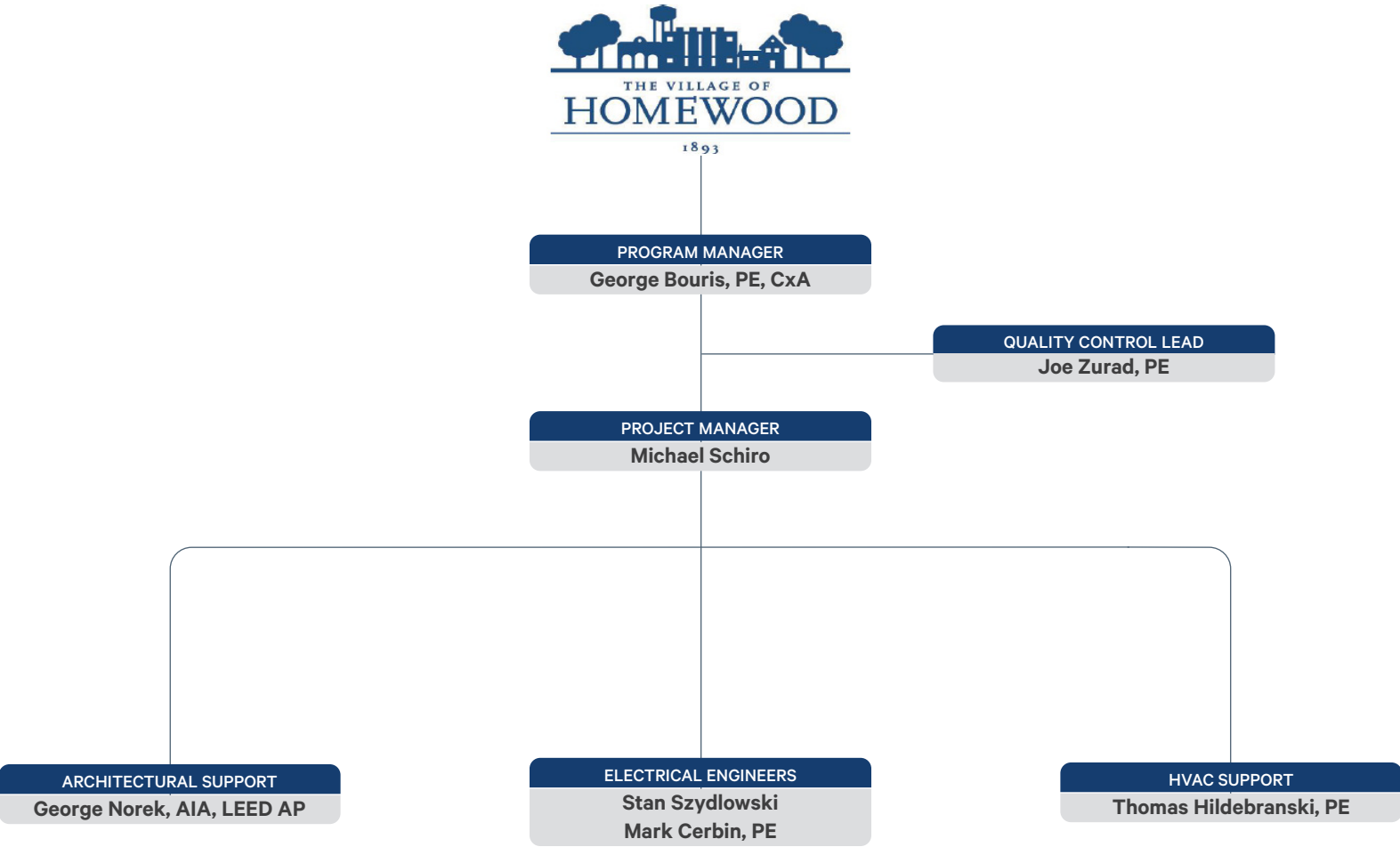
The EV Vehicle Charging Infrastructure Program is a fleet vehicle sustainability endeavor by the Port Authority of New York and New Jersey to convert to a fully electric fleet by 2030. The immediate goal is approximately 25% by 2025. For one location near Building 5 West, plans include 6 locations immediately. Existing infrastructure is being examined for remaining useful capacity, that can be used for EV charging without large capital improvements.

Milhouse is providing electrical engineering services for the Port Authority, assisting with exploring and implementing infrastructure to add Level 2 AC electric charging stations with “plug and play” capability for their non-revenue, not-for-hire vehicle fleet.

The Port Authority of New York and New Jersey plans to deploy 6–12 vehicles with the ability to scale up to 24, with 100+ charging stations expected in the future.



Organization



Team Lead



George Bouris, PE, CxA

VICE PRESIDENT OF MEP

REGISTRATIONS

Licensed Professional Engineer

- » IL #062.055291
- » NY #094389
- » PA #082721
- » NJ #24GE05990500

EDUCATION

BS Mechanical Engineering

- » University of Illinois at Chicago, IL

YEAR JOINED THE FIRM

- » 2020

CERTIFICATIONS

- » ACG Certified
Commissioning Agent

AFFILIATIONS

- » ASHRAE
- » Union League Club

George is a mechanical engineer and construction expert with a 31-year record of achievement in MEP Engineering, construction management, and commissioning for projects throughout the continental US. George brings experience in working with internal and external clients as well as contractors. He is a results-oriented leader with recognized success in problem-solving while remaining pragmatic, hands-on, and focused.

Relevant Project Experience

EV Charging Stations LaGuardia Airport Project Port Authority NYNJ, New York City

DESIGN PHASE COMMISSIONING

The EV Vehicle Charging Infrastructure Program is a fleet vehicle sustainability endeavor by the Port Authority of New York and New Jersey to convert to a fully electric fleet by 2030. The immediate goal is approximately 25% by 2025. For one location near Building 5 West, plans include 6 locations immediately. Existing infrastructure is being examined for remaining useful capacity, that can be used for EV charging without large capital improvements. Millhouse is providing electrical engineering services for the Port Authority, assisting with exploring and implementing infrastructure to add Level 2 AC electric charging stations with “plug and play” capability for their non-revenue, not-for-hire vehicle fleet. The Port Authority of New York and New Jersey plans to deploy 6–12 vehicles with the ability to scale up to 24, with 100+ charging stations expected in the future.

Walgreens Fulfillment Center Commissioning Walgreens, Multi-State: FL, MA, IN, MO, CO

LEAD COMMISSIONING AUTHORITY

Approximately 100,000 sf fulfillment centers with rooftop HVAC systems, refrigeration systems, and state-of-the-art building automation. Challenges included meeting clients’ fast-track schedules by implementing a customized commissioning approach. \$250 million project. (2022–Present)

CPS Assessments Chicago Public Schools, Chicago, IL

QUALITY CONTROL LEAD

The project involved performing field visits to seven (7) Chicago Public Schools and documenting their existing conditions for mechanical, electrical, plumbing, and fire protection. Mechanical conditions documented included chillers, boilers, pumps, air handling units, and fans. Electrical conditions documented included electrical panels, emergency service, fire alarm systems, interior and exterior lighting, and security systems. Existing plumbing conditions documented included plumbing fixtures, water heaters, and roof drains. Existing fire protection conditions documented include sprinkler heads, sprinkler mains, and fire pumps. (2024–Present)

Falconer Middle School Chicago Public Schools, Chicago, IL

LEAD HVAC ENGINEER

Modernization of early 1900s HVAC system for 1500 student population education facility. Systems included three 50,000 cfm air handling units, introducing a new dual pipe cooling and heating plant, and refurbishing the school toilet exhaust system. Challenges included designing modern systems that could be integrated with the 1900s construction methodology. The project included a 125 kVA genset.

South Battery Park Resiliency Project *Port Authority NYNJ, New York City, NY*

PROJECT MANAGER/LEAD HVAC ENGINEER

Approximately a 5-acre site with a 30,000 sf community center multi-use facility that includes ADA-compliant restrooms, gathering space, and a restaurant. This highly sustainable building was engineered to meet the net zero carbon footprint. Challenges included designing a deep-well geothermal heating and cooling system and state-of-the-art energy recovery systems. This project received WEDG (Waterfront Edge Design Guidelines) Verification, the gold standard for waterfront design, which recognizes excellence in resilient, ecological, and accessible waterfront projects. South Battery Park is one of the 13 in the nation to receive this prestigious certification. \$150 million project. (2021–Present)

VA Jesse Brown Replace Obsolete Electrical Panels *Chicago, IL*

COMMISSIONING AUTHORITY AND PROJECT MANAGER

The project included commissioning and replacing obsolete electrical panels due to a life safety hazard and non-code compliance. Project requirements included design phase reviews and construction phase commissioning associated with replacing more than 70 electrical panels under the requirement that the hospital remains in operation throughout construction.

USACE Huntsville District-Electrical Inspections and Repairs and Fire Training-USFOR-A Afghanistan, Entire Country

PROGRAM MANAGER

Electrical Energy Assessments, and Electrical Inspections/Commissioning and Repairs on over 400 bases. Detailed assessments were performed to identify life safety hazards and to evaluate the more cost-effective optimization solution for consolidating multiple prime power generators to reduce energy costs for various structures, such as offices, Hospitals, DFACs, etc., on a military basis. Inspections included a detailed investigation to identify non-code-compliant installations. The energy commissioning requirement assessment of facilities included a go/no evaluation with detailed payback and energy consumption reduction with a detailed investment grade report and design to implement the ECM. Energy commissioning audits resulted in over 30 buildings being upgraded.

Key Personnel



Michael Schiro

DIRECTOR OF ELECTRICAL ENGINEERING

EDUCATION

BS Mechanical Engineering

- » University of Illinois at Chicago, Chicago, IL (1987)

YEAR JOINED THE FIRM

- » 2021

CERTIFICATIONS

- » Project Management Certificate Program training (PMP), Loyola University, Chicago, IL
- » OSHA 10

AFFILIATIONS

- » Electric Association of Chicago: Currently President of the the Consulting Electrical Engineers Division
- » NETA InterNational Electrical Testing Association
- » Illuminating Engineering Society of North America
- » International Association of Electrical Inspectors (IAEI)

Michael is an electrical engineer with over 32 years of experience in vertical and commercial building construction, including electrical design, writing technical specifications and construction agreements, managing design and installation teams, and overseeing design project management. His design experience includes industrial, healthcare, office buildings, high-rise, retail, commercial, hospitality, municipal, and federal.

Relevant Project Experience

Marine Terminal Climate Risk Assessment (TO #9) PANYNJ, NJ & NY PROJECT MANAGER

The Climate Risk Assessment (CRA) is an initiative to identify and cost-effectively mitigate the PA's highest priority climate-related risks by performing enterprise-wide assessments of physical climate-related risks and potential mitigation measures that will result in the development of an optimized risk reduction investment strategy for integration into capital planning. It involves the following two study areas:

- » Study Area 1: New Jersey Marine Terminals (NJMT) and Brooklyn Port Authority Marine Terminal (BPAMT); scope of work requires a Climate Risk Assessment, an Electrical Capacity Assessment, and an Electrical Demand Study of vehicles and buildings.
- » Study Area 2: Brooklyn Port Authority Marine Terminal (BPAMT); scope of work requires participation in program meetings, assessment scheduling, asset criticality and consequence, site-specific climate risk, risk mitigation measure development, a final report, and a post-assessment review.

(January 2024–Present)

HSM Computer Room Generator NMLK Indiana, Portage, IN PROJECT MANAGER

Milhouse was tasked with providing base drawings for necessary structural engineering services, coordinating access to the project sites, and electrical/civil documents and as-built documents reflecting current conditions for NLMK Indiana's installation of a new backup generator for their Hot Strip Mill Computer Room.

Richard Daley Center 27th Floor Generator Load Transfer Transwestern, Chicago, IL PROJECT MANAGER

The project included an assessment of existing generators to verify the feasibility of the design approach, design of proposed emergency power distribution, and preparation of an opinion of probable cost. The design entailed abandoning the in-place failing generator, transferring emergency power of all the 27th floor automatic transfer switches to a new generator distribution panel, and new cable and raceways systems. The design integrated the salvage and reuse of existing conduit runs to minimize construction costs related to the demolition of existing conduits and installation of new raceways.

Joint Public Safety Training Campus EMS Addition AECOM, Chicago, IL PROJECT MANAGER

Milhouse provides electrical engineering services, including electrical power and lighting control design for free-standing full-size homes configured in neighborhoods to provide a location to prepare emergency first responders for new and emerging threats through joint training exercises. The project also entails adding a three-story, 53,000 sq. ft., Emergency Medical Services area to the main building, which includes state-of-the-art training classrooms and a simulation lab for indoor scenario training.

Genset Project Village of Flossmoor, Flossmoor, IL

PROJECT MANAGER

The Village of Flossmoor's Public Works Department required the installation of a new generation and upgrades to the existing diesel-powered emergency building to efficiently service the facility after power outage challenges. Milhouse provided MEP design services, including evaluating the existing HVAC electrical systems to determine the emergency generator's size based on the essential loads required to remain operational in the event of a power outage. Responsibilities also involved providing existing drawings necessary to perform work, coordinating access to the project sites, and electrical/civil documents and as-built documents reflecting its' current conditions.

EV Charging Stations LaGuardia Airport Project Port Authority NYNJ, New York City

SECTION MANAGER/ELECTRICAL ENGINEER

The EV Vehicle Charging Infrastructure Program is a fleet vehicle sustainability endeavor by the Port Authority of New York and New Jersey to convert to a fully electric fleet by 2030. The immediate goal is approximately 25% by 2025. For one location near Building 5 West, plans include 6 locations immediately. Existing infrastructure is being examined for remaining useful capacity, that can be used for EV charging without large capital improvements. Milhouse is providing electrical engineering services for the Port Authority, assisting with exploring and implementing infrastructure to add Level 2 AC electric charging stations with "plug and play" capability for their non-revenue, not-for-hire vehicle fleet. The Port Authority of New York and New Jersey plans to deploy 6-12 vehicles with the ability to scale up to 24, with 100+ charging stations expected in the future.

CAO Public Annex Generator Replacement Atlanta, GA

ELECTRICAL ENGINEER

The project includes the demolition of an existing 125 kW diesel generator and associated systems, the installation of a 500 kW diesel generator, a new main fused disconnect switch section with an automatic transfer switch, the connection of generator and utility transformer output to the new switch section, and a new feeder into the existing building distribution.



Joe Zurad, PE

CHIEF QUALITY OFFICER

REGISTRATIONS

Licensed Professional Engineer

- » CO #54581
- » DC #PE905637 (2010)
- » IL #062-033694 (1976)
- » LA #PE-0047292
- » MD #45434 (2014)
- » MI #6201311058
- » MO #2018011339
- » NC #47071
- » NJ #24GE05502800
- » NY #099967
- » PA #PE082833
- » TX #148038
- » VA #402047428
- » WI #40891-006 (2010)

EDUCATION

BS Electrical Engineering

- » Illinois Institute of Technology,
Chicago, IL (1972)

YEAR JOINED THE FIRM

- » 2006

CERTIFICATIONS

- » CDB—Project Management for
Architects/Engineers
- » Construction Quality Certification
—US Army Corps of Engineers

AFFILIATIONS

- » Lifetime Member Institute
of Electrical and Electronics
Engineers—Power and Energy
Society
- » National Association of Electrical
Inspectors
- » Chicago Electric Association

Joe is an accomplished design engineer with over 40 years of extensive managerial and electrical engineering experience.

He serves a clientele that includes the public and private sectors with a heavy concentration on water/wastewater design and construction management.

Relevant Project Experience

Program Management Operations *Public Building Commission of Chicago* DEPUTY DIRECTOR OF CONSTRUCTION

Public Building Commission of Chicago's \$2.4 billion city-wide, multi-agency Capital Program to rehabilitate existing and build new schools, fire and police stations, libraries, parks, and other public buildings. Work included project and construction management, code and constructability reviews, environmental engineering, and QA/QC. Joe was responsible for installing, starting, and commissioning all building systems, including boilers, chillers, lighting-control systems, solar-assist domestic water heating systems, co-generation systems, and building automation systems for various public buildings. The program involved the construction of 60 new facilities. Three fire stations were also completed and put into commercial operation during this time, and every structure completed under the program achieved a LEED Silver or greater certification.

South Air Traffic Control Tower *CDA, O'Hare Airport, Chicago, IL* LEAD DESIGN ENGINEER

The reconfiguration of the runways at O'Hare International Airport necessitated the construction of two new control towers. Milhouse provided design services for the South Air Traffic Control Tower and its associated base building. This 13-level, 218 ft tower has a 565 sq. ft. cab with a 10,000 sq. ft. base building, is a LEED Gold certified control tower, and required extensive electrical and site-utility engineering services. Work included the design and construction administration of essential and critical electrical power distribution systems, grounding systems, lightning protection systems, and auxiliary systems such as load shed, generator control schemes, etc., for the new FAA South Air Traffic Control Tower at O'Hare Field. Work also included completing short-circuit and coordination, arc-flash hazard, and load flow utilizing Paladin DesignBase software.

333 West Wacker Drive *Chicago, IL* PROJECT MANAGER

Retrocommissioning engineering services for this 1.1-million-square-foot commercial, all-electric office building. The retro-commissioning process included condition assessments of chilled water pumping systems, air-handling units, variable-volume boxes, fan coil units, perimeter radiant heaters, and two independent building BAS systems (JCI and Siemens Controls systems). The project's goal was to reduce energy consumption while improving the quality of the indoor environment for several areas with comfort issues. The project identified issues with temperature sensors, which resolved comfort issues and resulted in a total projected energy savings of 15%.

Raw Wastewater Pump Station 2 Upgrades *DC Water, Washington, DC* ELECTRICAL QUALITY REVIEWER

Milhouse provides architectural, civil, mechanical, and electrical design and construction management services for a study and subsequent design work to upgrade the Blue Plains Raw Wastewater Pump Station Number 2. This included a 4-floor size of 31,743 sq. ft. and a roof size of 21,545 sq. ft. The DC Water Raw Wastewater Pump Station Number 2 was last upgraded in the 1970s when an extension to the existing 1967 Pump Station was added to house additional equipment.



George Norek, AIA, LEED AP

SENIOR ARCHITECT

REGISTRATIONS

Licensed Architect

- » IL #001011629 (1986)
- » DC #ARC102647 (2015)
- » IN #AR11700001 (2017)
- » NJ #21A102181500 (2020)
- » WI #13327 (2021)
- » MD #04-21273 (2022)

Registered Interior Designer

- » IL #161000127 (1992)

NCARB Certified (2015)

Self-Certification Professional
Registration, Chicago
Department of Buildings

EDUCATION

BArch Design

- » University of Illinois at Chicago,
Chicago, IL (1984)

YEAR JOINED THE FIRM

- » 2014

CERTIFICATIONS

- » LEED Accredited Professional, 2003
- » IFMA Certified Facility Manager –
CFM, 1998
- » U.S. Department of Energy 'Q' & 'SCI'
Security Clearances
- » FBI Security Clearance

AFFILIATIONS

- » American Institutes of Architects
(AIA) Chicago
- » National Council of Architectural
Registration Boards (NCARB)
- » US Green Building Council

George Norek is a Senior Architect with over 33 years of experience in design, architecture, facilities director, project management, construction, facilities management, business and strategic planning, and quality control. George is a team leader in all phases of architectural design and construction administration with a record of completing innovative, complex projects on time and within budget. George brings a wealth of experience designing new construction, renovation, high security, and historic rehabilitation. He is a subject matter expert on ADA compliance, LEED, and life-safety requirements. George is a LEED-AP and has received many high-profile design awards for his sustainable projects.

Relevant Project Experience

Chicago Housing Authority *Chicago, IL* ARCHITECT

Condition Assessments (49 Senior High Rises)

Milhouse performed Architectural and Mechanical Condition Assessments on 49 Senior Housing Facilities 5,509,913 gross square feet, having a total of 10,935 apartment units, ranging from 5 stories to 22 stories, with a majority of the buildings built in the 1960's and early 1970's. The facilities are maintained, but in need of upgrading. Total Estimated Construction Cost is \$505,043,455. George's responsibilities included Architectural assessments, recommendations and cost estimates for each building. (2016)

Poke School Preliminary Designs

CHA received an unused school building to convert into housing. Milhouse performed a number of preliminary designs for the CHA Architect. George developed these preliminary Architectural designs. (2016)

Drawing Reviews for Upcoming CHA Projects

Milhouse performed an Architectural drawing review for a townhouse community rehab in an area north of the United Center. George performed this Architectural review. (2016)

Morris Maintenance Facility *Capital Development Board/IDOT, Morris, IL* ARCHITECT

This project is to remove and replace a garage and maintenance building and redesign the entire site including the construction of 4 new buildings to support the IDOT vehicles and salt for the snow-plows for Interstate 80. Architectural work includes the design a new Office Building (6,880 gsf.), new Maintenance/Service Building (22,820 gsf.), new Brine Mixing Building (481 gsf.) and new Brine Tank Storage Building. This work is to be performed on an active site. (2020-2021)



Stan Szydowski

SENIOR ELECTRICAL ENGINEER

EDUCATION

- » Illinois Institute of Technology (1977)

YEAR JOINED THE FIRM

- » 2023

AFFILIATIONS

- » Chicago Electrical Association
- » Illumination Engineering Society
- » National Fire Protection Association

AWARDS

- » IES Award of Excellence in Lighting Riverway Parking Structure
- » Chicago Electrical Association Award of Merit Pansophic Headquarters

Stan is an electrical engineer with nearly 50 years of experience with electrical engineering design in the transportation, hospitality, and residential building sectors.

Relevant Project Experience

CAO Public Annex Generator Replacement *Atlanta, GA*

QUALITY CONTROL

The project includes the demolition of an existing 125 kW diesel generator and associated systems, the installation of a 500 kW diesel generator, a new main fused disconnect switch section with an automatic transfer switch, the connection of generator and utility transformer output to the new switch section, and a new feeder into the existing building distribution.

Bally's Garage/Podium Casino *Environmental Systems Design, Chicago, IL*

SENIOR ELECTRICAL ENGINEER

The project includes a casino with approximately 4,000 gaming positions, food and beverage venues which are adjacent to the casino, an approximately 3,000 person capacity Event Center, a museum located at the Riverwalk level, a small amount of retail, and parking containing approximately 3,300 spaces, and a River Garden providing and interior link between the casino and hotel as well as the main vehicular Porte Cochere to the Riverwalk level, and a 38-story 500 room Hotel Tower with amenities and meeting rooms. Milhouse is providing MEP and Fire Protection Engineering services.

Borough Based Jails – Brooklyn Facility *Brooklyn, NY*

SENIOR ELECTRICAL ENGINEER

Over 20-story high-rise building nearly 1M sq. ft. housing over 800 inmates that includes all prison functions such as kitchens, office space, community rooms, cell blocks, and general areas. Milhouse design involved powering the lighting systems and developing an integrated control system to comply with the latest Department of Corrections standards. In addition, the systems control strategies included compliance with the energy code without comprising the security and operations.

Joint Public Safety Training Campus EMS Addition *AECOM, Chicago, IL*

SENIOR ELECTRICAL ENGINEER

Milhouse provides electrical engineering services, including electrical power and lighting control design for free-standing full-size homes configured in neighborhoods to provide a location to prepare emergency first responders for new and emerging threats through joint training exercises. The project also entails adding a three-story, 53,000 sq. ft., Emergency Medical Services area to the main building, which includes state-of-the-art training classrooms and a simulation lab for indoor scenario training.

Richard Daley Center 27th Floor Generator Load Transfer *Transwestern, Chicago, IL*

QUALITY CONTROL

The project included an assessment of existing generators to verify the feasibility of the design approach, design of proposed emergency power distribution, and preparation of an opinion of probable cost. The design entailed abandoning the in-place failing generator, transferring emergency power of all the 27th floor automatic transfer switches to a new generator distribution panel, and new cable and raceways systems. The design integrated the salvage and reuse of existing conduit runs to minimize construction costs related to the demolition of existing conduits and installation of new raceways.



Mark Cerbin, PE

ELECTRICAL ENGINEER III

REGISTRATIONS

Licensed Professional Engineer

- » FL #96458
- » GA #PE050410
- » IL #062.072420
- » IN #PE12200829
- » NY #104965
- » NC #054626
- » PA #PE092481
- » TX #147220

EDUCATION

BS Electrical Engineering/Applied Mathematics

- » Northern Illinois University, DeKalb, IL (2016)

YEAR JOINED THE FIRM

- » 2015

ADDITIONAL TRAINING

- » SKM Power* Tools Software 40-hour in-class training/IEEE certificate
- » Revit Electrical Training 2017: Basic
- » OSHA 10-Hour Training

SOFTWARE

- » Revit
- » AutoCAD Civil 3D
- » MicroStation
- » AGI
- » ElumTools
- » Bluebeam
- » SKM
- » ProjectWise
- » Axiom
- » Geopak

Mark is an electrical engineer with over 9 years of design and contracting experience. His aviation-related work includes airfield and airport terminal design for runway and taxiway lighting, underground utility coordinator, and communication systems. He has acted as a lead electrical designer on various building projects including new airport terminals and pump stations. Mark also has solid expertise in creating power distribution and lighting designs using Revit and BIM/Virtual Design and Construction (VDC) software.

Relevant Project Experience

ORD 21 O'Hare Global Terminal CDA, O'Hare International Airport, Chicago, IL LEAD ELECTRICAL ENGINEER AND PROJECT MANAGER

At 2.2 million square feet, the new O'Hare Global Terminal (OGT) will be one of the largest, most cutting-edge terminals in the nation. It will dramatically improve the first impressions of tens of millions of travelers who visit Chicago every year. Mr. Cerbin has continued to utilize his diverse and unique experience at O'Hare to lead the coordination/design effort for electrical design and power distribution on the new terminal. He continues to bring practical solutions to complex problems, while meeting and interacting with stakeholders effectively. Coordinating and utility providers and amongst other disciplines and teams outside of the project. Mark is also managing the project for the mechanical piping, fire alarm and fire protection disciplines. This project has many interfaces with existing conditions, many of which need to be maintained while the project is constructed. (June 2019–Ongoing)

Terminal 5 Extension CDA, O'Hare International Airport, Chicago, IL LEAD ELECTRICAL AND POWER DISTRIBUTION ENGINEER

This project consists of a major renovation and a 300,00 sq. ft. extension of O'Hare's Terminal 5 and will include reconfiguring/replacement and installation of new PBBs and MARs gates for wide body and narrow body aircraft parking positions. These positions include west wing gates M1-M7 and gate M18, relocating gates M19 through M21, adding six contact position gates—M22 through M27, and adding at least four new hardstand positions. The additions will require site/civil, apron lighting, security, fueling, and taxiway work along with substantial expansion and renovations to the existing head house. As the lead electrical and power distribution designer, Mark is responsible for design coordination of the main switchgear and power distribution systems; sizing equipment and required calculations; specifications and plan utilizing Revit; coordinating with client for electrical needs; and performing existing conditions assessment of the terminal. Mark is also assisting in developing additional added services to the original contract scope; revising CBP.FIS screening areas and offices; proposed ramp control tower—among other various modification to the existing terminal and planning for its future use. (March 2017–Ongoing)

Existing UPS Replacement Study School of the Art Institute of Chicago, Chicago, IL ELECTRICAL ENGINEER

Milhouse was retained by the School of the Art Institute of Chicago's (SAIC) to review their existing uninterruptable power supply (UPS) system and evaluate options for modifying and/or expanding its current data center. The existing data center maintains all servers for both SAIC, as well as the Art Institute of Chicago Museum. Mark worked closely with the project management team at SAIC to develop a formal analysis (load flow, short-circuit, and arc flash electrical studies) of their system and provide dynamic solutions for the infrastructure problem. (August 2018–Ongoing)

Chicago Smart Lighting Program CDOT, Chicago, IL**ELECTRICAL ENGINEER**

Mark is providing electrical engineering services for the upgrade of more than 270,000 street and alley light fixtures throughout Chicago. The program seeks to improve public safety and quality of life in neighborhoods across Chicago by replacing the city's outdated and inefficient, high-pressure sodium lamps with reliable LED luminaires. The new system improves the City's responsiveness to outages through a citywide lighting control network that provides real-time updates. Milhouse is responsible for the supervision, coordination, inspection, and documentation of the LED conversion and target infrastructure stabilization repairs. Responsible for the inspection of the existing infrastructure while utilizing the city's GIS software for tracking the conditions of each individual pole. The inspections included the evaluation of existing lights and poles. (August 2017–Ongoing)

Pump Station #4 IDOT, Chicago, IL**LEAD ELECTRICAL (LIGHTING) ENGINEER**

Mark was responsible for design coordination of the lighting and general convenience power needs for the New Pump Station #4. This included sizing conduit, wiring, panelboards, lighting calculations, and plan creation for the work. Milhouse provided HVAC, plumbing, utility, electrical, and control design services for this project. (November 2016–Ongoing)

Maggie Daley Park Equipment Survey and Maintenance Specifications**Chicago Park District, Chicago, IL****ELECTRICAL ENGINEER**

Maggie Daley Park required equipment surveys and maintenance specifications of the Ice Skating Ribbon, Climbing Park, Children's Play Garden, groves and lawns, landscape, and the Field House through general maintenance, which involved maintaining the electrical infrastructure; implementing an Energy Conservation Program; implementing Environmental Stewardship Program; maintaining and repairing fire prevention systems; garbage collection, removal, and recycling; graffiti removal; maintaining and repairing hardscape; pest control; plumbing services; power washing; maintaining, repairing, and installing all necessary signs; and snow and ice removal. Mark participated in the electrical equipment survey and development of the subsequent maintenance specifications for Maggie Daley Park. (June 2016–August 2016)



Thomas Hildebranski, PE

SENIOR MECHANICAL ENGINEER

REGISTRATIONS

Licensed Professional Engineer

- » IL #062.073659 (2023)
- » NY #108566-01

EDUCATION

BS Mechanical Engineering

- » Purdue University School of Mechanical Engineering, West Lafayette, IN (2017)

YEAR JOINED THE FIRM

- » 2023

SOFTWARE

- » AutoCAD
- » Revit
- » Recap
- » Carrier HAP
- » Bluebeam Revu
- » Microsoft Office

Thomas is a licensed Mechanical Engineer, effective in HVAC design and collaboration. He is experienced with chilled water, direct expansion, steam, hot water, and condenser water systems, and is knowledgeable with VA HVAC Design Manual, ASHRAE Standards and International Mechanical Code.

Relevant Project Experience

CAO Public Annex Generator Replacement *Atlanta, GA*

PROJECT MANAGER

The project includes the demolition of an existing 125 kW diesel generator and associated systems, the installation of a 500 kW diesel generator, a new main fused disconnect switch section with an automatic transfer switch, the connection of generator and utility transformer output to the new switch section, and a new feeder into the existing building distribution.

Energy Audit for Chicago Public Schools *Ameresco, Chicago Public Schools and Public Building Commission, Chicago, IL*

MECHANICAL ENGINEER/PROJECT MANAGER

Performed Energy audit of 17 Chicago Public Schools to identify potential Energy Conservation Measures in a collaboration project with Ameresco. Energy conservation measures include items related to mechanical systems, controls, and lighting.

GE Building Expansion *GE/CBRE, Pensacola, FL*

MECHANICAL ENGINEER/PROJECT MANAGER

New building for warehouse/storage to connect to an existing facility. Approximately 15,000 sq. ft. building, which also includes a loading dock and fully conditioned warehouse with additional outdoor covered storage area. Milhouse currently provides MEP/FP engineering services.

PAAC Obama Center Community Center *548 Capital LLC, Chicago, IL*

MECHANICAL ENGINEER

The proposed Obama Presidential Center to be located at Jackson Park in Chicago, Illinois consists of an estimated 37,200 sq ft facility/recreation center/community center. Milhouse's scope of work includes HVAC design, advanced building automation, plumbing, fire protection, power, fire alarm LEED design, and energy modeling. This project is pursuing LEED Platinum certification.

Bally's Casino and Hotel *Bally's, Chicago, IL*

MECHANICAL ENGINEER

Project includes a Casino with approximately 4,000 gaming positions, Food and Beverage venues which are adjacent to the Casino, an approximately 3,000-person capacity Event Center, a Museum located at the Riverwalk level, a small amount of Retail, and parking containing approximately 3,300 spaces, and a River Garden providing and interior link between the casino and hotel as well as the main vehicular Porte Cochere to the Riverwalk level, and a 35-story 500 room Hotel Tower with amenities and meeting rooms. Milhouse is providing MEP/FP engineering services.

Morris Maintenance Storage Facility *Capital Development Board, IDOT, Morris, IL*

MECHANICAL ENGINEER

The 7 Bay Truck Storage Building is a 10,368 sq. ft. building constructed in 1955. The scope of work includes an assessment for demolishing the existing 7 Bay Truck Storage Building and constructing a new office maintenance building. The Morris 5 Bay Truck Storage Building is a 4,320 sq. ft. building, constructed in 1963. The scope of work includes repairing and remodeling the Storage Building to allow for additional storage space.

Subcontractors

Milhouse does not intend to subcontract any portion of the design for this project.

Projects – Facility Assessments

Technical Approach

I. Pre-Design Services

A. Program Management

As Program Manager and Project Manager, George Bouris and Michael Schiro bring several decades of relevant experience, managing programs for the private and public sectors including complex programs for Maintenance Facilities, Laboratories, Educational, aviation, and public administration facilities. They bring the knowledge, skills, ability & leadership to rapidly & efficiently grasp and comply with the intent of work expected. They understand that to launch initiatives, one must lead from the front, establish the right team, and fulfill the highest standards with the team to ensure effective communication is fostered.

The essence of good management is the ability to capture and understand the true intent behind each project and process to surpass expectations. The ability to bind together various skill sets in various locations, prioritize work, and achieve these results is true leadership. Milhouse applies a service-centric leadership philosophy that emphasizes understanding and complying with the vision of each project, and then exceeding client expectations.

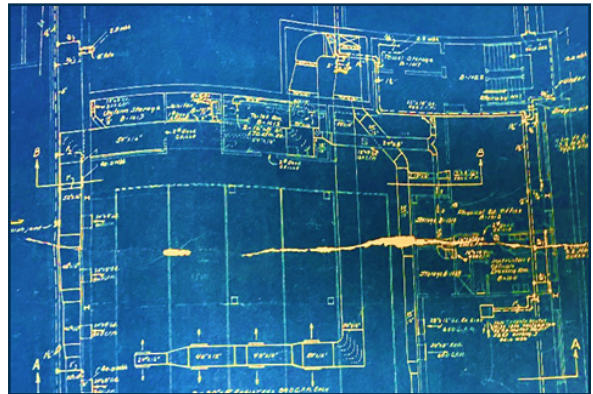
Milhouse will monitor progress, provide real-time oversight (available to all stakeholders), and use metric-based milestones and achievements to validate that the contract requirements are being met by our management team. Regular virtual meetings using Microsoft Teams with minutes of the meeting will be provided with action items for tracking questions, comments, requests, and their corresponding responses.

B. Pre-Design Scope Validation

Our team's resumes demonstrate the requisite depth, technical qualifications, and proven experience to provide design and consulting services for Architectural and Engineering projects in facilities whether it is a small renovation project, a complex remodeling, or a new addition. Upon award of a Project, the Milhouse Team will review the Statement of Work (SOW), and attend the Orientation Meeting to confirm the full scope of work for the project, including any comments to the SOW provided by stakeholders.

Once we have evaluated the Statement of Work to determine both Specific Tasks and Implied Tasks, we will reach out to our client to ensure we have captured the 'Intent' and 'Objective' being sought. By capturing the correct scope, we can quickly establish a Plan, Goals, Costs, Project, and Milestone Chart that allows all Stakeholders to monitor, track, and understand expectations. Our methods always include a process to preempt any potential issues by looking forward and communicating with our client the status and progress on planning, procurement, design, implementation, and construction.

We will obtain and review available as-built drawings and specifications against the SOW and compile a list of questions and/or comments necessary to clarify any scope items. This is an important step in that process that assures the design team has a clear understanding of the scope before proceeding.



Obtain existing drawings from client archives necessary to perform the design.

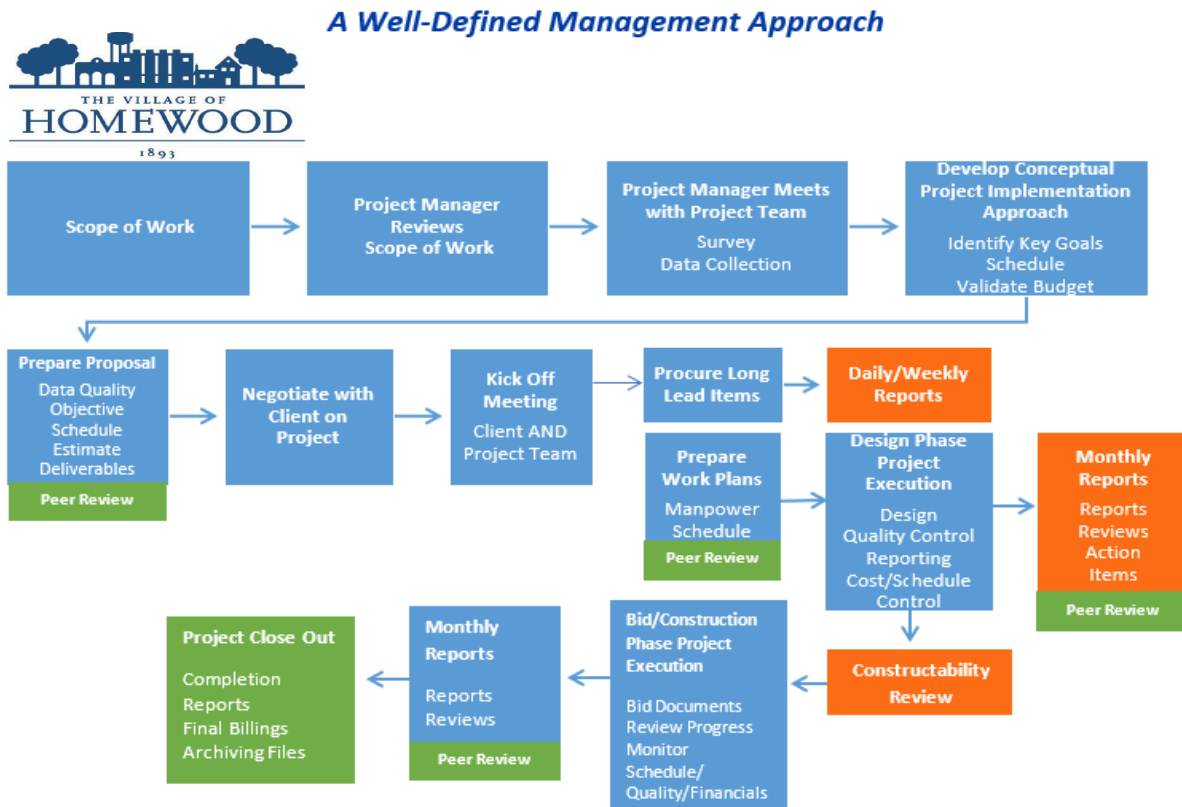
We have found the Pre-Design Phase to be one of the most critical steps in the process since it identifies the options, challenges, and project costs that are the foundation to determining the path forward resulting in fewer issues down the road.

The Milhouse Team will conduct an onboarding to present all findings and recommendations at each deliverable to obtain full stakeholder approval before proceeding to the next design stage. This step is repeated through the Issued for Construction Documents.

The Pre-Design packages will include reports, design drawings, and specifications as required by the defined scope of work. The drawings will consist of General Arrangement Plans, single-line diagrams, equipment schedules, calculations, key sections and elevations, control diagrams and sequences, and outline specifications. The package will be supplemented with a complete design narrative and code review, detailed construction schedule, and preliminary construction estimates, including contingencies and a review of the previous questions, comments, and recommendations to show that they have either been incorporated or resolved.

The Milhouse Team will conduct an onboarding to present all findings and recommendations at each deliverable to obtain full stakeholder approval before proceeding to the next design stage. This step is repeated through the Issued for Construction Documents.

C. Management Approach Summary



II. Design Services

A. Mobilization

Depending on the project's complexity, we anticipate several field inspections throughout the progression of the design to continuously validate the existing conditions against the design to limit unforeseen conditions during construction. Visual inspections will focus on constructability, maintenance access, equipment access, staging, physical obstructions, available utilities such as power, steam chilled water, control sequencing, etc.

After the initial field inspection, Milhouse will provide a full report on their findings and recommendations identifying any concerns with the initial scope vs. existing field inspections. A review meeting will be scheduled with the same personnel that attended the kickoff meeting to review the findings and recommendations from the site walk-through and confirm the path forward.

Construction cost estimates will be provided at each juncture to ensure cost control.

B. Project Phase

As a result of the Pre-Design phase, the contract drawings will mirror the drawings listed under the preliminary design deliverables and facility standards will be supplemented by our standard specifications tailored to the specific project.

The phases are anticipated to be developed based on the following deliverable schedule as determined by the SOW. In addition to the phases listed below, certain projects may require early submissions to the AHJ.

Schematic Design → Design Development → Construction Documents → Construction Phase → Commissioning → Close Out

Revit or AutoCAD will be used to develop the package.

C. Schedule Control

Schedules are managed through an ongoing schedule updated process, reviewed at each design meeting, integrated into each submittal, and pushed out to the Project Team for 'buy-in'. By thoroughly reviewing and communicating the items to be covered in each meeting and integrating those items into the project design timeline we can track pending items, issues, and objectives as well as see into the future to avoid potential conflicts that might cause a potential delay. Listed below are a few of the established processes codified within our team to deliver a quality schedule.

- a. Design Review: The staff will provide an in-depth review of the project requirements to immediately identify any design-related and constructability issues. The issues will be logged in a tracking form and shared with the team to be reconciled during the Design Review Process. The tracking log and forms are provided to all stakeholders for review and comments as appropriate.
- b. Shop Drawing Reviews: Our subject matter experts, in collaboration with our field staff, will review Shop Drawings and issues will be tracked for resolution.
- c. Monitoring and Reporting: Standardized construction monitoring inspection forms for all trades are used to allow for consistent reporting and include pictures (if allowed) of deficiencies. In addition, visual field observation inspections will be performed to capture any unique issues that may arise and are not captured on the standard inspection forms.
- d. Reporting Frequency: As determined by project needs, although all information will be accessible to the client at any time.



*New Backup Electrical Generator
Installed for NMLK Indiana*

e. Reporting Collaboration: A collaborative file-sharing information system such as ProjectWise can be used to allow for report sharing with team members, contractors, and all stakeholders if the project warrants it.

f. Issues Resolution: All issues discovered during the design review, shop drawing review, and construction monitoring phase include an associated suspense date to ensure remediation is implemented promptly. Should the installing contractors or designers of record disagree with the issues reported, an immediate discussion will take place to reconcile the differences with the subject matter experts. Should the issue remain unresolved, the Program Manager will facilitate a meeting with appropriate stakeholders to resolve it while always keeping the client informed.

g. Client Communication: The single point of contact with the Port Authority will be the Program Manager. Communication protocols will be reviewed at the kick-off meeting to facilitate quick resolutions to open issues to avoid excessive distribution to the stakeholders.

D. Quality Assurance and Control

Our team has a considered and structured approach to delivering quality projects to our clients. This approach includes a comprehensive Corporate Quality Assurance Plan, Project Management Plan, and project-specific Quality Control Plans. The project-specific Quality Control checklists are developed before any project starts the design. The checklists are signed by all Key Personnel to assure compliance and are available for review at any time. We have an in-house independent Quality Assurance Team that routinely and randomly audits projects to ensure quality control is maintained. Quality Assurance reports are issued to the Project Manager for immediate real-time corrective action and to the Chief Engineer. In addition to the common quality control reviews such as page flips, calculations reviews, etc., we perform a constructability review, which involves walking the site with design drawings in hand to identify any conflict that may cause constructability or maintenance issues.

a. Coordination is key and sets the groundwork for a well-organized construction project. Throughout the design process, each QC lead addresses deficiencies in the quality with the design professionals to ensure the best quality and workmanship is provided to the client. Project deficiency reports such as the one above are generated and provided to the design team throughout the process such that open items are addressed efficiently.

b. Our quality control is integrated into a review process that consists of a 7-step process that mirrors the project phase and intermediate deliverables with each step being applied to each phase as required to resolve issues. This process is applied to all deliverables.

Schematic Design → Design Development → Construction Documents → Construction Phase → Commissioning → Close Out

- **Step 1: Team Review of Project Requirements:** First, we will establish schedules and coordinate review meeting dates and the overall project with the clients' and staff's holidays and other commitments. An in-depth review of the client's program requirements and goals, applicable Client Standards and Design Manuals, codes, interviews of users and facility maintenance staff, identifying challenges and potential solutions, and verifying the project budget and schedule are all required. This information is then documented in the Owner Project Requirements and disseminated to the entire design team for review and comments to develop a baseline of expectations.
- **Step 2:** This step consists of developing and reviewing options through design team and stakeholder planning meetings. Each lead discipline will participate and provide input on their respective design requirements so that all team members can review and comment on the direction of the concept design, schedule or budget/cost considerations, and any potential deviations from the Client Standards that will require approval.
- **Step 3: Schematic Designs:** After field investigations are performed, we present the concept design options to the client and users, gather additional input to verify that the design is progressing in the required direction, and select the acceptable concept design. The design team will further review any comments or concerns generated by the client, provide recommendations, update the Owner Project Requirements, and develop a draft specification.
- **Step 4: Design Development:** The field survey continues to develop project specifics, such as user program block floor plans, one-line diagrams, preliminary engineering calculations, system sections, riser diagrams, and preliminary equipment selections and specifications. The budget and schedule are evaluated and confirmed that they fall within the requirements. Meetings are held with all stakeholders to coordinate project requirements and issues.
- **Step 5: Construction Documents:** Field surveys are finalized, and all the design is completed to include all details such as elevations, final system design, validation of calculations and energy models, enlarged floor plan details, equipment

schedules, building sections, and specifications.

- **Step 6: Construction Phase:** When requested, bids are evaluated before award. Constructing Phase activities include a consistent follow-through to guarantee that the project is being built per the requirements, including field observations, shop drawings reviews, RFI responses, change order requests, punch lists, and closeout.
- **Step 7: Commissioning:** All commissioning activities are supported throughout the project, especially during the functional performance testing to validate that the systems operate as specified. More information regarding our Commissioning Approach is detailed further on.

c. Coordinate Meetings: Milhouse will hold regular team meetings with applicable stakeholders to verify scope, schedule, budget, and quality are met. Any lessons learned will be shared with the team, and if required, the inspection forms will be updated to reflect additional monitoring requirements.

d. Project Controls: All staff are required to complete time weekly sheets that are signed by the individual and immediate supervisor to be sure project production is tracking the project budget and schedule. In addition, we heavily utilize Deltek as our resource management tool to avoid quality issues that may result from overloading staff. Staff resourcing is updated at a minimum every 3 to 4 weeks.

e. Schedule Compliance: Our overlapping capacity enables Milhouse to excel in multiple projects simultaneously by utilizing Deltek and in-house customized tools known as our Project Tracker. Our key to success is to automate where possible, standardization of processes to create efficiencies, and expedite decision-making. We will perform cross-checks against the deliverable requirements on a routine timetable suitable to the project to track that the project is meeting deliverables.

f. Project Closeout: After the project, the Project Manager will be responsible for ensuring all proper closeouts are completed such as evaluations, records transfer, and proper training, ensuring stakeholders have appropriate documents for records such as as-builts and O &M's.

III. Performing Engineering Investigations and Feasibility Studies

The Milhouse Team has performed building investigations ranging from buildings built in the 1900s to retrofits of modern structures. Performing engineering investigations and feasibility studies is a crucial step in the early stages of any engineering project. These studies help determine the viability, potential risks, and overall feasibility of a proposed engineering venture. A typical comprehensive description of the process is as follows.

a. Project Definition and Scope: Clearly defining the objectives and scope of the engineering project. Understanding the problem statement or the purpose behind the proposed project.



Homewood Flossmoor Generator

b. Data Collection and Review: Gathering all relevant data and information related to the project. This may include technical specifications, regulatory requirements, historical data, environmental impact assessments, and any existing infrastructure or systems.

c. Stakeholder Engagement: Identifying and involving key stakeholders, such as clients, end-users, government authorities, and subject matter experts. Their input is critical to understanding project expectations and potential challenges.

d. Site Visit and Assessment: Conducting a site visit to the project's location, evaluating the site's suitability, and assessing any site-specific constraints or opportunities.

e. Technical Analysis: Performing a comprehensive technical analysis of the project. This includes evaluating engineering aspects of the existing systems.

f. Financial Analysis: Conducting a detailed financial analysis to estimate the project's overall cost and potential cost savings, where applicable. Considering capital expenditures and operating expenses.

g. Alternatives Evaluation: Exploring and evaluating different alternatives and solutions to achieve the project's objectives. Comparing the advantages, disadvantages, and risks of each option to make informed decisions.

h. Feasibility Report: Preparing a comprehensive feasibility report summarizing all findings from the investigations and studies. The report will present a clear assessment of the project's viability, potential challenges, and recommendations for moving forward.

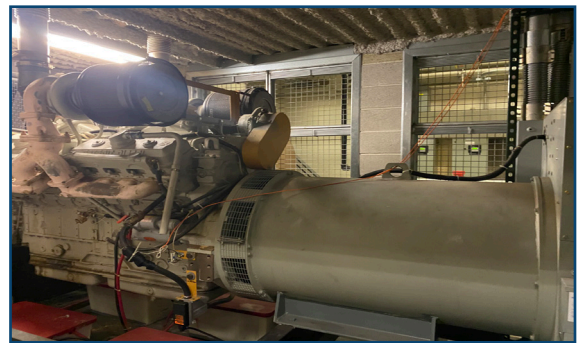
Performing engineering investigations and feasibility studies are a meticulous process that requires a multidisciplinary approach and collaboration among experts from various fields. Thoroughly conducted studies lay the foundation for successful and sustainable engineering project

IV. Construction Cost Estimating

A. Schedule of Pricing

The Milhouse Team has extensive experience in developing the Schedule of Prices for the client at different deliverables stages.

a. At the Schematic Stage, the methodology used is the "Assembly Method". During schematic design, when more is known about the space requirements and general configuration of the building and site, budgeting will be based on major subsystems and room areas. Historical cost information on each type of subsystem or room area is priced using a generalized square-foot method of estimating that applies to the design



Existing Diesel Generator located inside the Richard J. Daley Center

b. At the Detailed Design Stage, the methodology used is the "Parameter Method". This involves an expanded itemization of construction quantities and assignment of unit costs for these quantities broken down into carpeting, vinyl tile, wood strip flooring, unfinished concrete, and so forth.

c. At Construction Document Issuance, the methodology used is the "Unit Cost Method". The project is broken down into individual building components and the labor needed to install them is based on historical data for productivity rates; it can only be used when the construction drawings and specifications are complete, and all the requirements of the project are known.

d. Engineering budgets are typically based on the percentage of construction cost and complexity.

B. Detailed Cost Estimates Approach

a. Cost Estimated Scope Definition

In conjunction with our 3rd party cost-estimating experts, our approach begins with understanding the pricing scope and assuring it is consistent with the requirements of the SOW. We can apply our expertise designing for rail, aviation, and other transportation facilities to come up with precise, industry-specific scopes, including, at each deliverable a detailed cost estimate, when required, that allows us to identify any scope creep or construction cost budget issues before moving into the next phase. If necessary, value engineering solutions are presented to bring the project back into the budget. The following describes our detailed cost-estimating approach.

b. Cost Estimating

i. Identification of Project Requirements: Because it is important for a project to be properly researched before the commencement of the estimating process, Milhouse utilizes a Project Scope checklist as a framework for information gathering when performing initial project reviews. A standardized approach to the planning, organizing, and

management of cost-estimating projects, and estimates are prepared using computer systems that are flexible in terms of presentation and format. Our process begins by discussing the project scope with the design team to define and understand key parameters and goals, as well as determine project staffing needs.

ii. Project Briefing: Utilizing the Project Scope checklist, a more in-depth project briefing is conducted by the design team for the client where each building system is discussed and documented. Our technical and in-house construction staff prepare detailed quantity take-offs organized by major building systems such as foundations, slab-on-grade, exterior walls, roofing, and structural systems. Factors such as high cost, large quantities, tangible and intangible issues, and special items requiring quotations from contractors and suppliers are identified.

iii. Quantity Take-offs: Quantities for all disciplines (architectural, structural, mechanical, electrical, and civil) are documented utilizing computerized digitizers. After quantity take-offs are completed and checked, a separate price reflecting the labor and material components for each line item in the estimate is developed based on a specific project location. We also can utilize BIM Model files to review and check quantities for project consistency.

iv. Price Quotations: Our in-house construction unit can obtain and document price quotations from contractors, subcontractors, and suppliers who have previous experience with similar projects, as well as from published trade publications. Our philosophy on pricing is obtaining actual market information and then tempering it with our experience and various reference materials. Our Cost Managers also review issues such as constructability, site access, contractual constraints, and phasing to produce an estimate that is as “real world” as possible.

v. Construction Estimating Quality Control: Bulk quantities are compared against quantities in the estimates, and these values are then documented on Bulk Check Forms to confirm that no major errors have gone undetected. A Principal or Senior Project Manager conducts a peer review, verifying that prices and work scope are appropriate for the project. To further ensure that all parties have a clear understanding of a project as it progresses, all team members agree upon any comments and/or changes before they are incorporated into the final report.

vi. Deliverables: Once the process described above is complete, the estimate is submitted to the client, who then can make comments that can be incorporated. We diligently follow this process for all estimates at all stages of design completion. Deliverables are established in contract negotiations before notice-to-proceed, and services are performed by all applicable state, federal, and local laws, rules, and regulations. Estimates can be produced in parameter cost models; conceptual, schematic, design development, and construction document stages of design, and can be prepared in standard Unifomat, Master format, or customized formats to meet specific project needs.

V. Bidding, Construction Administration, Occupancy, and Close Out

We recognize in today’s fast-track construction environment it is paramount to understand the client’s program, and budget requirements and provide programmatic economic solutions that do not comprise delivering high-performance, efficient, maintainable, and ‘on budget’ buildings and projects.

Construction administration is a critical phase that ensures the successful execution of a construction project according to the approved plans, specifications, and contract documents. It involves the coordination, monitoring, and control of various activities and stakeholders to achieve the project’s objectives within the specified budget, schedule, and quality standards. The construction administration approach and methodology encompass a series of systematic steps and strategies to effectively manage and oversee the construction process. Our team is proficient and extremely responsive to the components of construction administration, such as:

- » Bid Form Preparation
- » Bidding and Supplemental Information
- » Bid Analysis and Post Bid Cost Breakdown
- » Bidding and Design to Budget Requirement
- » Meetings, Site Visits, Conflict Resolution
- » Periodic Site Visits
- » Submittals, RFIs, and Logs
- » Changes, Change Orders, and Contractor Applications for Payment
- » Change Log/Change Orders
- » Program Change or Construction Change Directive/Bulletin
- » Cost Breakdown and Contractor Applications for Payment
- » Final Submissions and Close-Out
- » Final Inspections and Punch List
- » Revised Drawings/As-Builts
- » Certificate of Occupancy/DOB Close Out
- » Operations and Maintenance

References

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Completed Facility Assessment

Please refer to the attached Richard J. Daley Center Building Assessment Report for a previously completed facility assessment as a deliverable to a municipality.



Milhouse is an interdisciplinary engineering firm that delivers creative solutions to complex problems across the globe. Driven by our diverse perspectives, we challenge the status quo to pursue a brighter future for the communities we serve.

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Village of Homewood

REQUEST FOR QUALIFICATIONS

For Professional Services to Assess Power Requirements and Develop Plans, Specifications, Options and Estimates for the Phased Installation of Emergency Backup Generators for Village Facilities



RFQ Submittals Are Due Monday, September 23, 2024 by 5:00 p.m.

Submit One Original or One Electronic Copy to:

Village of Homewood
ATTN: Terence Acquah
2020 Chestnut Road
Homewood, Illinois 60430
Electronic copies to: tacquah@homewoodil.gov

For Questions Contact: Terence, Assistant Village Manager
tacquah@homewoodil.gov or (708) 206-3378

This RFQ is posted on the Village of Homewood website at:
www.homesweethomewood.com

REQUEST FOR PROPOSALS

For Professional Services to Assess Power Requirements and Develop Plans, Specifications, Options and Estimates for the Phased Installation of Emergency Backup Generators for Village Facilities

I. Summary

The Village of Homewood desires to assess various critical facilities and provide phased and cost recommendations to develop system redundancies and resiliency in those facilities. Critical facilities are defined by FEMA as buildings that are essential for the delivery of vital services or protection of a community. Critical facilities include emergency operation centers, healthcare facilities, police and fire stations, schools, and power stations. These facilities support critical community lifelines that enable the continuous operation of critical business and government functions and are essential to human health and safety or economic security.

The Village has five critical facilities that should be assessed Village Hall, Police Station, Fire Station, Municipal Service Center (Public Works Facility) and the Brian Carey Training Center (Emergency Operations Center–EOC). The objective of this project is to assess the facilities, then provide recommendations for cost effective and phased solutions that will upgrade the electrical backup power systems both internally (i.e. outlets and internal circuitry, emergency lighting, etc.) and externally (generator connectivity) so that each of the five essential Village facilities will remain fully operational during power blackouts and other events which could result in long term power outages.

Responsive proposals will demonstrate the ability to establish power system performance requirements and related building Mechanical, Electrical, Plumbing (MEP) modifications needed at each facility. Key services shall include evaluating the power needs of each facility's hardware and equipment and upon authorization of the Village, development of engineering plans, specifications and estimate for the procurement, installation and construction of upgraded back-up power equipment needed to meet the identified energy demands. The evaluation of each facility's energy needs should include cost considerations to support full backup power demands.

II. Project Description

Current Conditions

This project consists of assessing the current conditions and state of performance of existing backup electrical power generators at each of the following five facilities:

- Village Hall
- Police Station
- Fire Station
- Municipal Service Center (*Public Work Facility*)
- Brian Carey Training Facility (*Emergency Operations Facility*)

Once the current conditions assessment is completed, the consultant will develop a power needs assessment for each facility based on a backup system's ability to meet the demands of full backup power.

The consultant must recommend revisions to the building's circuitry and/or equipment layout of the generator (as needed), outline the building/MEP modifications, summarize the backup power equipment specifications, and assign a probable cost breakdown for each facility.

Consideration must be given to space requirements, access for repairs and ease of maintenance, expandability, requirements to meet new building codes or new legal operational requirements, etc.

Upon completion of the above and with authorization from the Village, the consultant will develop engineering plans, specifications and estimate for procurement, installation and construction of the new upgraded back-up power systems.

Plans, Specification, Engineering and Estimates

This construction of the project will be phased in accordance with Board approved capital funding. All plans, specifications, engineering and estimates should include multi-year cost escalators due to the work being phased and scheduled over three (3) future budget years.

III. Scope of Services

The selected Consultant and their sub-consultants shall have a proven track record of providing professional and related services required by a design team experienced in facility evaluations upgrades, and Mechanical/Electrical/Plumbing systems for industrial, institutional, or municipal facilities.

The following Scope of Services as defined by the Tasks listed below are intended as a guide, and additional services may be required which are not listed below, or details herein provided may prove redundant and unnecessary. The proposal's Scope of Work may be used to supplement or may be incorporated in its entirety to define the Professional Services Agreement's (PSA's) scope, compensation, and schedule. The tasks identified below are generally shown in procedural order of development. However, some tasks may be performed concurrently, may overlap, or may contain work gaps and require staging.

TASK 1 – Project management

The Consultant Project Manager shall fully manage the development and coordination of the power systems needs assessment and subsequent development of engineering design and specification documents, including, but not limited to, ensuring coordination of all conceptual layouts, plans, estimated costs, coordination and ensuring conformance with all relevant codes applicable to this work product.

Consultant shall supervise, coordinate, monitor and design review for conformance with Village standards, policies, and procedures. The Consultant shall be responsible for project administration and coordination efforts. The work tasks required include but are not limited to the following:

- Maintain continuous communication with the Village's Project Manager and coordination of project design/layout development, meetings with Village and all affected parties identified by Village staff.
- Set-up and manage meetings for assessment of each facility's existing backup power generator system establishing the power needs of each facility, clarifying legal requirements, restrictions, necessary code upgrades, etc.

- Communicate conceptual layouts as needed for the facility's building, utility rooms, electrical connections and cabinets, general access, MEP layout and proposed changes needed.
- Communicate and substantiate Mechanical, Electrical, Plumbing system required changes if any.
- Communicate and coordinate the design drawings and technical specifications for the equipment and backup power facilities.
- Coordinate development of cost estimates so that full backup power is provided.
- Provide a Monthly Project Status Report on the status of each project tasks development phase. Prepare meeting minutes with an action item matrix and agenda which shall be distributed to the Village as required.'
- Ensure project delivery progresses on schedule and within budget.
- Manage project schedules and project reporting for each sub-project.

TASK 2 – Power Needs Assessment of Each Facility

The Consultant must complete an assessment of the power needs of each facility so that the new system will perform as anticipated. The consultant will need to establish each facility's power needs by reviewing the inventory of current equipment and apparatus in-place relying on electrical power. Interviews with Village staff responsible for management of the respective operations at each facility will be required to determine significant power demands from any missing equipment not currently in-place, or plans for new equipment, or from other expansion plans that would trigger needs for added power.

The consultant will need to assess the power needs based on the backup power necessary to meet the full power demands of the entire operational programs housed at each facility.

Once the needs assessment of each facility has been completed, a meeting with the Village's Project Manager and other Village staff will be scheduled to discuss probable costs of each scenario at each facility. Following this, the consultant may further develop the concepts and layouts and the recommended power equipment for each facility. After the concepts and layouts are approved by the Village staff, the consultant will design a system and equipment for procurement and installation.

TASK 3 – Conceptual Plans

The Consultant shall develop conceptual plans with recommended revisions to existing building layouts, renderings of building enclosures with material samples, the recommended equipment layout, generator platform revisions (as needed), and an outline of MEP modifications. The consultant shall recommend concepts with consideration for space requirements needed for access for repairs and ease of maintenance, expandability, and ability to meet new building codes or new legal operational requirements that may arise in the future. The conceptual plans shall be accompanied by planning level cost estimates for each of the four installations.

A key option the Village desires is a layout incorporating Transfer Switches for each facility's backup generator system, not only in terms of physical room and access to bring in the supplementary equipment, but accommodations for the hardware, devices, and electrical/electronic connections

TASK 4 – Equipment and Backup Power Generator Specifications

The Consultant shall develop specifications for backup power generator and related equipment. Reports by consultant shall include typical operating procedures and maintenance of the

Professional Services to Assess Power Requirements and Develop Plans, Specifications, Options and Estimates for the Phased Installation of Emergency Backup Generators for Village Facilities

equipment to keep it in optimum working condition and ensure the highest reliability. The consultant shall also recommend warranty requirements, and provide a discussion of the manufacturers and ancillary features available for the Village's consideration.

The equipment and recommended backup power generator systems shall be coordinated with the consultant's recommended building and platform layouts. A key option is the Village's desires of a layout incorporating Automatic Transfer Switches for each facility's backup generator system, not only in terms of physical room and access to bring in supplementary equipment, but accommodations for the hardware, devices, and electrical/electronic connections. The layout design and the equipment specifications must provide ease of access and the power equipment capability to accommodate connecting external emergency power equipment from an outside supplementary source.

The successful consultant is also requested to provide fuel options for generators with backup fuel alternatives (i.e., natural gas with propane backup, diesel fuel with natural gas backup and single-fuel alternatives. Costs should be itemized for each alternative generator option.

TASK 5 – Cost Estimates

The consultant shall, based on all the prior tasks developed to date, develop a detailed equipment cost estimate of the backup power generator system procurement. Cost breakdown shall include costs for hardware and electronic options selected by the Village. The estimate shall also include separate details for probable costs to install the generator and all the equipment.

Separate estimates shall provide a probable cost for any necessary building modifications, changes to the generator platform, MEP modifications and building enclosures for the generators that will require installation and/or construction. Separate cost estimates shall be provided for each of the five facilities. Cost estimates shall be supported by documentation of recent bids for similar work received by at least three municipalities or other public agencies.

Phased Implementation

Because the purchase and installation work will be phased during future budget years, cost escalators should be included for future phased years. We estimate that the implementation of the overall project should be phased over three to four years.

1. Initial Assessment and Documentation

- a. Review existing electrical schematics and maintenance records for all municipal properties.
- b. Conduct meetings with facilities management to understand current challenges and requirements.

2. Electrical System Evaluation

- a. Analyze the capacity and distribution of current electrical systems at each facility.
- b. Conduct a thorough inspection of electrical components, including wiring, outlets, panels, generators, and emergency systems.
- c. Evaluate lighting conditions and identify areas that require upgrades or replacements.

3. Generator Replacement

- a. Specify requirements for the replacement and installation of a new generator at the Village Hall, ensuring it meets current and future power demands. The current generator services Village Hall, Fire, and the Police Department. The generator

location will need to be move to better accommodate the needs of the aforementioned departments.

- b. Identify installation requirements, including permits, location, and integration with existing systems.

4. Control and Security Panel Upgrades

- a. Assess existing control panels' functionality and determine necessary upgrades.
- b. Evaluate security panels and identify potential improvements to enhance security measures.

5. Individual Power Supply Assessment

- a. Determine the necessary modifications to ensure the Fire Department and Police Department have independent electricity supplies.
- b. Conduct load analysis to confirm adequacy of electrical supply.

6. Labeling and Outlets Identification

- a. Develop a labeling system for outlets to clearly indicate which are powered by the generator.
- b. Provide guidelines for implementation of this system.

7. Emergency Power and Lighting Solutions

- a. Design a comprehensive emergency power plan for all facilities.
- b. Assess where emergency lighting upgrades are necessary, ensuring compliance with safety regulations.

8. Loose Wires and Panel Consolidation

- a. Identify areas with loose wiring and propose a remediation plan.
- b. Analyze existing electrical panels to suggest consolidation opportunities, improving efficiency and reducing redundancy.

9. Surge Protection Implementation

- a. Recommend appropriate surge protection devices for electrical panels to guard against power surges.

10. Engineering and Architectural Design

- a. Provide detailed engineering designs for recommended upgrades, including technical specifications and layouts.
- b. Ensure all designs meet applicable codes and regulations.

11. Facility Condition Analysis

- a. Apply a Facility Condition Index (FCI) method to assess each structure's overall electrical condition.
- b. Provide a summary of the current condition based on findings, along with recommendations for prioritized work.

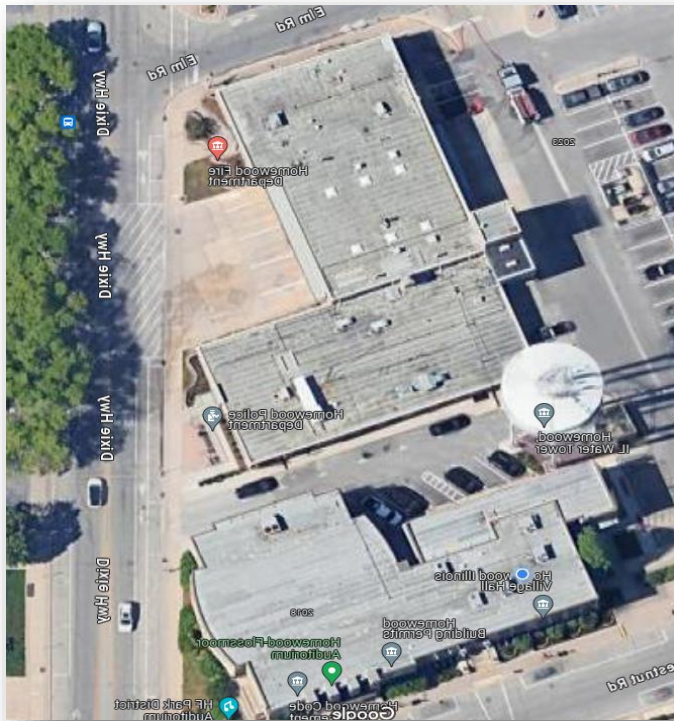
12. Deferred Maintenance Survey

- a. Conduct a survey incorporating a physical inspection of critical electrical equipment to determine the extent of any deferred maintenance issues.
- b. Compile a report summarizing findings and recommended actions for resolution.

13. **Budget**

- a. Provide a detailed budget of recommended findings. Budget should provide breakdown of cost for each facility.

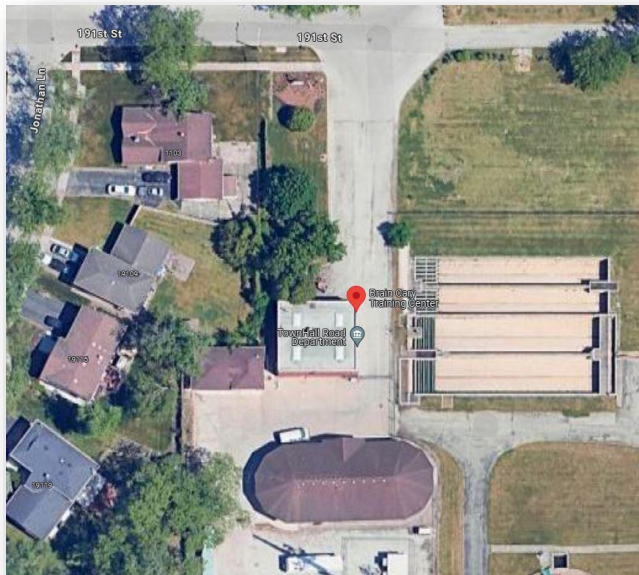
Proposed Location: Village Hall (2020 Chestnut) Police & Fire Department (17950 Dixie Hwy)



Proposed Location: Public Works (17755 Ashland)



Proposed Location: Brain Cary Training Center (1023 191st)



IV. Minimum Qualifications

- The consultant shall be a firm that must be licensed and registered as an architect or professional engineer and/or professional general contractor/project manager with a minimum of five years of experience and must have worked in the electrical assessment of public buildings.
- The consultant shall have completed or been involved in at least four (4) projects that were for municipal buildings that included facility assessment, capital budgeting, estimating, and/or maintenance, rehabilitation, bid and specification preparation documents, or remodeling of buildings.
- Possess all necessary current licenses and registrations, either within the firm or through subcontracted consultants, to perform the work.
- Provide a completed facility assessment that was a deliverable to a municipality.
- The consultant shall comply with all applicable federal, state, and local laws and regulations and must not be debarred from State or Federal projects.

Complete submission of required statements and forms

V. Evaluation Criteria

Proposals will be evaluated based on the following criteria:

- **Qualifications Based Proposal** - Quality of submission by consultant to clearly illustrate its ability, submission readability, correct use of grammar and syntax, responsiveness to format and instructions of the RFQ, and understanding of the Village's request.
- **Knowledge and Experience** – The consultant shall be a firm who must be licensed and registered as an architect or professional engineer and/or professional general contractor/project manager with a minimum of five years of experience and must have worked in the assessment of municipal, and who has at least five (5) years' experience all-inclusive of facility assessments including capital plan for each facility that encompasses all elements ranging from electrical maintenance to major electrical expenditures.
- **Team Lead** - A resume for the consultant's designee to be placed in charge to manage the services included in the RFQ and who will be the direct point of contact with the Village. The resume may include experiences or accomplishments of the designee at a previous employer however the town would prefer that the designee have at least been Team Lead on a minimum of two projects in whole for the consultant. History of successful project implementation and successful previous implemented projects
- **Key Personnel** - Additional staff employed by the consultant that will be utilized for any or all specific services included in the RFQ. Please illustrate strengths, licenses, and certifications of which may include experiences or accomplishments by Key Personnel at a previous employer.
- **Projects** - The consultant shall have completed or been involved in at least ten (10) electrical facility assessment projects that were for buildings, at least five (5) projects that were for municipal buildings.
- **Completed Facility Assessment** – PDF Document on the USB Drive: A PDF of a Facility assessment that was previously done by the consultant to present a project to a respective committee, Village boards, public, and other interested parties.

VI. Project Timeline

Approximate Dates	Action
Friday, August 23, 2024	Advertisement of RFQ
Monday, September 23, 2024	RFQ Proposals Due /Closing of Advertisement
NO LATER THAN Tuesday, October 8, 2024	Identify Successful Vendor – Develop Contract and Project Summary to be Submitted to Village Board
Tuesday, October 22, 2024	Proposal Reviewed for Approval at Hearing of Village Board

Requests for evaluation updates may be forwarded to the Village Manager’s Office of the Village of Homewood at any time. Questions and requests for updates should be made via phone at (708) 206-3380 or sent via email at tacquah@homewoodil.gov.

VII. Recommended Response Materials

Successful proposals should generally include the following materials:

- **Cover Letter:** identifying the consultant, their place of business, name, and telephone number of the person to contact regarding the subject RFQ. The Cover Letter shall be authored and signed by an individual, partner, or designated representative of the consultant that is sanctioned to enter into contracts The Cover Letter should be formal and intelligible yet clearly demonstrate the consultant’s candidacy for this request.
- **Knowledge and Experience:** This should be a more detailed narrative from the consultant of qualifications that includes a summary of experience.
- **Team Lead:** A resume for the consultant’s designee to be placed in charge to manage the services included in the RFQ and who will be the direct point of contact with the Village. The resume may include experiences or accomplishments of the designee at a previous employer however the Village would prefer that the designee have at least been Team Lead on a minimum of two (2) projects in whole for the consultant.
- **Key Personnel:** Additional staff employed by the consultant that will be utilized for any or all specific services included in the RFQ. Please illustrate strengths, licenses, and certifications of which may include experiences or accomplishments by Key Personnel at a previous employer. Description of user interface to be installed and included with the proposed directory signage. May include photos, tutorial examples or narrative information indicating the appearance and user-intuitiveness of proposed directory interface.
- **Subcontractors:** Include professional subcontractors that the consultant has used, will use, worked for or collectively with on similar projects.
- **Projects - Facility Assessments:** This should be a more detailed narrative from the consultant describing and establishing the requirements of an assessment.
- **References:** A list of not less than five relevant references must be included. References may be contacted after selection to determine if the CONSULTANT is responsive and responsible.
- **Completed Facility Assessment – USB Flash Drive.** An electronic copy only of a previously completed facility assessment as a deliverable to a municipality

VIII. Terms and Conditions

General Provisions & Disclaimers

This Request for Qualifications (RFQ) is not a commitment or contract of any kind. The Village reserves the right to pursue any and/or all ideas generated by this request. The Village further reserves the rights to reject, modify, or cancel, in part or in its entirety, this RFP. The Village assumes no obligation, and none is implied, to award a contract for any phase or services, specified in this RFP. Costs for developing submissions are entirely the responsibility of the respondents and shall not be reimbursed in any case. The Village reserves the right to reject any and all submissions.

The Village reserves the right to waive any requirements of this RFQ when it determines that waiving a requirement is in the best interest of the Village. Submittals are public records subject to disclosure under the Freedom of Information Act (FOIA). The Village cannot guarantee that any information submitted in response to the RFQ will remain confidential.

Please submit Requests for Proposals to:

Terence Acquah, MPA
 Assistant Village Manager
 Village of Homewood
 2020 Chestnut Road
 Homewood, Illinois 60430
 Phone: (708) 206-3378
 Email: tacquah@homewoodil.gov

**The RFQ Submittals Are Due Monday, September 23, 2024 by
 5:00 p.m.**



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Terence Acquah, Assistant Village Manager

Topic: Purchase – Network Firewall Upgrade

PURPOSE

Staff is recommending the purchase and installation of a FortiGate Network Firewall from Urban Communications of Oak Forest, IL, the lowest responsible bidder, for a total cost of \$50,534.21. This investment will replace the Village's existing network firewalls, which have been in operation since 2010, and will help prepare the Village's network for a new Cook County fiber internet connection anticipated to take place next year. The current firewalls are outdated and lack security features that are currently available. Additionally, the new firewalls will offer increased redundancy to enhance the Village's network reliability and redundancy in the event of an outage.

PROCESS

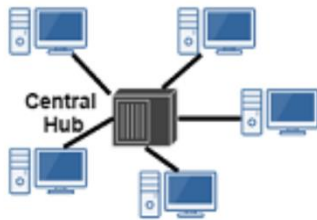
Homewood, over the past 5 years, has moved the majority of our processes over to a "cloud" environment. This means that our data and our departmental processes are fully dependent on having a reliable, fast and "safe" internet connection. Because the internet is crucial to our operation, it then becomes necessary to safeguard these connections against bad actors, and outages. Homewood, like all other businesses and organizations use firewalls as the first line of defense. Network firewalls are designed to protect computers from outside threats such as viruses, malware, spyware, and other malicious software. They also prevent unauthorized access to Homewood's internal network resources which contain private information and even financial information. A network firewall is essential because it can stop hackers from accessing sensitive information and either disrupting operations or holding the organization ransom for its own data (also known as a ransomware attack). In addition, it can also help us monitor employee activities and ensure compliance with State and internal policies.

What are Network Firewalls?

Network firewalls are equipment or software that stand between the internet and the internal network of an organization. The network firewalls also filter the traffic between the internet network and the internal network based on programmed rules and services. Firewalls also have features like Virtual Private Networks (VPN) that allow outside users to connect to the network remotely as if they are on-site. These (VPN) connections can carry heavy security implications that necessitate periodic upgrades to keep up with modern standards and regulatory compliance.



Upgrading Homewood’s firewalls will also change the network topography for the Village from an outdated “hub and spoke” design where there is always a *single point of failure*, to more of a redundant ring or mesh network design. Currently, if Village Hall experiences a network disruption, nearly all facilities will be negatively impacted. The new design will allow the other firewall devices (Public Works, Police Dept., Fire Dept. Village Hall, etc.) to continue functioning independently without sacrificing security and would reduce or prevent service disruption.



Existing Village design.
If HUB internet fails, all systems fail.



Desired “mesh network” design
Each network has multiple connections.

Timeline of the Proposal

In the spring of 2022, Village staff reached out to UrbanCom, of Oak Forest, IL, regarding their fiber internet service expansion into the Homewood area. Urbancom is a locally owned, privately held corporation providing broadband internet and boutique technology services to Chicago’s southern, southwestern, and western suburbs since 1997 and has joined the Cook County backed Chicago Southland Fiber Network to provide low-cost high-speed fiber to municipalities and local businesses alike. Upon reviewing their competitive prices against Comcast pricing, the Village of Homewood insisted on expediting the expansion of the fiber to our facilities.

In order to accommodate the increased speed and additional points of connection to UrbanCom or any new Internet Service Provider (ISP), the Village needs appropriately sized firewalls and a partner who can help support the firewalls. Staff researched potential equipment vendors and prepared a request for proposal (RFP) that was posted on October 3, 2024 and closed on October 28, 2024. There were four proposals received, but after careful review, staff recommends the Board accept the lowest proposal cost submitted by UrbanCom. There are many benefits to using one vendor for both fiber internet connectivity and managed network services. Benefits include having one number to call in case of an outage or for support, increased familiarity with the internal network and its functions, and reduced complexity in the network. UrbanCom’s close proximity in Oak Forest is also ideal for dispatching for the replacement of defective equipment and regular operational reviews.



VENDOR	TOTAL COST
Scientel Solutions – Aurora, IL	\$57,781.07
Complex Network Solutions – Hickory Hills, IL	\$71,800.00
All Information Services Inc. – Oakbrook Terrace, IL	\$76,100.61
Urban Communications - Oak Forest, IL	\$50,534.21

The proposal from UrbanCom includes:

- Providing “Fortinet” branded firewalls that will be interconnected to each other for failover at six (6) Village owned sites (Village Hall, Fire Department, Police Department, Public Works, Brian Carey Training Center, and Lawn and Maintenance).
- Firewalls that will provide content filtering and secure access for remote users.
- Implementation and installation of the firewalls at Village-owned sites.
- Three years of licensing and support.

It is projected to take six to eight months to install the network firewalls at the various Village locations.

OUTCOME

This purchase and install will replace the Village’s existing network firewall and prepare the Village’s network for a new fiber internet connection anticipated for next year. Additionally, the new firewalls will offer increased redundancy to enhance the Village’s network reliability in the event of an outage.

FINANCIAL IMPACT

- **Funding Source:** American Rescue Plan Act (ARPA) Funds
- **Budgeted Amount:** \$43,250.00
- **Cost:** \$50,534.21
- **Budget Amendment Requested:** \$7,285.00 (This amount will come from the Ambulance purchase coming in under budget.)

LEGAL REVIEW

Completed

RECOMMENDED BOARD ACTION

Approve a budget amendment in the amount of \$7,825.00; and, accept the lowest cost proposal submitted by Urban Communications of Oak Forest, IL, by approving the purchase and installation of six (6) FortiGate Network Firewalls for a total cost of \$50,534.21.

VILLAGE OF HOMEWOOD

Item 11. B.



ATTACHMENT(S)

- Urban Communications proposal
- Scientel Solutions proposal
- Complex Network Solutions proposal
- All Information Services Inc. proposal
- RFP for Network Infrastructure updates



David Paulsen
Project Manager/Solutions Engineer
Urban Communications, Inc.
5320 W 159th St,
Oak Forest, IL 60452
davidp@urbancom.net
(708) 381-5477

Rick Wachowski
IT Manager
Village of Homewood
2020 Chestnut Rd,
Homewood, IL 60430

Dear Rick,

I am pleased to submit our proposal in response to your Request for Proposal (RFP) for network infrastructure upgrades at the Village of Homewood. Our team has conducted thorough site surveys, and we are excited to present our proposed solution that will enhance your network's performance, redundancy, and scalability.

During our site surveys, we identified the immediate need to replace existing Cisco firewalls, which will be the focus of the first phase of the project. Our proposed solution includes the installation and configuration of next-generation firewalls that not only meet current security requirements but also offer increased performance and flexibility for future growth.

Our solution includes the integration of additional 10 Gb ports. This was done to ensure that your network is equipped to handle future demands; allowing for increased bandwidth capacity as organizational needs grow. We understand the importance of a robust infrastructure and are committed to delivering a solution that will support your operational needs now and for years to come.

Our team has extensive experience in large-scale network infrastructure projects, and we are dedicated to providing high-quality service and support throughout the implementation process. We will work closely with your team to ensure minimal disruption to your operations and a smooth transition to the upgraded infrastructure.

We are excited about the opportunity to collaborate with the Village of Homewood on this important first step of the proposed network infrastructure upgrades. Please find attached our detailed proposal outlining our approach, timeline, and budget for the firewall upgrades. We look forward to the possibility of working together to enhance your network capabilities.

Thank you for considering our proposal. We are available at your convenience to discuss any questions or provide further information.

Sincerely,
David Paulsen
Project Manager/Solutions Engineer
Urban Communications, Inc.



Urban Communications, Inc.
5320 West 159th Street - Suite 503
Oak Forest, Illinois 60452-3335

Proposed Statement of Work:

To accommodate Secure and Reliable Internet throughout the Village of Homewood's Operations:

There are (6) Separate Locations requiring a physical firewall. We are recommending a firewall at the Village Hall, Police Department and Fire Department which will allow each of these sites to be independent as well as having the ability to be the primary internet connection if one of the other sites is down. We are providing Fortinet firewalls at the other (3) sites for their participation in the proposed SDWAN configuration.

Overview:

The information below will give a comparison of industry leading Firewalls specs, MSRP as well as what is currently in place for the sites that currently have a firewall. Our choice is to implement Fortinet's FortiGate firewalls to secure the network while not comprising on performance. Our recommendation is based on making sure that Homewood has total redundancy between the Village Hall, Police Department and Fire Department. Each of these sites will be able to shoulder the load as the primary internet connection if another sites internet is down. The equipment that we have identified as a solution, account for a 10Gb backbone for your internal network. We weighed the cost of going with smaller firewalls and found that it does not make much sense to handcuff Homewood to a 1Gb backbone for the next 5+ years. The cost difference for the identified all 1Gb Fortigate firewall is marginal.

Primary Factors:

- Cost
- Functionality
- Management
- Speed
- Setup

Why Fortinet?

Fortinet offers the best price/performance while having great safety, technology and support built in. Keeping an all-Fortinet environment will allow for management through FortiManager which boasts a range of tools, reporting and UI/UX features that makes for topology transparent. The ASIC's Security Processing Unit which is at the core of all Fortinet products is second to none when it comes to operation of a Next Generation Firewall.

While Cisco has been a long-term competitor within the market, it has lacked in Next Generation Firewall features. Its speed is behind the times and has lacked behind both Fortinet and Palo Alto in terms of Network Engineering professionals' development from a deployment and management perspective.

Palo Alto is a great NGFW which has great features, easy management and security features that are robust. The flip side of Palo Alto's positives are outweighed by its steep cost at time of purchase as well as its subscriptions associated. Palo is great for large organizations where cost is no factor when implementing the IT Infrastructure stack, but for this environment, a budget should not be broken to update a subscription on year 4 or compromise the security of the network as a whole.

As Cisco, Fortinet and Palo all support SD-WAN at a marginal cost, the Fortinet uniquely separates itself from its competitors using a proprietary processing set specifically manufactured for traffic optimization with having a built in second Power supply to have a clean, integrated redundant power setup. On top of this, Fortinet offers a 3-year HW Plus warranty.

With Fortinet's Enterprise Protection bundling Application Control, DNS Security, Web-Filtering, DLP and Zero-Day Protection, it provides a cost-effective framework without having to procure multiple A La Carte subscriptions. Subscriptions from Cisco such as the Thread Defense, Malware and URL filtering costs well over double the cost of the firewall within a 5-year span. Palo Alto has similar prohibitively expensive subscriptions, although they include the cost of the SD-WAN module, it still is outweighed immensely by 5 figure renewals. We added this as a mention but are not quoting it as Homewood is using CrowdStrike which has the ability to provide these options. In the event Homewood would like the added protection from Fortinet, we can always add this after the fact.

Fortinet's overall disposition geared towards IT Professionals who have a thorough understanding of Network Engineering, allows for it to strive as the best solution for the Village of Homewood's needs via Urban Communication's networking expertise.

Fire Department

Manufacturer	Cisco	Fortinet	Palo
Model	SF-3105	FG-120G	PA-1420
Firewall Throughput	10 Gbps	28	9.5 Gbps
IPSec VPN	5.5 Gbps	35	6.2 Gbps
10Gig Interfaces	8	4	8
5Gig Interfaces	0	0	8
1 Gig Interfaces	16	26	6
Cluster Mgmt Technology	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	Yes (Optional)	Yes (Built in)	Yes (Optional)
Cost	\$21,105	\$9,300	\$18,995
PSU Cost	Marginal	No Cost	Marginal

The Fortinet FG-120G would best accommodate the solution as it provides the best throughput for the lowest cost from an initial outlay perspective as well as subscription basis over the years.

With 4x 10 Gig SFP+ ports, this will allow for 1 ingress from the Fiber provided by the Cienna Fiber Switch connection. This gives Homewood the ability for future growth if internet is ever expanded past a 1GB internet connection. The remaining 10gb ports will be used for egress to the interconnected firewalls (SDWAN) and switch uplinks to provide a 10GB internal backbone.

Police Station

Manufacturer	Cisco	Fortinet	Palo
Model	SF-3105	FG-120G	PA-1420
Firewall Throughput	10 Gbps	28	9.5 Gbps
IPSec VPN	5.5 Gbps	35	6.2 Gbps
10Gig Interfaces	8	4	8
5Gig Interfaces	0	0	8
1 Gig Interfaces	16	26	6
Cluster Mgmt Technology	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	Yes (Optional)	Yes (Built in)	Yes (Optional)
Cost	\$21,105	\$9,300	\$18,995
PSU Cost	Marginal	No Cost	Marginal

The Police Station will add a Fortinet FG-120G Firewall to accommodate the Cienna Fiber Switch which will be on site to operate as an independent node. This network will be given the same throughput capacity as the surrounding environments to meet the demands and bandwidth requirements of all primary locations in network. The 10 Gig SFP+ will accommodate the Fiber Modem while the remaining 10 Gig SFP+'s will egress to the redundant firewalls (SDWAN) and intranet switches.

Village Hall

Manufacturer	Current	Cisco	Fortinet	Palo
Model	5516-X	SF-3105	FG-120G	PA-1420
Firewall Throughput	1.8 Gbps	10 Gbps	28	9.5 Gbps
IPSec VPN	450 Mbps	5.5 Gbps	35	6.2 Gbps
10Gig Interfaces	0	8	4	8
5Gig Interfaces	0	0	0	8
1 Gig Interfaces	8	16	26	6
Cluster Mgmt Technology	N/A	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	No	Yes (Optional)	Yes (Built in)	Yes (Optional)
Cost	N/A	\$21,105	\$9,300	\$18,995
PSU Cost	N/A	Marginal	No Cost	Marginal

Village Hall will have a FG-120G with an ingress coming from the Cienna to the Village Hall firewall 10 Gig SPF+ port. The additional 10 Gig SFP+’s connections will be sent to the redundant firewalls (SDWAN) and switch uplinks for the Village Hall intranet.

Public Works

Manufacturer	Current	Cisco	Fortinet	Palo
Model	ASA 5508-X	SF-3105	FG-120G	PA-1420
Firewall Throughput	1 Gbps	10 Gbps	28	9.5 Gbps
IPSec VPN	175 Mbps	5.5 Gbps	35	6.2 Gbps
10Gig Interfaces	0	8	4	8
5Gig Interfaces	0	0	0	8
1 Gig Interfaces	8	16	26	6
Cluster Mgmt Technology	N/A	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	No	Yes (Optional)	Yes (Built in)	Yes (Optional)
Cost	N/A	\$21,105	\$9,300	\$18,995
PSU Cost	N/A	Marginal	No Cost	Marginal

Public Works will also have a FG-120G with an ingress coming from the Cienna to the 10 Gig SPF+ port. This firewall will participate in the SDWAN over the internet connection we are providing by Urbancom. The additional 10 Gig SFP+ connection will be sent to the intranet switches. With additional room to grow with 2 remaining SFP+ ports available.

Training Center

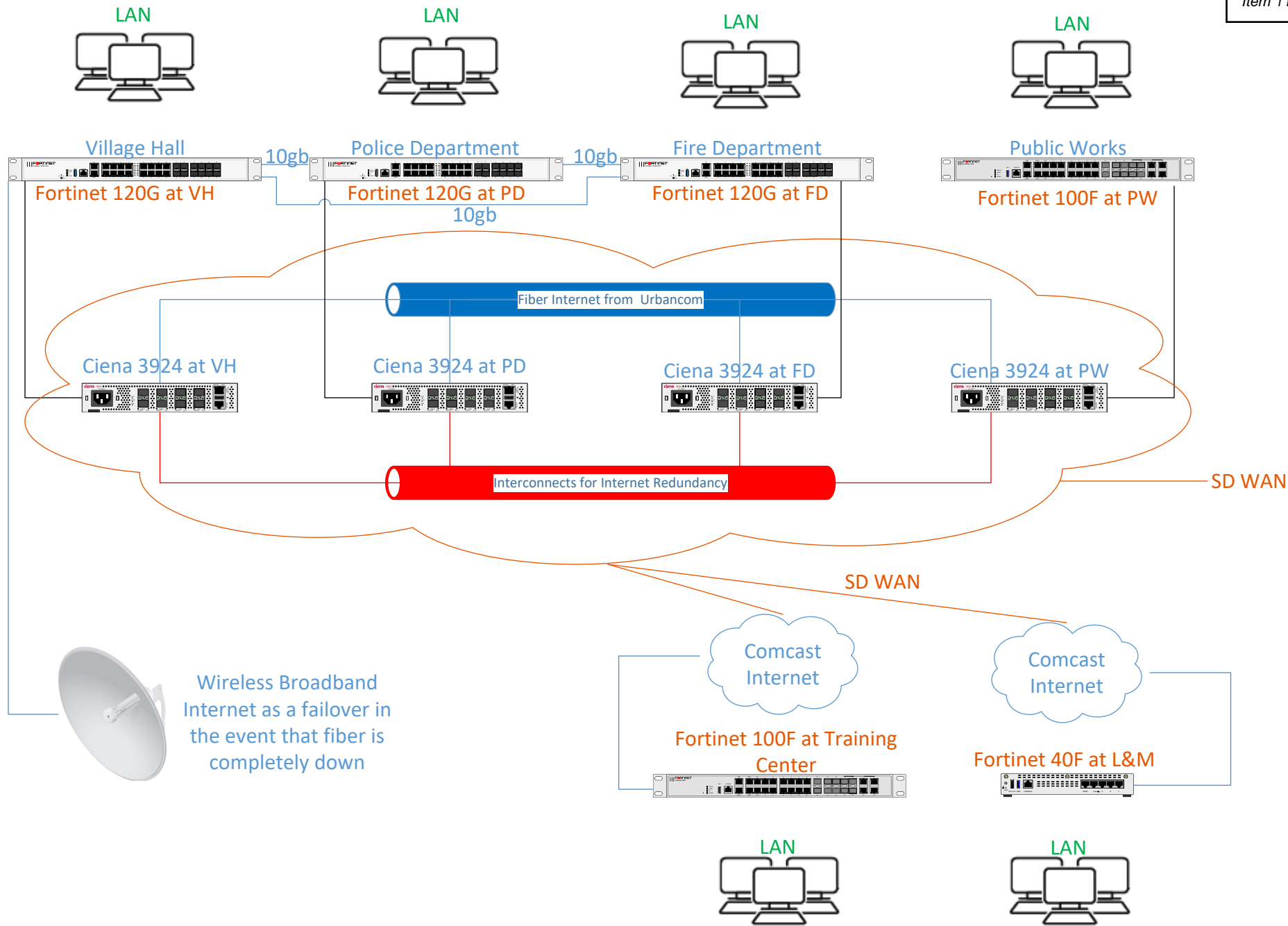
Manufacturer	Current	Cisco	Fortinet	Palo
Model	ASA 5505	SF-3105	FG-120G	PA-1420
Firewall Throughput	150 Mbps	10 Gbps	28	9.5 Gbps
IPSec VPN	75 Mbps	5.5 Gbps	35	6.2 Gbps
10Gig Interfaces	0	8	4	8
5Gig Interfaces	0	0	0	8
1 Gig Interfaces	8	16	26	6
Cluster Mgmt Technology	N/A	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	No	Yes (Optional)	Yes (Built in)	Yes (Optional)
Cost	N/A	\$21,105	\$9,300	\$18,995
PSU Cost	N/A	Marginal	No Cost	Marginal

As the training facility will act as an area for all hands-on deck personnel accommodating environment, we scoped out the same appliance to handle the bandwidth and personnel needs for when the location is at full capacity being the same as Public Works with a Fortinet 120G. This firewall will participate in the SDWAN over the internet connection provided by Comcast.

Lawn & Maintenance

Manufacturer	Current	Fortinet	Palo
Model	Cisco 1010	FG-40F	PA-440
Firewall Throughput	0.9 Gbps	5 Gbps	2.55 Gbps
IPSec VPN	0.4 Gbps	4.4 Gbps	1.1 Gbps
1 Gig Interfaces	8/12	5	8
Cluster Mgmt Technology	Threat Defense Manager	FortiManager	Panorama
Redundant Power Supply	No	No	Yes (Optional)
Cost	N/A	\$1,430.55	\$1,420
PSU Cost	N/A	N/A	Marginal

To keep a harmonious environment and ease of management, the FG-40F would be the perfect low-cost solution for the Lawn & Maintenance location. While it does not offer Redundant Power Supplies, it does still offer SD-WAN capabilities. This firewall will participate in the SDWAN over the internet connection provided by Comcast.



Budget Summary:

Description	Mfg #	Cost	Quantity	Total Cost
Fortinet FortiGate 120G - security appliance - with 3 years FortiCare Premium Support + 3 years FortiGuard Unified	FG-120G-BDL-950-36	\$7,180.62	3	\$21,541.86
Fortinet FortiGate 100F - security appliance - with 3 years FortiCare Premium Support + 3 years FortiGuard Enterprise	FG-100F-BDL-809-36	\$6,869.18	2	\$13,738.36
Fortinet FortiGate 40F - security appliance - with 3 years FortiCare Premium Support + 3 years FortiGuard Enterprise	FG-40F-BDL-809-36	\$1,253.99	1	\$1,253.99
Project Implementation Cost		\$14,000.00	1	\$14,000.00
			Total:	\$50,534.21

References:

Cook County – Bureau of Technology:

- Doug Coupland – Director of Network & Telecommunications
- douga.coupland@cookcountyil.gov
- (312) 603-1498

Village of Monee:

- John Jones – Information Technology Coordinator
- jjones@villageofmonee.org
- (708) 469-9930

Mokena School District 159:

- Lincoln Henson – Director of Technology
- lincoln@mokena159.org
- (708) 342-4948

County of Winnebago:

- Tim Behrensmeyer – Network Engineer
- tbehrensmeyer@doit.wincoil.gov
- (815) 319-4317

Village of Buffalo Grove:

- Tyler Grace – Assistant Village Manager
- tgrace@vbg.org
- (847) 459-2506

Village of Homewood, IL

Request for Proposals for Network Infrastructure Upgrades

10/28/2024

Submitted to:

Village of Homewood, IL
ATTN: Richard Wachowski
2020 Chestnut Road
Homewood, Illinois 60430

Electronic copies to: rwachowski@homewoodil.gov

SCIENTEL CONTACT:

Glenn Luckman



VP of Sales

gluckman@scientelsolutions.com

312-877-4280

2021 N. Eola Rd.

Aurora, IL 60502

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1. Cover Letter / Proposal Summary

Cover Letter: *identifying the consultant, their place of business, name, and telephone number of the person to contact regarding the subject RFP. The Cover Letter shall be authored and signed by an individual, partner, or designated representative of the contractor that is sanctioned to enter into contracts. The Cover Letter should be formal and intelligible yet clearly demonstrate the vendor's candidacy for this request.*

Scientel Solutions LLC (Scientel) prides itself in being The Universal Integrator - for all types of advanced technology solutions both locally and abroad. We are headquartered in Aurora, IL. For more than 30 years, Scientel has been designing, installing, supporting, and operating network and security systems. We do this through longstanding partnerships with the world's leading technology companies. For this proposal, Scientel has partnered with industry leader, Fortinet. Scientel is pleased to have the opportunity to respond to the Village of Homewood, IL (Homewood) Request for Proposals for Network Infrastructure Upgrades (Software-Defined Wide Area Network (SDWAN)).

Scientel is proposing to provide, install & configure 201G Fortinet FortiGate Firewall(s) at Village Hall and implement a new Fortinet SD-WAN Solution for Homewood to its ISP Providers. This proposal aims to significantly enhance Homewood's network's performance, security, cost-efficiency, and management. Our proposal would provide Homewood with the following benefits:

1. Improve Network Performance and Reliability

- **Intelligent Traffic Routing:** Fortinet SD-WAN uses application-aware routing to ensure that critical applications receive the optimal path based on real-time network conditions such as latency, jitter, and packet loss. This improves overall network performance by ensuring that traffic is dynamically routed through the best available links.
- **Redundant Connectivity:** In the event of a link failure, traffic can be automatically rerouted to ensure continuous connectivity and reliability.

2. Enhance Security Across All Network Locations

- **Integrated Security Services:** Fortinet SD-WAN includes built-in security features such as NGFW (Next-Generation Firewall), IPS (Intrusion Prevention System), and web filtering. These features ensure that all traffic, whether it's traveling between data centers or from remote locations, is secured against potential threats.
- **Advanced Threat Detection and Response:** FortiGate with local storage onboard enhances security by providing detailed logs and analytics for all network activity. It allows for advanced threat detection, incident response, and compliance reporting, ensuring that all locations are monitored for suspicious activities.

3. Reduce Operational Costs Through Optimized WAN Usage

- **WAN Optimization:** Fortinet SD-WAN optimizes the use of WAN links by aggregating bandwidth and using lower-cost connections where possible. This reduces the dependency on expensive MPLS circuits, leading to significant cost savings.
- **Efficient Bandwidth Management:** The solution intelligently allocates bandwidth to prioritize critical applications, ensuring that resources are used efficiently. This prevents unnecessary over-provisioning of bandwidth, further reducing operational costs.

- Consolidated Network Functions: By deploying Fortinet SD-WAN with integrated security and networking functions, you reduce the need for multiple standalone devices at each location. This consolidation lowers hardware costs, simplifies management, and reduces maintenance expenses.

Scientel's offers will remain valid for a period of not less than 30 days from the closing date of this solicitation on October 28, 2024.

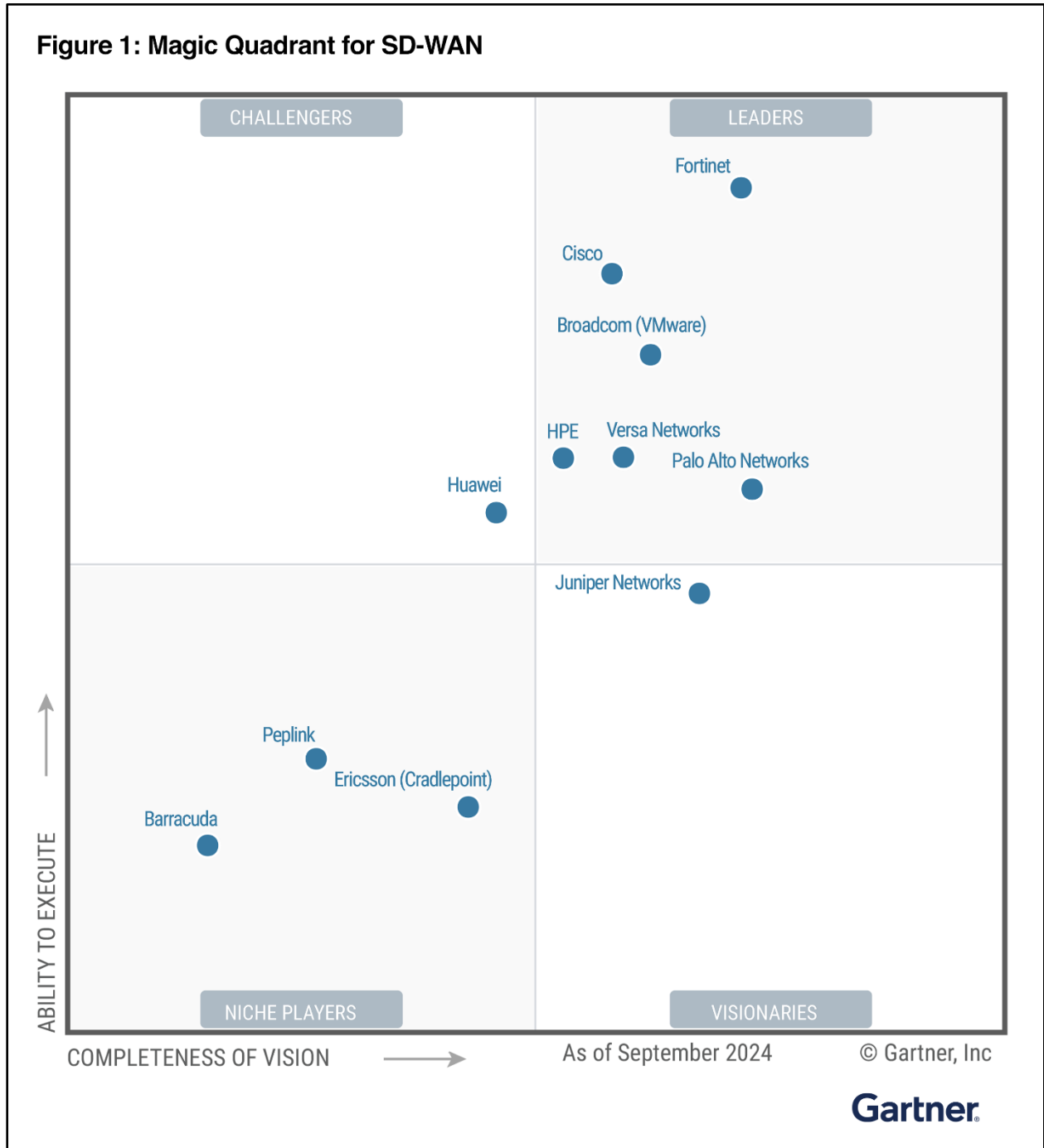
We thank you for the opportunity to provide Homewood with "best in class" solutions. Our goal is to help you achieve the best results for communications, safety and security in your industry. Please direct any questions, concerns or further communications to Glenn Luckman, gluckman@scientelsolutions.com, 312-877-4280.

Sincerely,
Glenn Luckman

Glenn Luckman – Vice President of Sales

A. Why Fortinet's FortiGates & SDWAN?

Scientel has been a top tier partner of Fortinet's for more than 5 years. We've successfully implemented Fortinet FortiGate Firewalls and SDWAN solutions for multiple Illinois municipalities over the last 5 years. We recognize the technical advantages, long term vision, and cost effectiveness of Fortinet's solutions. Please see Gartner's Magic Quadrant of SDWAN for 2024.



Homewood's Required Features:

- *High Availability*
- *FIPS 140-2 Compliant*
- *Intrusion Detection and Prevention*
- *Botnet Prevention*
- *Command & Control Prevention*
- *Deep Packet Inspection*
- *Content Filtering (quota time features optional but preferred)*
- *Application awareness and quality of service controls*
- *Multi-factor authentication for client-based, clientless, and/or site-to-site VPN connections*
- *Multiple VLAN support*

Scientel's proposal includes Fortinet Firewalls that meet or exceed all of the above Homewood stated requirements listed above. Datasheets on our proposed equipment can be found in Section 3a.

Fortinet stands out in the SD-WAN market for several reasons:

1. **Security Integration:** Fortinet combines SD-WAN capabilities with its next-generation firewall technology, offering a security-centric approach that protects against threats while optimizing network performance.
2. **Performance and Scalability:** Fortinet's appliances are engineered for high performance, ensuring low latency and high throughput. This is particularly important for organizations running bandwidth-intensive applications.
3. **Single-Pane Management:** The Fortinet Security Fabric provides a centralized management platform, allowing organizations to manage both security and network functions from one interface, simplifying operations and improving visibility.
4. **Cost-Effectiveness:** Many organizations find that Fortinet's integrated solutions can be more cost-effective than deploying separate SD-WAN and security solutions from different vendors.
5. **Flexible Deployment Options:** Fortinet offers various deployment models, including on-premises, cloud-based, and hybrid options, which can suit diverse business needs and preferences.
6. **Strong Customer Support and Community:** Fortinet has a reputation for robust customer support and an active user community, which can help organizations troubleshoot issues and share best practices.
7. **Consistent Innovation:** Fortinet continually invests in research and development, regularly updating its features and capabilities to address emerging threats and changing market demands.

Fortinet Secure SD-WAN Solution Overview

Fortinet's Secure Networking approach integrates best-of-breed Security and SD-WAN with Secure SD-WAN solution delivering SD-WAN and security in one robust, easy-to-deploy, and easy-to-manage solution. Realizing the need for a full security stack for local Internet breakout traffic at the WAN edge, Fortinet began pioneering the concept of Secure SD-WAN in 2016. It is the only solution on the market which leverages proprietary custom SD-WAN ASIC hardware acceleration to supply best-of-breed next-generation firewall (NGFW) security, SD-

WAN, advanced routing, and ZTNA application gateway capabilities - delivering a secure networking WAN edge transformation in a unified offering with unmatched scalability and performance.

The Fortinet Secure SD-WAN solution is chosen by over 20,000 global customers adding up to over 500,000 sites. Fortinet Secure SD-WAN has received multiple awards and "Recommended" ratings. In 2021, Fortinet received an AA rating from the CyberRatings SD-WAN test. Also, Fortinet is the only company listed in both Gartner Magic Quadrants for both Next Generation Firewall (Leader) and SD-WAN (Leader) for 2022 that uses the same platform, OS and management. To download both reports click [here](#). In addition, Fortinet is ranked #1 in 3 of 5 use cases (Security-Sensitive WAN, Remote Worker, WAN for Small Branches) in the 2022 Gartner Critical Capabilities Report, two years in a row.

Fortinet Secure SD-WAN uniquely leverages Fortinet's proprietary SD-WAN ASIC hardware acceleration to provide an over ten-fold performance increase compared to pure play SD-WAN solutions using generic off the shelf components. This abundance of processing power at the branch enables a distributed control -plane architecture where each branch FortiGate maintains autonomy at the branch edge. This eliminates performance bottlenecks and a single point of failure often associated with traditional central controller SD-WAN architectures. As such, Fortinet Secure SD-WAN is foundational to building a SD-Branch and SASE architecture.

Fortinet Secure SD-WAN's powerful dynamic WAN path controller allows for application aware, SLA enforced business intent steering policies. It has unmatched flexibility; opening the door for almost unlimited traffic engineering possibilities. It is also one of the only SD-WAN solutions on the market which can steer traffic based on user identity among other criteria. Fortinet Secure SD-WAN utilizes both first packet identification and deep packet inspection technologies with SSL inspection to provide accurate and granular application identification and resiliency for over 5,000 applications including UCaaS and SaaS such as O365 or Dropbox. Packet duplication and Forward Error Correction (FEC) increase Quality of Experience (QoE) for voice and video traffic over one or multiple overlay interfaces. Fortinet Secure SD-WAN allows custom SLA thresholds and health check targets to be applied to different SD-WAN policies for closer correlation between SLA measurements (latency, jitter, packet loss, MOS) and application performance. Multiple steering strategies allow for application pinning, automatic path selection based on real-time link health, prioritized path selection for active/backup scenarios and per-session and per-packet load balancing.

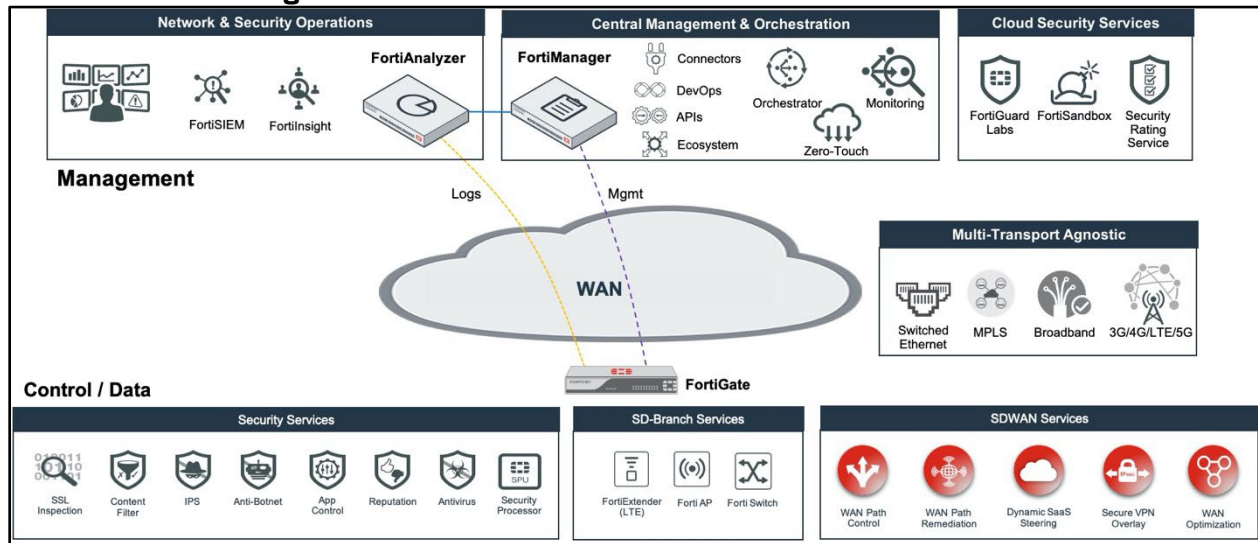
With almost two decades of experience in the Enterprise and service provider market, Fortinet has over time developed an advanced routing stack along with an extensive networking feature set. This allows Fortinet Secure SD-WAN to easily adapt to both greenfield and brownfield deployments. Fortinet Secure SD-WAN provides a comprehensive routing stack supporting the most commonly used dynamic routing protocols (BGP, OSPF, RIP, IS-IS). Fortinet Secure SD-WAN fully supports IPv6 with respect to networking, security policies and SD-WAN policies. The solution also features Fortinet ADVPN technology. With ADVPN, on-demand tunnels are created dynamically for branch-to-branch communications. This allows for full-mesh like communication with the scalability of hub-n-spoke topologies.

In addition, Fortinet Secure SD-WAN incorporates the Fabric Management Center for single-pane-of-glass deployment, provisioning, monitoring, management, analytics, and reporting. Fabric Management Center is composed of FortiManager and FortiAnalyzer.

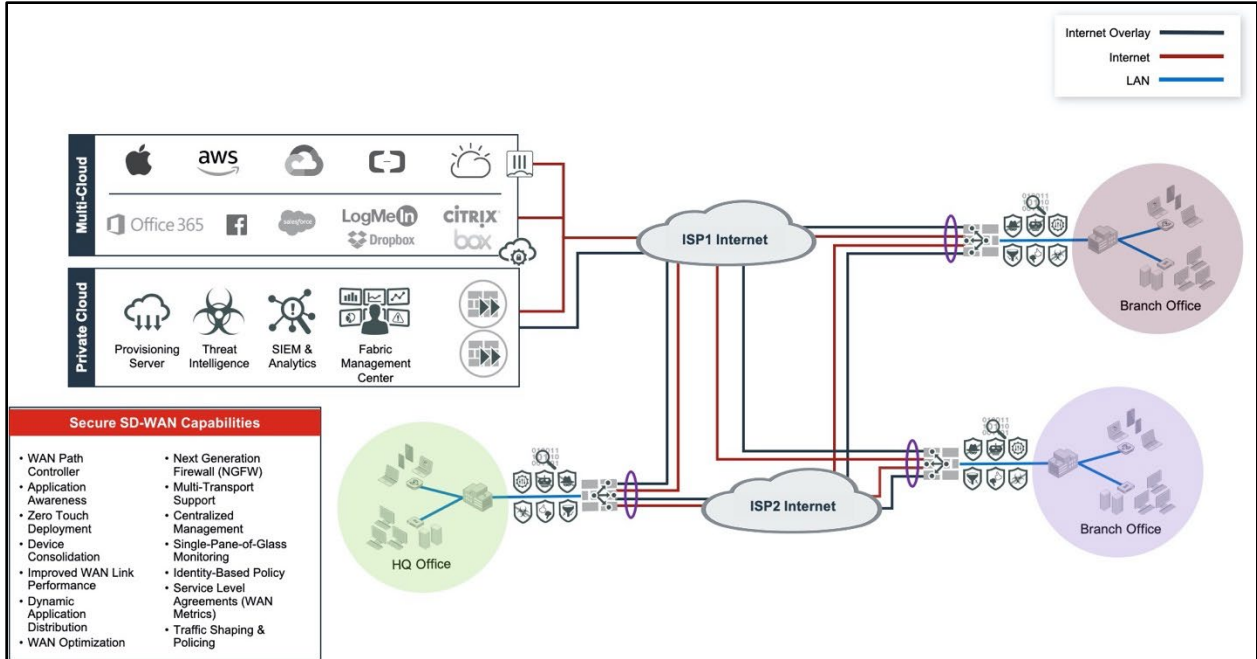
A centralized management solution with a single-pane-of-glass view like the Fabric Management Center enables streamlined visibility that reduces complexity. It allows network operations teams to monitor application steering, SaaS usage, bandwidth utilization, and identify anomalous activity. Fabric Management Center simplifies solution optimization and centralizes the management of Secure SD-WAN, security, zero trust network access, secure access layer technologies (switching and wireless) and other capabilities from a single location. It also streamlines operations for limited or under-resourced administrators and staff—requiring fewer man-hours while reducing total cost of ownership (TCO).

The Fabric Management Center's FortiAnalyzer solution enables organizations to apply FortiGuard Labs threat intelligence to report on SD-WAN's application steering statistics and identify WAN or security problems in real time. FortiAnalyzer helps correlate application and threat intelligence across the Secure SD-WAN enterprise deployment, leveraging its built-in analytics and reporting engines. To keep assets secure, it applies risk scoring to prioritize anomalies and shares findings across the infrastructure. These core analytic capabilities are visible via FortiManager's unified console view.

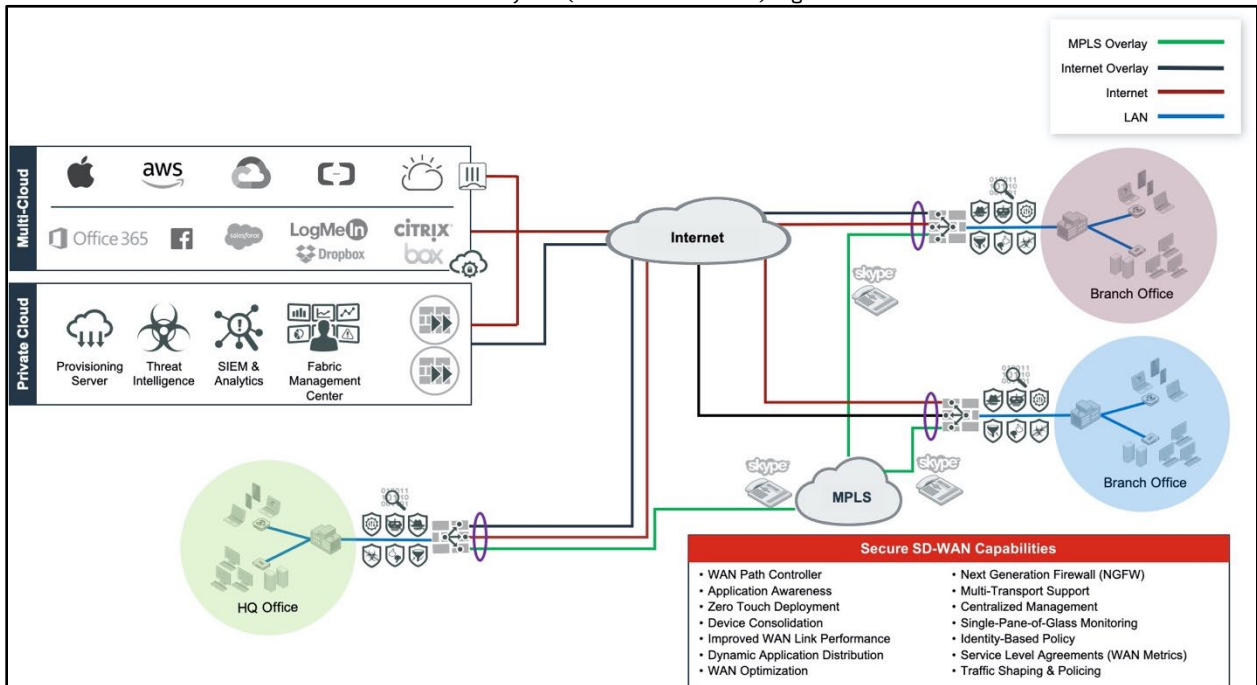
High Level Architecture of Fortinet's SD WAN Solutions



Fortinet Secure SD-WAN Controllerless Architecture



Fortinet Secure SD-WAN Hybrid (MPLS & Broadband) High-Level Architecture



Fortinet Secure SD-WAN Redundant Broadband High-Level Architecture

2. References, Knowledge & Experience

Knowledge and Experience: This should be a more detailed narrative from the contractor of proposal that includes a summary of experience.

- *Success with similar projects. Vendor should include reference contact information*
 - See Section 2A
- *Experience with similar tools and applications*
 - See Section 2A and Appendix A: Resumes
- *Pertinent experience, qualifications, certifications, and past performance of proposed personnel that will be directly involved in providing services, including Subcontractors.*
 - See Section 2A and Appendix A: Resumes. Scientel would not be utilizing any subcontractors for this proposed project.
- *Experience in similar government environments*
 - See Section 2A
- *Ability to provide timely on-site services, problem resolution, and telephone support.*
 - Scientel has a proven record of providing similar services, see References, and we operate a 24/7 Network Operations Center (NOC) out of our Aurora, IL Headquarters
- *Overall capacity of Vendor to successfully provide the required services*
 - Scientel has a proven record of providing similar services, see References, and we operate a 24/7 Network Operations Center (NOC) out of our Aurora, IL Headquarters
- *Credentials of installation team members*
 - See Section 2B and Appendix A: Resumes

A. References

References & Ability to provide on-site services, problem resolution & telephone support:
 A list of not less than five relevant references must be included. References may be contacted after selection to determine if the contractor is responsive and responsible.

Customer Name	City of Crystal Lake, IL
Contact	Steve Weishaar, sweishaar@crystallake.org 815-459-2020
Location	100 W. Woodstock St. Crystal Lake, IL 60014
Dates & Value	Jun 2023 - Present ~\$100,000
Project Description & Challenges	The City of Crystal Lake, IL implemented an SD-WAN and complete WiFi build-out throughout all city municipal buildings, including City Hall, Police Headquarters, 3 Fire Stations, fleet and water department facilities and an outdoor recreation facility. The project was implemented in phases, with the SD-WAN portion happening first, and the WiFi system buildout taking place afterward as facility access allowed. With the enhanced WiFi coverage, end users in the City of Crystal Lake have been very satisfied with the WiFi service and productivity and convenience has increased throughout all facilities.

Customer Name	Village of Tinley Park, IL
Contact	Anthony Ardolino, aardolino@tinleypark.org 708-444-5086
Location	16250 Oak Park Ave, Tinley Park, IL 60477
Dates & Value	December 2022 - Present & ~\$250,000
Project Description & Challenges	Scientel has been the networking partner for Tinley Park since December of 2022. Over that time, Scientel has implemented numerous Fortinet Switches, Firewalls & APs across more than 7 Village owned locations. Scientel has been responsible for implementing SD-WAN across those locations as well as providing turnkey implementation & support.

Customer Name	City of Aurora, IL
Contact	Timothy Kopacz KopaczT@aurora.il.us 331-452-5703
Location	44 E. Downer Place Aurora, IL 60507
Dates & Value	July 2021 - Present & ~\$1,250,000
Project Description & Challenges	<p>Scientel was awarded the managed services contract for the City of Aurora's network infrastructure. Scientel migrated away from a full Cisco network infrastructure & implemented a complete Fortinet Infrastructure complete with FortiGates, FortiSwitches, FortiAP's, FortiAnalyzer, and FortiNAC.</p> <p>FortiNAC was implemented as an added layer of security to further protect the infrastructure while the migration from Cisco to Fortinet took place. FortiNAC provided posturing and visibility to the entire infrastructure for all network connected devices. Through best practices it was determined to focus on a key area of the network to fully test and implement posture for devices as they come on the network. This was provided for physical and wireless connected devices. FortiNAC VM Servers were installed in a redundant</p>

configuration to provide resiliency. FortiNAC was fully implemented into the Active Directory infrastructure.

Customer Name	Town of Normal, IL
Contact	Vasudha Gadhiraju vgadhiraju@normalil.gov 309-454-9606
Location	11 Uptown Circle Normal, IL 61761
Dates & Value	Ongoing Project & ~\$500,000
Project Description & Challenges	The Town of Normal, IL awarded Scientel with the full upgrade and monitoring of their entire infrastructure across all departments. The existing network consisted of entirely Cisco with a provider network interconnecting all departmental buildings. The implementation of this network incorporates FortiGates, FortiSwitches, FortiAP's, and FortiAnalyzer across the entire infrastructure. Full migration to the new infrastructure was completed in 3 months meeting the deadlines of an aggressive schedule and providing minimal outages during the go live.

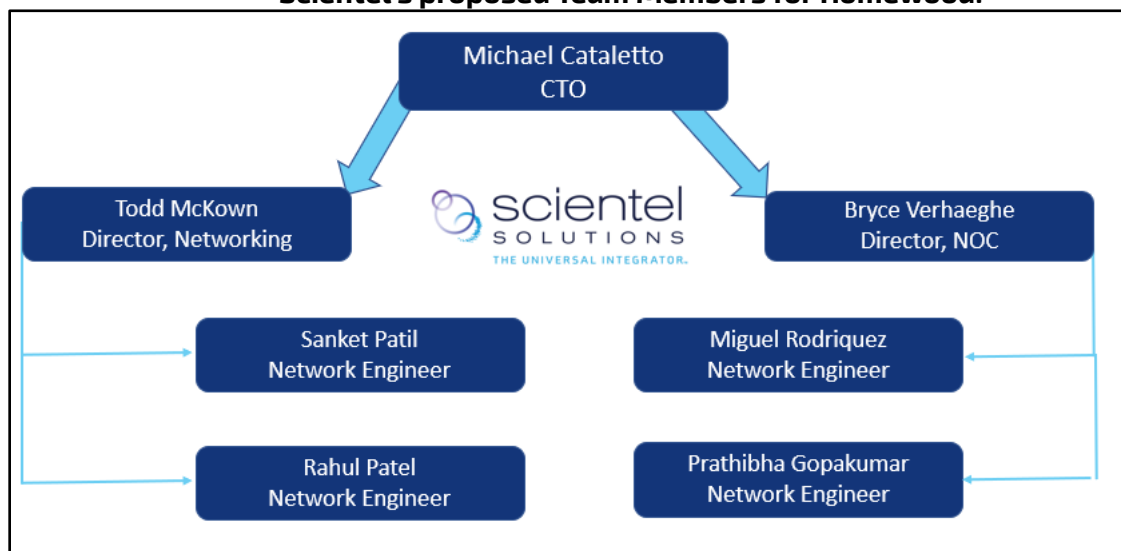
Customer Name	DuPage County Sheriff's Office
Contact	Jason Snow Jason.Snow@DuPageSheriff.org 630-407-2072
Location	501 N County Farm Road Wheaton, Illinois 60187
Dates & Value	December, 2022 & ~\$375,000
Project Description & Challenges	<p>Scientel deployed FortiNAC Control and Application VM Server on VMware, supplemented with two additional licenses: FortiNAC PLUS License for 1K concurrent endpoint devices and FortiNAC Control and Application VM 3 Year FortiCare Premium Support. The project's requirements encompassed enforcing network access policies, ensuring regulatory compliance, device classification, and optimizing network performance.</p> <p>The FortiNAC deployment involved downloading the FortiNAC VM Image, preparing the virtualization environment, importing the VM image, configuring VM settings, initializing the FortiNAC VM, activating licenses, integrating with network infrastructure, configurations and conducting testing and validation. FortiNAC was configured to actively scan the network using SNMP and ICMP protocols, segmenting devices into individual containers based on IP address subnets and device types. Integration with network infrastructure devices such as switches, routers, and wireless access points facilitated the collection of device information.</p> <p>Access policies were established according to user roles, device types, locations, and security posture, with device classification ensuring enforcement of appropriate access policies. User and device authentication mechanisms were configured, granting, or denying permissions based on access policies and authentication results. Automated remediation measures, including quarantining or restricting access for non-compliant devices, were implemented. Ongoing monitoring and integration efforts further enhanced visibility and control</p>

B. Key Personnel

Key Personnel: Should provide an organizational chart for the primary personnel proposed to serve as the points of contact with the Village of Homewood. Provides resumes, a listing of abilities, qualifications, licenses, and experience for the key personnel.

- Experience with similar tools and applications
- Pertinent experience, qualifications, certifications, and past performance of proposed Personnel that will be directly involved in providing services, including Subcontractors.
- Experience in similar government environments
- Ability to provide timely on-site services, problem resolution, and telephone support.
- Overall capacity of Vendor to successfully provide the required services

Scientel's proposed Team Members for Homewood:



Please refer to **Appendix A: Staff Resumes** for a more detailed list of qualifications for managers, supervisors, and technical personnel who would be involved in this project for Homewood.

Scientel's Fortinet Certifications:

- **6 total FCP's (Fortinet Certified Professionals)** with Core Test as FortiGate NSE4. Elective FCP tests completed are as follows:
 - Secure Wireless LAN
 - FortiEDR
 - FortiAnalyzer
 - FortiManager
- **2 total FCSS (Fortinet Certified Security Specialist)** with Core Test as FortiGate NSE7. Elective FCSS test completed are as follows:
 - SD-WAN

3. Project Methodology

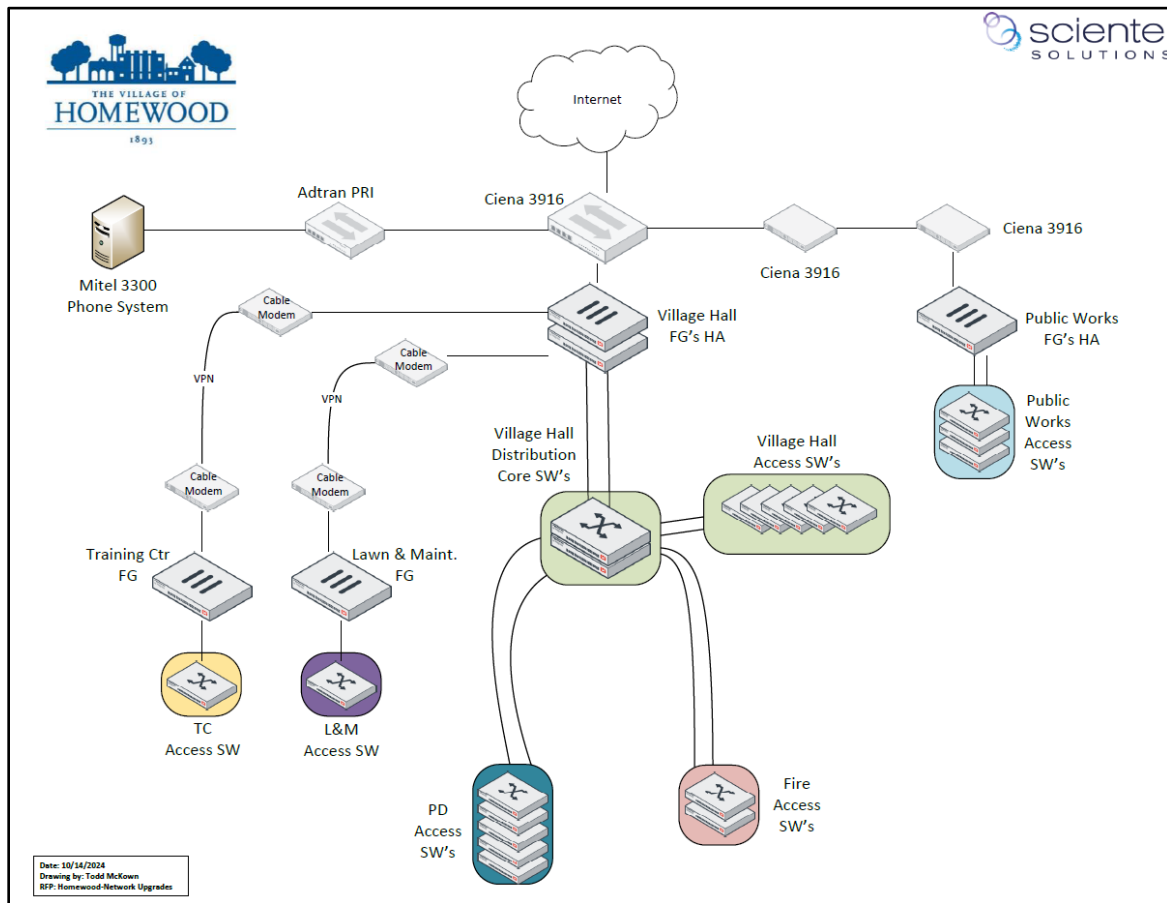
Project Methodology: This should identify the type of that will be used equipment and how the network infrastructure upgrades will occur.

Scientel has broken the RFP requested Project Methodology into 3 subsections

- A. Proposed Design, Equipment, & System Description
- B. Scope of Services Included
- C. Preliminary Project Schedule

A. Proposed Design, Equipment, & Description

Scientel has prepared the following preliminary network diagram for this proposal:



The System will be upgraded to the following components at each location:

Village Hall:

- Qty 2 - FortiGate 201G Firewalls with Enterprise Threat Protection to provide SD-WAN Connectivity to the Internet running in HA (High-Availability)

Municipal Center (Public Works)

- Qty 1 – FortiGate 91G Firewall with Enterprise Threat Protection for connectivity to Ciena 3916 Service and termination to the FortGate located at Village Hall

Emergency Operations Facility (Training)

- Qty 1 – FortiGate 91G Firewall with Enterprise Threat Protection for connectivity to the Cable Modem and termination to the FortiGate located at Village Hall

Lawn & Maintenance (Public Works)

- Qty 1 – FortiGate 91G Firewall with Enterprise Threat Protection for connectivity to the Cable Modem and termination to the FortiGate locate at Village Hall

The following Equipment & Software Licensing are included in this proposal.

Item/Description	Part #	Qty
FortiGate 201G – Enterprise Bundle w/FortiCare Premium	FG-201G-BDL-809-12	2
FortiGate 91G – Enterprise Bundle w/FortiCare Premium	FG-91G-BDL-809-12	3
FortiGate 91G AC Power Adapter Spares (5 pack)	SP-FG60E-PDC-5	1
Power cord, C6 inlet, US for FortiGate Power Supplies	SP-FG60CPCOR-US	5

All Proposed equipment has 1 year worth of software licensing and FortiCare Support included. See Appendix B for more details

Fortinet Firewalls:

- FortiGate 201G specifications: [201G Series Fortinet Firewall Data Sheet](#)
- FortiGate 91G Firewall specifications: [90G Series Fortinet Firewall Data Sheet](#)

Technical Support – Remote via Fortinet

- 24 x 7 FortiCare Support Services Specifications [FortiCare Services Overview](#)

Training Services

- Scientel will provide the required training and work with Homewood and Fortinet to recommend the Fortinet branded training courses as follow up trainings / certifications.

B. Scope of Services Included

In addition to life-cycling equipment components at end-of-life (EOL), the project is expected to upgrade the Village's network topology from separate flat networks to a fully segmented network topology. Proposals and the associated installation sequence/timeline shall be structured to provide the Village with the most favorable pricing and least amount of disruption to Village services while maintaining adequate security.

A successful vendor proposal will include:

- *All ordering, delivery, and warehousing of equipment. Village of Homewood will provide storage space but the vendor should be present for the delivery and acceptance of the equipment.*
 - *Scientel's scope of services include these listed requirements.*
- *Furnishing, installation, testing, and configuration of selected network components. Then vendor should describe the test data it will supply to the Village prior to acceptance of the equipment and configuration. This description should include adherence to the security, VLAN, QoS, diagram, and logistics standards set forth in this section.*
 - *Scientel will fully comply with this request and meet the requirements based on the technology provided.*
- *Strict inter-VLAN access rules to improve network and data security (identification, isolation and control of illegitimate traffic or system anomalies).*
 - *Scientel has provided this requirement through the recommendation of FortiGate Firewalls to provide full network segmentation of inter-VLAN traffic while providing inline virus scanning including encrypted traffic when necessary.*
- *Segregated and hardened network segments for CJIS and State of Illinois access complying with state and federal standards.*
 - *Scientel has experience with this exact setup with many other Illinois agencies and has provided the hardware to fully comply and structure the network in this way.*
- *QoS controls to guarantee bandwidth allocation and prioritization for mission critical application traffic, de-prioritization of less critical network traffic, and VoIP capability.*
 - *QoS is supported through the FortiGates provided in each levels of the network to further ensure critical network traffic is treated with the highest priority.*
- *Detailed bill of materials (BOM) of equipment and services to upgrade the entire system of all buildings at all locations.*
 - *See Section 3A*
 - *As part of Scientel's offering the equipment provided will replace the 4 existing Firewalls currently in place at the same time providing a security fabric implementation at all other locations to further enhance visibility to the network and provide maximum security.*

- *Spare parts inventory that supports an appropriate balance of downtime risk, investment cost, and procurement latency of warranty replacement components. Village of Homewood desires to have at least one complete spare switch (include cables and modules) for any switch model that has more than four switches in the network design.*
 - No spares have been included in our proposal. The most critical components in the network have been designed with High Availability to maximize uptime.
- *Village of Homewood also desires vendor to carry replacement inventory of any switches in the network design within a four-hour drive of Homewood.*
 - Scientel has included spares in the BOM provided where it makes sense. Most critical components in the network have been designed with High Availability to maximize uptime due to criticality of the function within the agency.
- *A specification and quote for the emergency maintenance, repair or replacement of the network equipment. This can be included in the warranty maintenance section of the equipment proposal.*
 - Services related to emergency maintenance, repair or replacement of the network equipment can be performed at a Time & Materials basis of \$240 per hour.
- *Diagrams, in printed and electronic formats, of physical network interconnections.*
- *Diagrams, in printed and electronic formats, of logical network interconnections.*
 - See Section 3A for preliminary network diagram. Final network diagrams would be provided during the project.

Scientel has prepared this section to detail the scope of services included in our response.

1. Project Planning and Design

- **Network Assessment:** Conduct a thorough assessment of the existing network infrastructure, including WAN links, LAN configurations, security architecture, and IT systems. Identify any potential challenges or gaps that need to be addressed.
- **Solution Design:** Develop a detailed solution design that outlines the configuration of FortiGate 201G at Village Hall, FortiGate 91G at Municipal Center, L&M and Public Works locations.
- **Implementation Plan:** Create a comprehensive implementation plan that includes timelines, milestones, resource allocation, and risk management strategies. The plan should cover the deployment process, testing, and cutover activities.
- Scientel will provide a Project Manager to oversee the project entirely, including scheduling project kickoff, ordering of equipment, scheduling of technicians, and arranging the installation process.
- Collaborate with Homewood Network Engineers to develop a scalable, robust, and stable SDWAN implementation and network wide upgrade that segments and protects inter-VLAN connectivity. This solution will also meet the security requirements outlined for CJIS requirements.
- Document IP Plan for network Implementation
- Determine Equipment location and any power requirements
- Determine facility access requirements and Work Hours
- Develop Acceptance Testing Plan for all phases of each implementation to determine success/fail criteria
- **Deliverable:**
 - Detailed Design Review Document encompassing above items

2. Deployment, Installation, & Migration

- Hardware Installation: Physical installation of FortiGate devices at Village Hall, Municipal Center, L&M, and Public Works, including cabling, rack mounting, and initial power-up.
- Configuration: Configure FortiGate devices according to the solution design, including WAN/LAN interfaces, routing protocols if required to upstream ISP, application-based traffic steering, and security policies required for SD-WAN.
- Scientel has included assisting Homewood with the redesign and implementation of new VLANs.
- Scientel will assist in migrating from the legacy firewalls to the new Fortinet SD WAN proposed solution.

3. Testing and Validation

- Testing and Validation parameters will be provided and discussed during the Detailed Design Review meeting prior to deployment.
- Upon completion of the migration, Scientel will perform the discussed testing and validation of the new network.

4. Support and Maintenance

- Post-Deployment Support: Provide support during the initial post-deployment phase to address any issues that arise as the solution is brought online. This includes monitoring network performance, fine-tuning configurations, and resolving any deployment-related issues.
- Ongoing Managed Services: Offer managed services to monitor and maintain the SD-WAN and network solution, including regular updates, security patching, performance optimization, and 24/7 technical support.
- Change Management: Implement a change management process to handle future updates, policy changes, and expansions, including adding new sites or upgrading bandwidth.
- Provide 24/7 technical support via FortiCare.
- Work with Homewood to establish defined SLAs for issue resolution.
- Ensure regular software updates and patches are applied to all equipment.
- Scientel will provide Homewood with a closeout package which will include:
 - Installation photos & testing results
 - Documentation with equipment information such as serial numbers, IP Addresses, login credentials, and warranty information.
 - Updated network diagram

Proposal Assumptions:

- Scope of work allows for coordinated scheduled deployment and site access, any interruptions to project schedule may be subject to change order.
- Customer is responsible for any license or permit fees required by local ordinance.
- Homewood will provide Secure Remote Access for any remote work and access to necessary equipment as needed or required for ongoing support.
- Assumes adequate power and space is available at each location.
- No cabling or SFP's are provided in this offering and will be determined during the detailed design review. Scientel will provide separate quotes for any required Cabling/SFPs at a later date.
- Homewood will review and approve all design implementations prior to final rollout.
- Change request submittals and site outage windows will be coordinated by Homewood.
- Scientel is not responsible for any communication required for 3rd party vendors.
- No new switches have been included in this proposal. Upon request, Scientel would welcome the opportunity to provide a quote for all new Fortinet switches at a later date.
- This proposal is inclusive of providing 5 new Fortinet Firewalls, and the Scientel Network Engineering services to stage, configure, install, and implement these firewalls, SD-WAN, and assist Homewood with the redesign of their VLANs. No other services have been included in this proposal.
- All pricing excludes shipping and taxes.

Warranty Statement:

Scientel Solutions LLC warrants that work will be performed in accordance with sound engineering practice and professional standards, but makes no other warranty, express or implied including the merchantability.

In the event of any error, omission, or other professional negligence or any breach of the above warranty of which Scientel Solutions LLC is notified in writing within 90 days after system acceptance, the sole and exclusive responsibility of Scientel Solutions LLC shall be to re-perform deficient work at its own expense, and Scientel Solutions LLC shall have no other liability whatsoever.

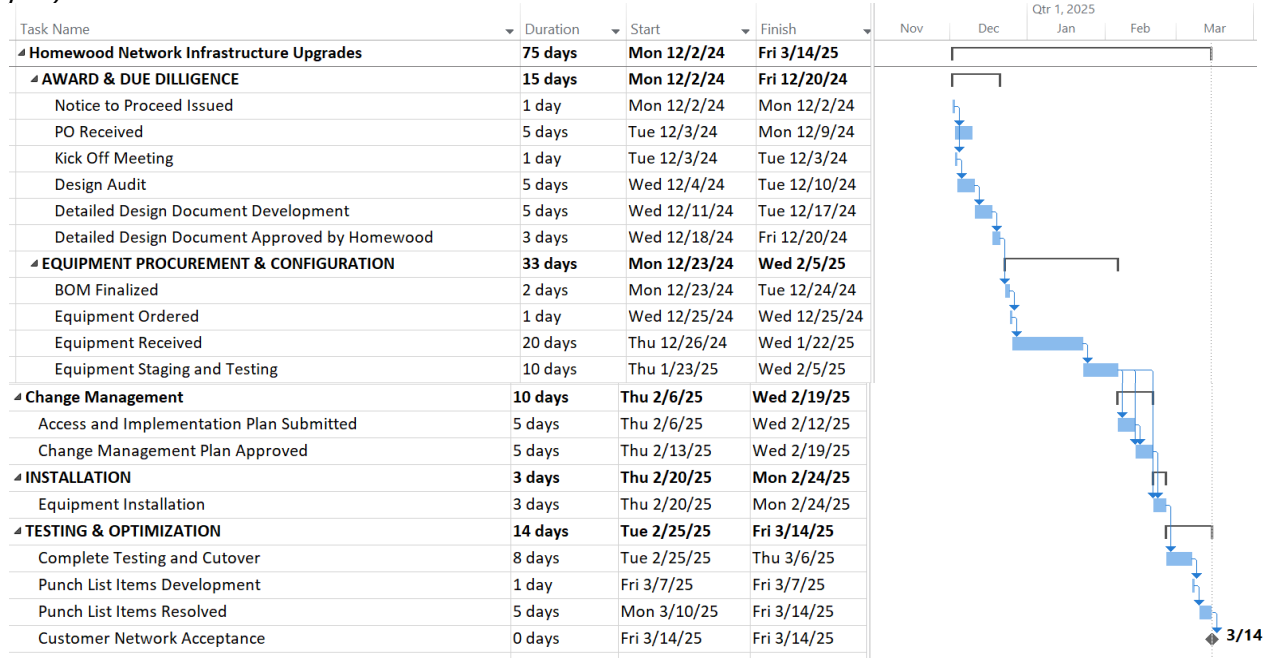
In no event shall Scientel Solutions LLC be liable, whether in contract or tort, including negligence, for loss of profit, loss of product, loss of use, or for indirect, consequential or special damages. The liability of Scientel Solutions LLC for injury or damage to persons or property arising out of this work shall not exceed the lesser of the total amount received by Scientel Solutions LLC pursuant to this contract or \$1,000,000, whether in contract or tort, including negligence and shall not extend to liability arising out of the negligence or other fault of the client.

All equipment included in this proposal includes 1 year for FortiCare software licensing and comes with all Fortinet standard manufacturer's warranties.

C. Preliminary Project Schedule

All Vendors must provide a project schedule

Schedule: This will detail when the project will start and be completed. It should include a project milestone dates.



Scientel has prepared this preliminary project schedule. This schedule would be discussed and finalized during the detailed design review session.

4. Budget

Budget: a breakdown of the cost of the project, and cost to maintain the network.

All Vendors must provide an estimated cost summary in the fee proposal that includes all items shown below:

Phase Description	Hours	Rate	Subtotal	Expenses	Total
Discovery and Direction	68	\$187.27	\$12,734.36	\$280.00	\$13,014.36
Network Design	Incl. Above	Incl. Above	Incl. Above	Incl. Above	Incl. Above
Equipment Cost & Purchase Price (Equipment/Software Listed in Section 3A)	N/A	N/A	\$26,977.87	N/A	\$26,977.87
Implementation	92	\$187.27	\$17,228.84	\$560.00	\$17,788.84
Project Total Cost					\$57,781.07

Billing Milestones / Invoicing

The winning Vendor will be paid monthly for services completed during the previous month. The monthly invoice will include a progress report and a billing report showing hours billed by individual hourly rates, labor subtotal, and other expenses. These expenses will be summarized per task and must support the budget summary in the progress report.

Scientel will comply with this requirement.

5. Appendix A: Staff Resumes

NAME	TITLE	YEARS OF EXPERIENCE	LOCATION - CITY & STATE
Michael Cataletto	Chief Technology Officer	15	Aurora, IL
WORK SUMMARY			
<p>As Scientel's Chief Technology Officer, Michael guides a talented team of engineers dedicated to delivering high-performance networks to our clients while ensuring that budgets are maintained, schedules are met, and quality is paramount throughout the entire deployment process. Background includes field deployment, turnkey networks project management, systems engineering, resource and contractor management. Background also includes international work, process improvement, organizational change management and designing and implementing solutions to improve customer satisfaction and quality. Proven customer interface and management skills spanning 14 years in the wireless industry in over forty countries on six continents.</p>			
EDUCATION (DEGREE AND SPECIALIZATION)			
<ul style="list-style-type: none"> • M.B.A. International Business, Marketing, DePaul University, Kellstadt Graduate School of Business, Chicago, IL – Aug. 2004 • B.S.E. Computer Engineering, University of Michigan, - May 2000 • 			
OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Training, Certifications, Awards, etc.)			
<ul style="list-style-type: none"> • FCC Licensing and Certification • Motorola Certified • Mobotix Beyond Security Award • Cambium Certified • Bridgewave Certified • Harvard University – Executive Education in City Leadership 			
RELEVANT PROJECTS AND WORK EXPERIENCE			
Project Title and Location	Brief Description (Brief scope, size, cost, etc.) and Specific Role		
Chicago and New Jersey Private Millimeter Networks (40+ links)	<ul style="list-style-type: none"> • Designed, Procured, Installed and Tested new 40+ link HybridMillimeter Network including site acquisition and full 24/7 Maintenance 		
City of North Chicago, North Chicago, IL(Wireless Video Surveillance Network)	<ul style="list-style-type: none"> • Designed a Point to Multipoint Backhaul Network to support 8cameras, scalable to support up to 12 cameras • Configured all the PMP hardware, including but not limited to AccessPoints and Subscriber Modules 		
Port of Galveston, Galveston, TX (Remediation of Outdoor Mesh Network)	<ul style="list-style-type: none"> • Analyzed and remediated the Motorola AP7181 Outdoor Wireless Mesh Network for improved performance 		

Harper College, Palatine, IL (Indoor/Outdoor Broadband Wireless Network)	<ul style="list-style-type: none"> Designed a 140+ nodes Indoor/Outdoor Wireless 802.11a/b/g/n network Tested and Optimized the network
Comed, Oakbrook, IL	<ul style="list-style-type: none"> State-wide 3.65 WiMAX Smart Grid Deployment
Handi-Foil, Wheeling, IL (Indoor Broadband Wireless Network)	<ul style="list-style-type: none"> Designed a 60+ nodes Indoor Wireless a/b/g network Tested and Optimized the network
County of HI Video Surveillance	<ul style="list-style-type: none"> Designed Canopy PMP/PTP based wireless camera system for Kailua, Kona, and Hilo parts of Big Island of Hawaii
City of Grapevine, TX	<ul style="list-style-type: none"> Designed Wireless broadband, PMP/PTP Network for Public Safety and Traffic Management
Rosalind Franklin University, North Chicago, IL (Indoor Broadband Wireless Network)	<ul style="list-style-type: none"> Designed a 80+ nodes Indoor Wireless a/b/g/n network Tested and Optimized the network
Lewis University, Romeoville, IL (Indoor/Outdoor Broadband Wireless Network)	<ul style="list-style-type: none"> Tested and Optimized the network Identified coverage holes and recommended design changes to overcome them Expansion/upgrade of the existing network to 802.11n
Nevada Department of Transportation WI-FI Rest Stops	<ul style="list-style-type: none"> Designed and Installed Remote WLAN Network for Rest Stops
Bureau of Reclamation – Wyoming Microwave Relocations	<ul style="list-style-type: none"> Designed, Procured, Installed and Tested new 8 link Federally Licensed Microwave Network including new Shelters, Power Systems and Towers with Passive Repeaters
Alcatel-Lucent Rocky Mountain Region – AT&T Deployment	<ul style="list-style-type: none"> Installed and Tested new 50 links of Alcatel-Lucent MPR9500
OG & E WiMax Smartgrid Phase 2 and 3	<ul style="list-style-type: none"> Installation of 45+ 3.65 GHz PMP Clusters and 20+ Microwave Links Installed CPEs & SilverSpring Access Points
City of Austin, TX Microwave and MPLS Deployment (14 links)	<ul style="list-style-type: none"> Designed, Procured, Installed and Tested new 14 link licensed Microwave and MPLS Network to support a new P25 network

Marathon County, WI Microwave and MPLS Deployment (10 links)	<ul style="list-style-type: none"> Designed, Procured, Installed and Tested new 10 link licensed Microwave and MPLS Network to support a new P25 network.
City of Aurora, IL	<ul style="list-style-type: none"> Citywide Managed Services Contract to support the entire Network and Video infrastructure

NAME	TITLE	YEARS OF EXPERIENCE	LOCATION – CITY & STATE
Todd McKown	Business Unit Manager - Networking	24	Plano, Texas

RELEVANT PROJECTS AND WORK EXPERIENCE (continued)

Project Title and Location	Brief Description (Brief scope, size, cost, etc) and Specific Role
City of Dallas, TX (Cisco WLAN)	<ul style="list-style-type: none"> Site assessment of current wireless at City Hall. Recommended upgrades to entire system from Controller to AP's. Included but not limited to placement of AP's, new AP's, back end network equipment upgrades. Upgraded multi Controller configuration of 5508's and 2504 to the latest code to support new AP's being installed. Implemented newly purchased 5508's into High Availability configuration. Maintain and upgrade Cisco from from 1.1->1.4->2.2. Ongoing project to start including outdoor Mesh AP's
City of Grand Prairie, TX (Cisco and Cambium PTP/PTMP network)	<ul style="list-style-type: none"> Implemented full Layer 2 Cisco network initially and later upgraded the entire network to Layer 3 Cisco IE3010 utilizing EIGRP routing in a ring topology. Conducted network testing for full route redundancy failure situations on all core sites.
City of Southlake, TX (Cisco, Fortinet Firewall, and Zebra Wi-Fi)	<ul style="list-style-type: none"> Design and Deploy Zebra Wi-Fi and Fortinet Firewall for Free Wi-Fi in Town Square and support of Video surveillance system. Also implemented changes in current Cisco network to expand IP class to support a larger network for the internal advertised SSID for City Staff. Designed and recommended Disaster Recovery configurations on the Cisco 6509 Core
County of Maui PD, HI (Alcatel Lucent Multiple Island Shared MPLS Backhaul)	<ul style="list-style-type: none"> Network audit and re-design to make recommendation for security configurations as well as protection for CJIS compliance Presented information to IT Managers and PD Chief of findings and recommended implementation steps
Hemingway Network, New	<ul style="list-style-type: none"> Implemented multi-site Point-to-Point Microwave links to link up high speed network connectivity between two

Jersey (LightPointe PTP Microwave, Mikrotik, Verizon)	Disaster Recover sites. Performed configuration and documented RSL baselining for acceptance testing per link. Also created results of final throughput capacity of links.
City of Buffalo, Buffalo, MN (Cisco, Cambium)	<ul style="list-style-type: none"> Performed an upgrade of their existing City Wide backhaul network and core with upgraded Cisco equipment. Since the City provides an ISP service to all of its citizens it was critical that downtime was avoided while the network upgrade was taking place. All spoke sites were upgrade successfully with minimal downtime. Also the network core of the system was upgraded from 100mb to 1000Mb.

NAME	TITLE	YEARS OF EXPERIENCE	LOCATION - CITY & STATE
Prathibha Gopakumar	Network Engineer II	11	Aurora, IL
WORK SUMMARY			
<p>As a Network Engineer, Prathibha's primary responsibilities include designing, configuring, and maintaining network devices and network monitoring software. Background includes, Solarwinds Network Performance Monitor, BMC Helix Remedyforce IT Service Management, Avigilon Control Center Video Management, Nuage SD-WAN, FortiGate Firewalls, Ubiquiti Firewalls, MikroTik Routers, Nokia Service Routers. Extensive Fortinet design and implementation work has been performed on various projects with large user base. Expertise also include FortiGate firewalls with focus on SSL VPN and rules configuration.</p>			
EDUCATION (DEGREE AND SPECIALIZATION)			
Bachelor of Engineering in Computer Science and Engineering, Anna University			
OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Training, Certifications, Awards, etc.)			
<ul style="list-style-type: none"> Fortinet Network Security Associate 1 (NSE 1) Fortinet Network Security Associate 2 (NSE 2) Fortinet Network Security Associate 3 (NSE 3) Fortinet Network Security Associate 4 (NSE 4) Fortinet (NSE 5) Fortinet (NSE 7) Business Applications of Database Management Systems (OMIS 652), Northern Illinois University Nokia IP Networks and Services Fundamentals - (4A0-100) Nokia Interior Routing Protocols - (4A0-101) Nokia Multiprotocol Label Switching - (4A0-103) Nokia Service Architecture - (4A0-104) Global Partner Program 2020 IP Sales Associate GPP11501K_V1.0 Global Partner Program 2018 IP Sales Engineer Specialist [including NSP] GPP11321K Managing Campus Networks with Aruba Central Oct 27, 2020 – 201977 ASTQB certified tester, CTFL 			

RELEVANT PROJECTS AND WORK EXPERIENCE	
Project Title and Location	Brief Description (Brief scope, size, cost, etc) and Specific Role
Office Security Infrastructure	<ul style="list-style-type: none"> Designed, configured and managed the security infrastructure including firewall provisioning, VLAN implementation, DHCP, DNS, IPsec tunnel connectivity to customer locations, remote VPN setup and managed routing policies across the office network. Built and managed the Nuage SD-WAN infrastructure solution across the data center and the customer locations to establish remote access from the Network Operations Center. Designed, configured and managed on-premises and cloud hosted application servers. Designed, configured and managed AWS cloud platform including EC2 instances, VPCs, multiple Site-to-Site tunnels and Customer gateways, Route tables and Security groups. Configured core routers and switches for the office data center. Worked on routing and IP/MPLS network protocols (ISIS/OSPF, BGP, LDP, RSVP/TE) between multiple routing instances.
Village of Tinley Park, IL (Cisco ASA to FortiGate 200F Migration)	<ul style="list-style-type: none"> Performed the initial network assessment of the current ASA configuration. Built the redundancy and deployment recommendations and migration test plan. Worked with various customer vendors to understand the services configured on the existing firewall. Designed and configured the FortiGate 200F. Coordinated with the Customer and service vendors and successfully migrated the new firewall. Implemented effective security measures using custom security profiles. Performed troubleshooting of network changes, and routing issues.
DuPage County Sheriff's Office (SonicWALL to FortiGate 1801 Migration and Fortinet Security Solutions Implementation)	<ul style="list-style-type: none"> Worked on configuration and migration of existing SonicWall firewall with FortiGate Firewalls 1801. Built redundancy and HA configuration between Primary and Secondary Firewalls. Installed and Configured 4 FortiSwitch-1048E and integrated with security fabric. Installed and Configured 15 FortiSwitch- 124E and integrated with security fabric. Designed, installed and configured various Fortinet security solutions including FortiAnalyzer, FortiEDR, FortiNAC, FortiWeb 600E, FortiSandbox 1000F, FortiMail Cloud Gateway and FortiClient EMS.
White Eagle (Cisco ASA to FortiGate 60F Migration)	<ul style="list-style-type: none"> Worked on configuration and migration of existing Cisco ASA firewall with FortiGate Firewall 60F. Designed and implemented the redundant WAN connections and link monitor and policy route configuration. Built the IPsec tunnel to the office network for network monitoring and SSL VPN for remote access. Currently manage and troubleshoot network services and configure new requirements.
NCLO (Firewall/NSG Implementation at multiple locations)	<ul style="list-style-type: none"> Configured and implemented firewalls and Nuage NSGs at multiple customer locations. Designed network and internet connectivity across all the locations. Built the IPsec tunnel for remote network monitoring.

NAME	TITLE	YEARS OF EXPERIENCE	LOCATION - CITY & STATE
Sanket Patil	Network Engineer	9	Aurora, IL
WORK SUMMARY			
<ul style="list-style-type: none"> • Maintain and deploy enterprise Layer 2/3 switches, routers, maintain upgrades/images, maintain and monitor hardware logs. Worked on Nuage networks', Aruba networks', cambium networks' devices. • Design, maintain and deploy firewalls and access lists, VLANS, VPN Connectivity to customer sites, SD-WAN technology. • Design, maintain and deploy network monitoring system, define network test plans, and review results, prepare Engineering standards documents for the Data Networks. 			
EDUCATION (DEGREE AND SPECIALIZATION)			
Masters of Science in Network Engineering & Security, DePaul University Bachelor of Science in Engineering in Electronics and Telecommunications, University of Pune			
OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Training, Certifications, Awards, etc.)			
<ul style="list-style-type: none"> • Cisco Certified Network Associate: CCNA (200-125) • Fortinet Network Security Associate (NSE 1) • Fortinet Network Security Associate (NSE 2) • Fortinet Network Security Associate (NSE 3) • Fortinet Network Security Professional (NSE 4) • Cisco Certified Network Professional – Enterprise: CCNP - ENCOR (350-401) 			
RELEVANT PROJECTS AND WORK EXPERIENCE			
Project Title and Location	Brief Description (Brief scope, size, cost, etc) and Specific Role		
City of Aurora, Aurora IL (Cisco, Fortinet)	<ul style="list-style-type: none"> • Implementation for the upgrades of the City's current Cisco equipment to enterprise Fortinet devices which includes FortiGates 60, 70, 100, 600 series, FortiSwitches 100, 200, 400 and ruggedized series, FortiAPs 431F, 432F series, FortiAnalyzer 1000F, FortiNAC deployment. • Maintain and support the City's current Cisco devices and monitor, test, troubleshoot end to end network. • Assisted in the site assessment of the current wireless network at Aurora Police Department. Part of the team for upgrade recommendations for transition to FortiAPs from Cisco, placement of new FortiAPs, back end network upgrades. • Constructed network documentations for the City which includes network diagrams for their Core Data Center locations and remote locations, rack diagrams for the City's Core network. 		

<p>Village of Schaumburg, Schaumburg IL (Cisco, Fortinet, Ruckus, VMware)</p>	<ul style="list-style-type: none"> • Worked in the Village as part - time Network Admin in their IT team, managing their network components which includes FortiGates 600 series, FortiSwitches 100, 400 series, Ruckus SmartZone controllers and APs, FortiAnalyzer VM version. • Maintain and upgrade their existing Cisco equipment and work on replacements to Fortinet devices from Cisco. • Worked on having the network components with up-to-date software patches in scheduled maintenance windows with minimal downtime.
<p>OnLight Aurora, Aurora IL (Cisco)</p>	<ul style="list-style-type: none"> • Maintain, manage and support the ISP backhaul network for their Cisco equipment which includes Cisco ASR 9000 series routers, Cisco 3400 series routers, Cisco ASA 5000 series Firewalls, Cisco Nexus 3000, 5000 series Edge switches, Cisco 2900, 3500 series distribution switches. • Constructed network documentations for several customers which includes network diagrams for their Core Data Center locations and customer location networks, rack diagrams for the ISP's Core network, fiber mapping documentations. • Worked with the NOC team for troubleshooting network issues in the customer network environment and maintaining the required SLAs.
<p>DuPage County Sheriff Office, DuPage, IL (Fortinet, Aruba)</p>	<ul style="list-style-type: none"> • Worked on the planning and deployment for Fortinet network components which includes FortiGate 1800 series firewalls, FortiSwitches 1048s, FortiAnalyzer-VM, FortiTokens deployment, FortiEDR staging and deployment, FortiAuthenticator staging and deployment. • Worked with the team on network connectivity troubleshooting for the several Fortinet components for coherent network communication
<p>No Child Left Offline – NCLO, Aurora IL (Cisco, Aruba, Cambium, Fortinet, Nuage networks, Siklu)</p>	<ul style="list-style-type: none"> • Design and deployment of several of the network components for multi-site locations to provide wireless access for students which was part of the City of Aurora initiatives. • Implementations of networking devices which includes FortiGate 40F firewall, Nuage networks SD-WAN 7850 NSG series devices, Cisco 1000, 2900 series access switches, Aruba 2500 series access switches, Aruba 500 series APs and controller, Cambium cnPilot E400, E500 series APs. • Maintained and constructed network documentations for the multi-site deployments which includes network diagrams for the devices at the respective locations.

<p>White Eagle Golf Club, Naperville, IL (Cisco, Aruba, Zebra Wi-Fi)</p>	<ul style="list-style-type: none"> • Design and implementation of the customer's current Cisco equipment to enterprise Aruba devices which includes Aruba 2900 series Edge switches, 2500 series access switches, Aruba 500 series APs. • Maintain and support the customer's implemented Aruba devices and monitor, test, troubleshoot end to end network. • Maintained and constructed network documentations for the customer network which includes network diagrams for the network components at several locations.
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NAME	TITLE	YEARS OF EXPERIENCE	COMPANY LOCATION - CITY/STATE
Miguel Rodriguez	Network Engineer	15	Plano, Tx
WORK SUMMARY			
<p>My career at Scientel has spanned over 10 years and 3 different positions. Starting off as a Field Technician, I was responsible for field survey, installation and testing of several technologies. These included PTP, PMP, and Wifi with vendors such as: Cambium, Motorola, Dragon Wave, Cisco, Aviat, Juniper, SIAE, etc. Next, I moved on to a Field Services Manager position. I was responsible for overseeing a team of field technicians and field operations. I was responsible for training and guiding my field technicians. I ensured they were properly trained and prepared to perform their daily responsibilities. Finally, I moved into my current position of Network Engineer. As a Network Engineer I'm responsible for installation and testing of networking projects. I'm also part of a team that maintains and supports several of our maintenance projects.</p>			
EDUCATION (DEGREE AND SPECIALIZATION)			
B.S. Network and Communications Management, DeVry University			
OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Training, Certifications, Awards, etc.)			
<ul style="list-style-type: none"> • Nokia Wavence 18/19 Installation and Test Certification SME • Nokia MDR 8000 SME 	<ul style="list-style-type: none"> • Avigilon Control Center • Fortinet NSE 1, 2, & 3 • Cambium PTP and PMP • SIAE 	<ul style="list-style-type: none"> • Aviat • Juniper • Cisco • Aruba 	
RELEVANT PROJECTS AND WORK EXPERIENCE			
Project Title and Location	Brief Description (Brief scope, size, cost, etc) and Specific Role		
City of Fort Worth Microwave System	<ul style="list-style-type: none"> • Currently upgrading network upgrade of 7705 to remove existing MDR8000 network and add MPR-9500 equipment utilizing PMC's in 7705 and MPR-9500 MPT 		

	<ul style="list-style-type: none"> Completed network expansion into Midlothian and Ellis County Completed upgrade from existing 5620 SAM to NSP Appliance that includes NFP-P, vCPAA, and Analytics Package Monitoring, Testing and troubleshooting end to end network Completed multi-site upgrade of MPLS network to new tower shelters while maintaining network uptime Implement and test new agency sites that require MPLS connectivity to Fort Worth and Irving Core sites
OG&E WiMax Smartgrid Phase 2 and 3	<ul style="list-style-type: none"> Installation of 45+ 3.65 GHz PMP Clusters and 20+ Microwave Links Installed CPEs & SilverSpring Access Points
OG&E WiMax Smartgrid Phase 4-6	<ul style="list-style-type: none"> Installation of 50+ 3.65 GHz PMP Clusters and 25+ Microwave Links Installed CPEs & SilverSpring Access Points
City of Austin, TX Microwave/MPLS Upgrade	<ul style="list-style-type: none"> Designed, Procured, Installed and Tested new 14 link licensed Microwave and MPLS Network to support a new P25 network
Williamson County TX Microwave/MPLS Upgrade	<ul style="list-style-type: none"> Designed, Procured, Installed and Tested new 12 link licensed Microwave and MPLS Network to support a new P25 network
City of Dallas, TX City Hall Wireless Access Point Upgrade	<ul style="list-style-type: none"> Design and Installation of 120+ Cisco Access Points and Cisco Switches
Harris County, TX PTP Installation	<ul style="list-style-type: none"> Design and Installation of 14 Licensed and Unlicensed Cambium PTP Links.

NAME	TITLE	YEARS OF EXPERIENCE	LOCATION - CITY & STATE
Rahul Patel	Network Engineer	10	Plano, TX
WORK SUMMARY			
As a Scientel Solutions Field Technician, Rahul provides field support services and Engineering for client's microwave PTP and PMP radio systems. He also performs configurations and setup for deployment and installations.			
EDUCATION (DEGREE AND SPECIALIZATION)			
B.S. Electrical & Electronics Engineering Technology, Texas Tech University – December 2002			
OTHER PROFESSIONAL QUALIFICATIONS (Organizations, Training, Certifications, Awards, etc.)			

- Nokia Digital Automation Cloud – Installations & Integrations – October 2021
- Nokia Private Wireless Installation Certification – October 2022
- Nokia Wavence 18/19 Installation & Test Technician Certification SME – August 2020
- Cambium Networks PMP 450 Certified June 2022
- Radwin PTP & PTMP Basic – October 2019

RELEVANT PROJECTS AND WORK EXPERIENCE

Project Title and Location	Brief Description (Brief scope, size, cost, etc) and Specific Role
NCTCOG – 911 Emergency Preparedness Redundancy	<ul style="list-style-type: none"> • Configured, bench tested, and staged 120+ Cambium Networks PTP820s units for project deployment • Provided support services for outage sites
Oklahoma Gas & Electric - WiMax System Replacement - Oklahoma	<ul style="list-style-type: none"> • Configured, inventoried, and staged over 150+ RAD PMP Base Station and Subscriber units for project deployment • Surveyed, troubleshot, and optimized reduced coverage sites
City of Ft. Worth, Ft. Worth TX	<ul style="list-style-type: none"> • Provide support services to prevent minimal down-time. • Performs quarterly preventive maintenance and audits on microwave equipment • Train technicians on MDR-8000 microwave equipment
City of Plano, Plano TX	<ul style="list-style-type: none"> • Provides support and maintenance services on 25+ intersection Axis cameras. • Installation, repair, and support of Cambium PMP and PTP microwave equipment • Troubleshoot and repair Dragonwave links
NTWMD- SCADA Systems Update	<ul style="list-style-type: none"> • Configuration and setup of GE MDS SD9 units • Installation and integration of MDS units
CRMWD – Communications Systems Upgrade	<ul style="list-style-type: none"> • Configuration, bench testing of Radwin PTP links • Configuration, bench testing, and installation of Nokia Wavence 19 chassis • Installation of Ground rings per R56 standards

6. Appendix B: FortiCare Bundle Description & Features

Scientel has included the Enterprise Protection Bundle for the 5 Proposed new FortiGate Firewalls.

Enterprise Protection Description:

The Enterprise Protection bundle offers the best value through a comprehensive suite of enterprise-class security features for enterprises and other organizations with more complex environments. The Enterprise Protection bundle builds on the UTP bundle with advanced services to address SaaS application security, data security, and protection for IoT devices as part of a comprehensive attack surface assessment and monitoring service. The Enterprise Protection bundle also includes powerful AI-based inline malware prevention capabilities.

- *Included: UTP + CASB for SaaS application security, data loss prevention (DLP), IoT detection and vulnerability correlation, attack surface monitoring and risk scoring, AI-based inline malware prevention.*
- *Regulatory Compliance: Helps highly-regulated HQ, branch, and campus environments meet compliance*
- *SD-WAN Requirements: Helps where secure SD-WAN is required to meet stringent compliance and data security requirements*

Comparing Bundles				
FortiGuard Security Services	Available A La Carte	Advanced Threat Protection	Unified Threat Protection	Enterprise Protection
Intrusion Prevention System (IPS)	✓	✓	✓	✓
Advanced Malware Protection (AMP)	✓	✓	✓	✓
Antivirus	✓	✓	✓	✓
Botnet	✓	✓	✓	✓
Mobile Malware	✓	✓	✓	✓
Outbreak Prevention	✓	✓	✓	✓
Sandbox SaaS (detection only)	✓	✓	✓	✓
AI-based Inline Malware Prevention	✓			✓
Web Security	✓		✓	✓
Web and Content Filtering	✓		✓	✓
Secure DNS Filtering	✓		✓	✓
Video Filtering	✓		✓	✓
Attack Surface Security Rating	✓			✓
IoT Security	✓			✓
Security Self-check	✓			✓
Inline SaaS Application Security (CASB)	✓	✓	✓	✓
Data Loss Prevention	✓			✓

Response to RFP for Network Infrastructure Upgrades

Proprietary and Confidential

Date 10/28/2024

Village of Homewood
Attn: Richard Wachowski
2020 Chestnut Road
Homewood, Illinois 60430

Dear Mr. Wachowski,

We are pleased and thankful to the Village of Homewood for considering Complex Network Solutions Inc. for your network infrastructure upgrade project. We are honored to have the opportunity to propose our services and demonstrate our commitment to delivering exceptional solutions tailored to meet your specific needs.

This proposal encompasses design/build approach with services and support. Our aim is to deliver a comprehensive solution that not only upgrades your current infrastructure but also provides ongoing management and support to ensure optimal performance and reliability.

Complex Network Solutions, Inc. is located at located at 7747 W. 96th Place, Hickory Hills, IL 60457. A short 30-minute drive from Homewood. I, Eduardo Lopez, will serve as the primary contact for this proposal and can be reached at 312-636-2932 or via email at elopez@complexnetwork.com.

Our team is fully equipped to provide exceptional services and solutions tailored to meet the unique needs of the Village of Homewood. We are enthusiastic about the possibility of working with the Village of Homewood and look forward to the opportunity to discuss this proposal in further detail.

Please do not hesitate to reach out with any questions or for additional information.

Thank you for your consideration.

Sincerely,

Eduardo Lopez

Eduardo Lopez
President/ Network Architect/ Lead Network Engineer
Complex Network Solutions, Inc.

Key Personnel

- Eduardo Lopez – Network Architect /Lead Network Engineer
 - As the Lead Network Engineer, Eduardo Lopez is responsible for overseeing the design, implementation, and maintenance of the company's network infrastructure. This role includes ensuring network security, optimizing performance, and leading a team of engineers to manage and resolve any network-related issues. Eduardo works collaboratively with vendors to support the company's technological needs and strategic goals.

- Hilario Salgado - Network Engineer
 - As a Network Engineer, Hilario Salgado is integral to the maintenance and optimization of the company's network infrastructure. His responsibilities encompass the installation, configuration, and support of essential network hardware, including routers, switches, and firewalls. Hilario is tasked with ensuring the reliability and security of network services, promptly addressing technical issues, and providing expert technical support to staff. In collaboration with the Lead Network Engineer and other team members, Hilario plays a vital role in the continuous development and enhancement of the network architecture to meet the company's dynamic requirements.

- Ruben Rios - Electrical/Low Voltage
 - As an Electrical/Low Voltage Technician, Ruben Rios is tasked with the installation, maintenance, and troubleshooting of low voltage electrical systems. His responsibilities include configuring and servicing systems such as security alarms, fire alarms, access control, and communication networks. Ruben conducts regular inspections to identify and resolve issues and works closely with the network engineering team to integrate low voltage systems with the broader network architecture. Additionally, Ruben focuses on the aesthetics of installations, ensuring that all systems are not only functional but also visually appealing. His expertise in low voltage technology is critical to maintaining the efficiency and security of the company's operational infrastructure.

Project Methodology

Our approach for the network infrastructure upgrade involves a detailed assessment of the current system, followed by careful planning and execution phases designed to minimize customer downtime and enhance performance.

We collaborate with our clients and leading vendors to ensure that our designs incorporate the highest standards and best practices in the industry.

Knowledge and Experience

Our firm has been at the forefront of network infrastructure solutions for over two decades. We have successfully completed numerous projects across various industries, including healthcare, education, and government sectors. Our extensive portfolio demonstrates our capability to design, implement, and manage complex network systems tailored to meet the unique challenges faced by our clients. Below are a few examples.

- Calumet City Police Department – Upgraded network hardware, created new IP scheme, integrated to existing system, upgraded video surveillance and access control. Integration of pole mounted cameras with network via firewalls and VPN.
- McCormick Place – Upgraded network for West building, integrated to existing network cleaning up IP scheme.
- Illinois Sports Facilities Authority – Design and implementation of new network, Upgrade of video surveillance and access control systems. On going maintenance for 10 years.
- 1111 Wabash Condo Association – Installation of a network with a video surveillance network.
- Chicago White Sox – Core network upgrade and support including migration of all IDFs.

Scope of Work

The initial scope of work will be determined based on the information gathered during a walkthrough and subsequent communication with Richard Wachowski.

We propose a phased approach to ensure the most efficient and cost-effective execution of the project. Comprehensive support will be provided throughout all phases, billed at time and material rates according to our standard hourly rates and terms. First level troubleshooting will be by onsite staff.

Part 1. Discovery – During this phase we will discover the network, IP scheme, network ingress and egress points and create documentation.

Part 2. Internet Redundancy – During this phase we will create and execute a plan for network redundancy to avoid single outages affecting the entire flat network.

Part 3. Design/Build – In this phase, we will undertake the comprehensive design of the network across all buildings. This will include selecting a hardware vendor, assembling a bill of materials, creating network segmentation, updating IP schemes, and planning for redundancy.

Part 4. Install - Following the completion of the design phase, we will proceed with the procurement, migration, installation, and configuration of the network. Please note, this phase cannot be quoted until the hardware and logistical requirements are fully understood. Therefore, this stage will be quoted after the successful completion of the previous three phases.



Estimated Pricing/Cost

For support rates, please refer to the current General Rates and Terms.

Part 1. Discovery -	\$10,800
Part 2. Internet Redundancy includes firewalls.	\$40,000
Part 3. Design/Build	\$21,000
Part 4. Install – TBD	
Total Cost excluding Install.....	\$71,800

Exclusions:

- Permits are the responsibility of the customer.
- Patching and painting are out of scope but can be quoted if requested.
- Electrical and conduit runs are out of scope but can be quoted by a trusted third party.

Payment Terms:

- Monthly per service rendered.
- Hardware Invoice to be submitted once the hardware has been ordered.



ACCEPTANCE OF AGREEMENT:

The above prices, specifications and conditions are hereby accepted. The Company is authorized to execute the project as outlined in this Agreement. Payment will be made as proposed above.

Customer: Village of Homewood

By: _____

Title: _____

Date signed: _____

Complex Network Solutions Inc

By: _____

Title: _____

Date signed: _____

General Rates and Terms

Current Hourly Rates:

Description	Rates per Hour	Date and Time
Principal Lead Consultant/Architect	\$175 Per Hour	Mon thru Fri 7am – 7pm Sat 7am – 4pm
Network / Technical Support	\$150 Per Hour	Mon thru Fri 7am – 7pm Sat 7am – 4pm
Installation/Field Technician	\$135 Per Hour	Mon thru Fri 7am – 7pm Sat 7am – 4pm
Electrician	\$165 Per Hour	Mon thru Fri 7am – 4pm
Administrative/Back Office	\$80 Per Hour	Mon thru Fri 7am – 7pm Sat 7am – 4pm
Time and One Half	Based on role	Mon thru Sat 5pm – 7am
Double Time	Based on role	Sat – Sun 4pm – 7am + Holidays

Notes:

1. Time is billed in 4-hour increments when dispatched after hours. Time is billed in 1 hour increments after initial 4 hours.
2. Time is billed portal to portal during emergency calls. Scheduled, time begins upon arrival.
3. Rates subject to change annually

 **Complex Network**
SOLUTIONS
7747 W. 96th Place
Hickory Hills, IL 60457
Main 708-233-6222 Fax 708-233-6519
info@complexnetwork.com

Rates and Terms
01/01/2024

4. Complex Network Solutions Inc is available 24/7 for emergency needs. If requiring support and require service after regular hours, please email support@complexnetwork.com
5. Overtime rates may not apply to customers with support contracts.

October 28, 2024

Village of Homewood
Attn: Rick Richard Wachowski
rwachowski@homewoodil.gov
2020 Chestnut
Homewood, IL 60430

Dear Rick,

We at All Information Services, Inc. are pleased to submit our proposal in response to your Request for Proposal (RFP) for Network Infrastructure Upgrades. We understand the critical nature of deploying and maintaining robust and secure network systems, and we are excited about the opportunity to partner with Village of Homewood in fortifying your network infrastructure across your six sites. Your RFP outlines the need for comprehensive upgrades to your network infrastructure, specifically focusing on deploying advanced firewall systems at five key locations. From our discussion we recognize that these sites require high availability to ensure uninterrupted operations and enhanced security. Our team is poised to deliver on these needs with precision and efficiency, ensuring that your network remains secure, efficient, and scalable. All Information Services, Inc. brings a wealth of expertise in network infrastructure development and management. Our proven track record includes successful deployments of cutting-edge network security solutions across multiple industries. Our team of professionals specializes in designing and implementing high-performance network systems that prioritize security and reliability. What sets us apart is our dedication to customized solutions tailored specifically to our clients' unique operational environments, ensuring maximum performance and value for investment. Furthermore, our commitment to exceptional customer support and service means that Village of Homewood can rely on us for ongoing support and guidance post-deployment. We understand the dynamic nature of IT environments and stand ready to adapt and innovate alongside your evolving needs. Thank you for considering All Information Services, Inc. as your trusted partner for this important project. We are eager to bring our expertise to Village of Homewood and contribute to the fortification of your network infrastructure. Please feel free to reach out to us with any questions or for further discussions. We look forward to the possibility of working together and are excited about the potential this project holds for both our organizations.

Sincerely,

Eric Montgomery
Senior Account Manager
All Information Services, Inc
emontgomery@aislabs.com
630.626.8616

Summary of Knowledge and Experience

We are pleased to present this letter outlining the extensive knowledge and experience of our IT consulting and network solution design team. At AIS Labs, we take pride in our ability to deliver cutting-edge solutions tailored to meet the unique needs of both government and commercial infrastructure projects.

Team Expertise

Our assigned team brings a wealth of experience to your project, with a combined 45 years of expertise in IT consulting and network solution design. This extensive background spans across various sectors, including government agencies and commercial enterprises, giving us a comprehensive understanding of diverse infrastructure requirements and challenges.

Summary of Experience

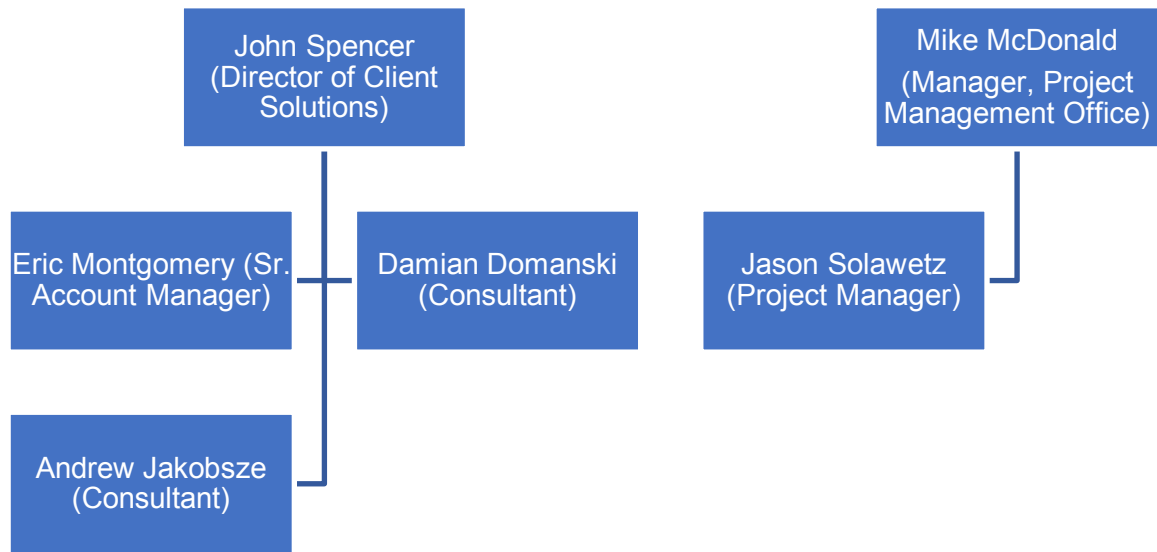
1. **The team's collective experience is characterized by: Diverse Project Portfolio:** Our consultants have successfully completed numerous network refreshes, ranging from small-scale upgrades to large-scale overhauls. This variety has honed our ability to adapt to different project scopes and complexities.
2. **Vendor-Agnostic Approach:** Through countless successful network refreshes, we have gained proficiency in utilizing hardware from various vendors. This versatility allows us to recommend and implement the most suitable solutions for each unique client environment.
3. **Government and Commercial Expertise:** Our experience working with both government and commercial clients has given us invaluable insights into the specific requirements, regulations, and best practices for each sector.
4. **Proven Track Record:** The team has consistently delivered successful outcomes, meeting and often exceeding client expectations. Our history of completing projects on time and within budget speaks to our efficiency and reliability.
5. **Continuous Learning:** In an ever-evolving field, our team remains at the forefront of technological advancements through ongoing training and certifications.

Project Highlights

- Some notable achievements of our team include:
 - Successful implementation of a large-scale network refresh for a healthcare organization, involving over 50 firewalls, routers, switches and access points across 9 sites
 - Successfully moved city hall and police department physical locations for municipal client over a 48-hour period, with zero hours of downtime for police department and 4 hours of down time for city hall.

Our team's extensive experience, combined with our commitment to adapt, innovate and succeed positions us uniquely to address your specific IT consulting and network solution design needs. We look forward to the opportunity to bring our expertise to your project and deliver outstanding results.

Village of Homewood Assigned Personnel



Project Methodology

Preparation Phase

1. Define Project Scope and Objectives
 - Document the need to replace 5 firewalls
 - Outline QoS implementation requirements
 - Specify goals for inter-VLAN access control
2. Stakeholder Identification
 - Identify key stakeholders (IT management, security team, network administrators)
 - Establish communication channels and reporting structure
3. Resource Assessment
 - Evaluate current network infrastructure
 - Assess available personnel and their skill sets

Planning Phase

1. Requirements Gathering
 - Collect detailed requirements for new firewalls
 - Define QoS policies and priorities
 - Specify inter-VLAN access control requirements
2. Current Network Analysis
 - Perform a thorough audit of existing firewall configurations
 - Analyze current traffic patterns and bandwidth utilization
 - Review existing VLAN structure and access rules
3. Risk Assessment
 - Identify potential risks and challenges
 - Develop mitigation strategies
4. Project Timeline
 - Create a detailed project schedule
 - Set milestones and deadlines

Design Phase

1. Firewall Selection

- Research and select appropriate firewall models
- Ensure compatibility with existing infrastructure

2. QoS Design

- Develop QoS policies based on traffic analysis
- Design QoS classification and queuing strategies

3. Inter-VLAN Access Control

- Design new VLAN structure if necessary
- Create detailed access control lists (ACLs)

4. Network Topology Design

- Create network diagrams showing new firewall placement
- Design traffic flow patterns incorporating QoS and inter-VLAN rules

5. Testing Plan

- Develop a comprehensive testing strategy on a per site basis
- Create test cases for firewall functionality, QoS, and inter-VLAN access

Implementation Phase

1. Procurement

- Order new firewall hardware
- Acquire any necessary software licenses

2. Staging and Configuration

- Set up new firewalls in a staging environment
- Configure QoS policies and inter-VLAN access rules
- Perform initial testing

3. Deployment Plan

- Create a detailed cutover plan
- Schedule maintenance windows for each firewall replacement

4. Execution

- Replace firewalls according to the deployment plan
- Implement QoS policies on network devices
- Apply inter-VLAN access rules

5. Testing and Verification

- Conduct thorough testing of all implemented changes
- Verify QoS effectiveness and inter-VLAN access control

Operation Phase

1. Monitoring

- Implement monitoring tools for new firewalls
- Set up alerts for QoS violations and unauthorized access attempts

2. Documentation

- Update network diagrams and configuration documentation
- Create standard operating procedures for the new environment

3. Training

- Provide training to IT staff on new firewall management
- Educate users on any changes affecting their network usage

Optimization Phase

1. Performance Analysis

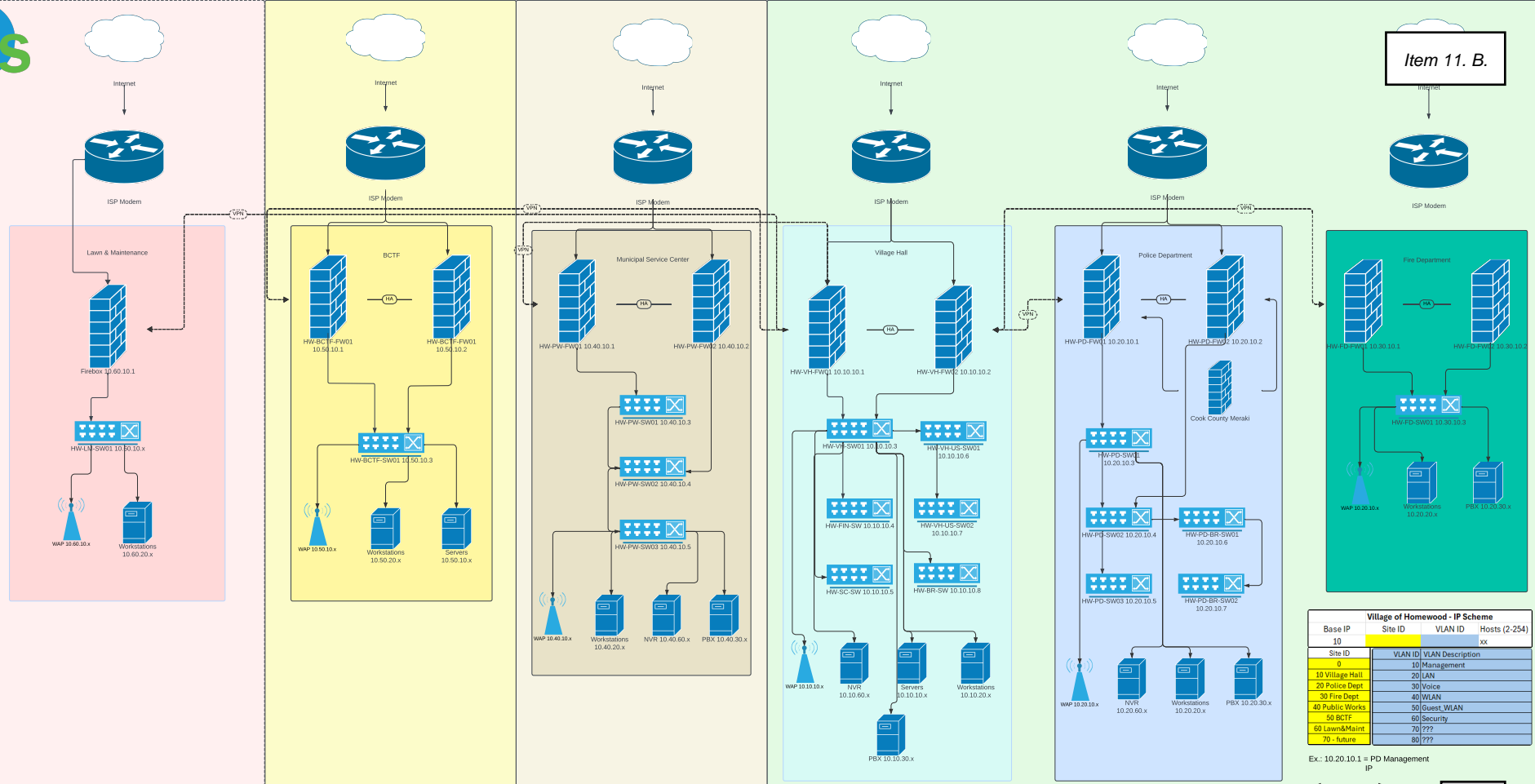
- Analyze network performance post-implementation
- Identify any bottlenecks or issues

2. Fine-tuning

- Adjust QoS policies based on real-world performance
- Refine inter-VLAN access rules as needed

3. Continuous Improvement

- Establish a process for ongoing optimization
- Schedule regular reviews of firewall rules and QoS policies

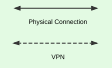


Item 11. B.

Village of Homewood - IP Scheme

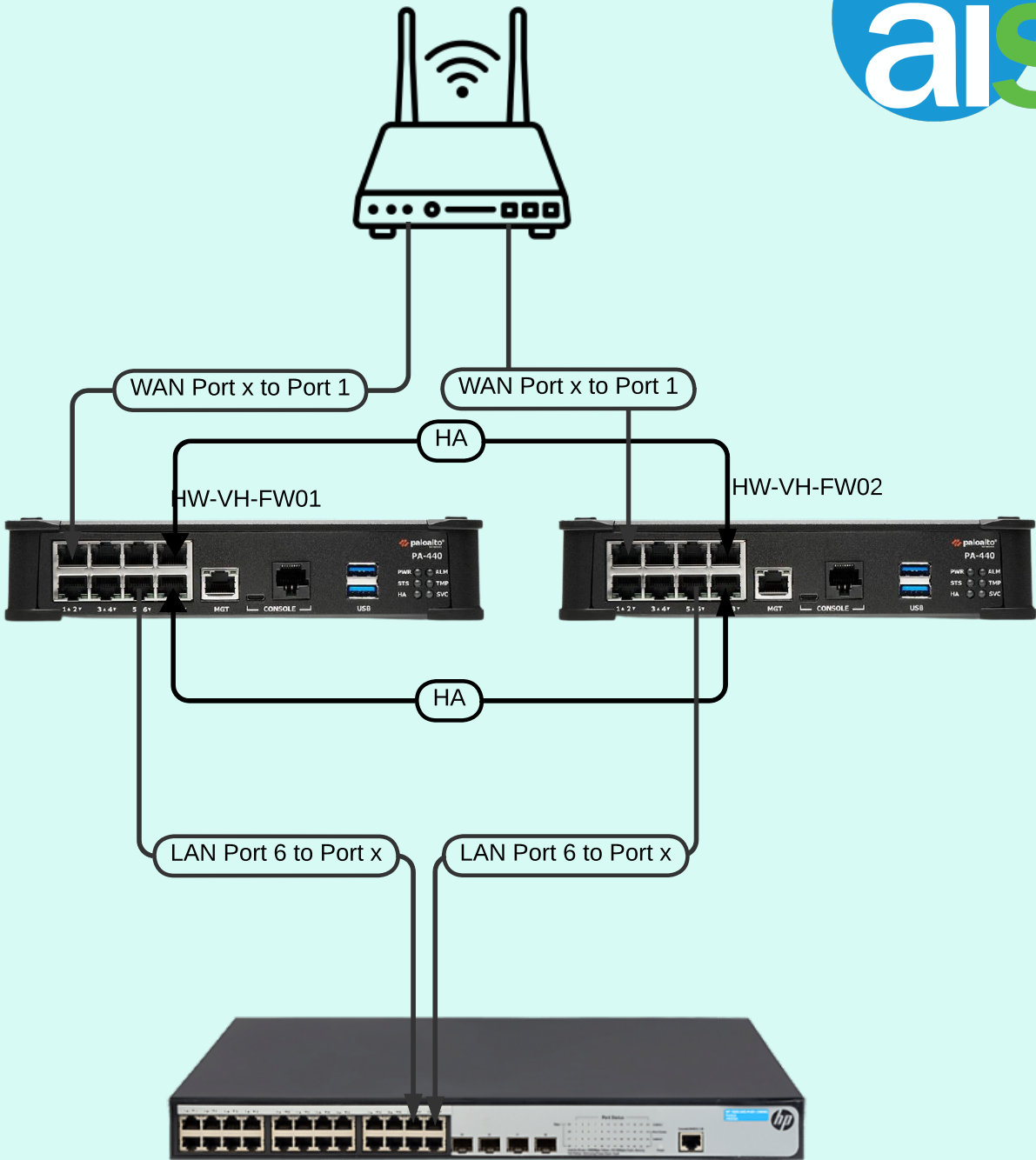
Base IP	Site ID	VLAN ID	VLAN Description	Hosts (2-254)
10	10	xx	xx	xx
0	10	10	Management	
10	Village Hall	20	LAN	
20	Police Dept	30	Voice	
30	Fire Dept	40	WLAN	
40	Public Works	50	Guest WLAN	
50	BCTF	60	Security	
60	Lawn&Maint	70	???	
70	future	80	???	

Ex.: 10.20.10.1 = PD Management IP



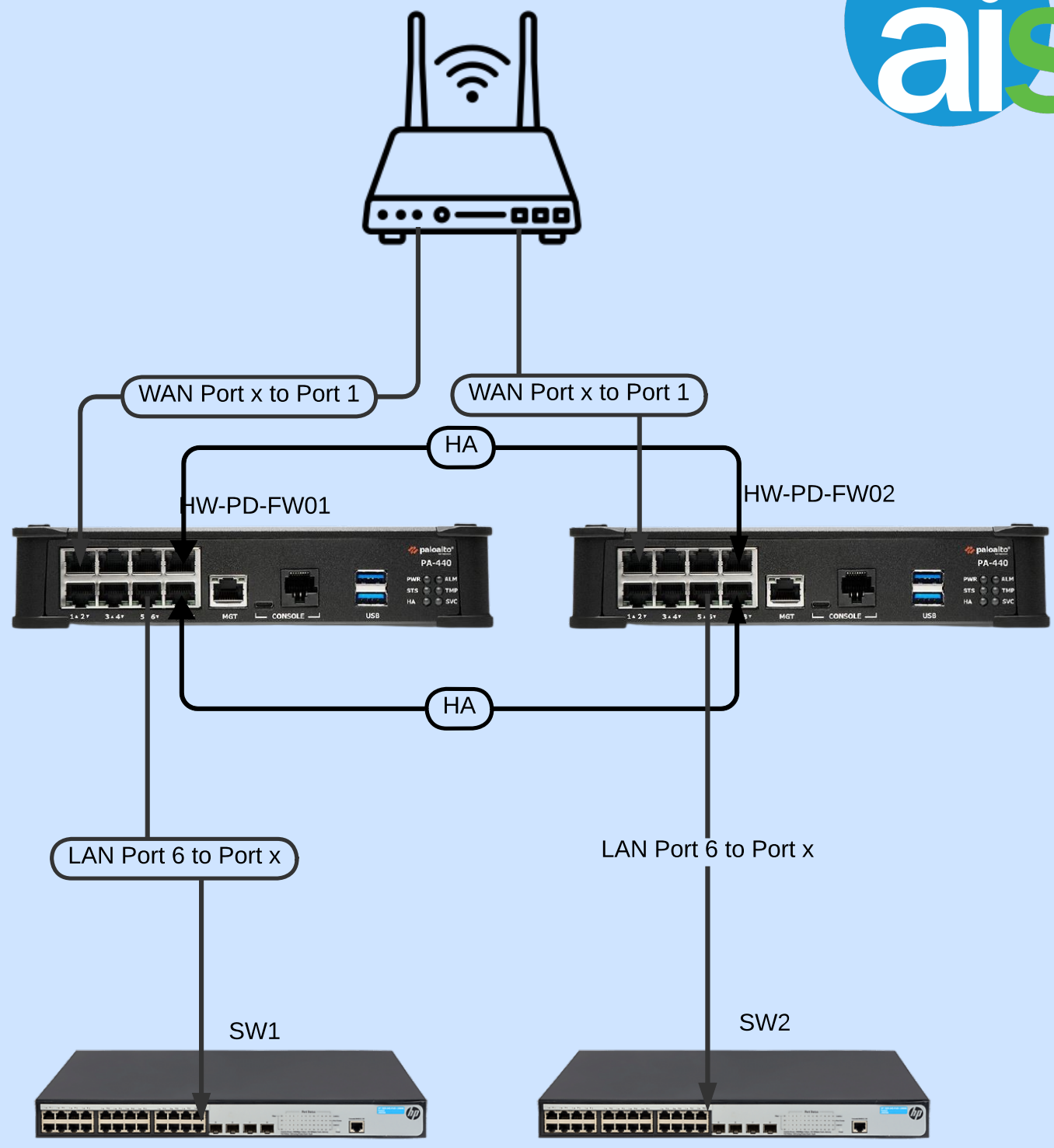


Village Hall



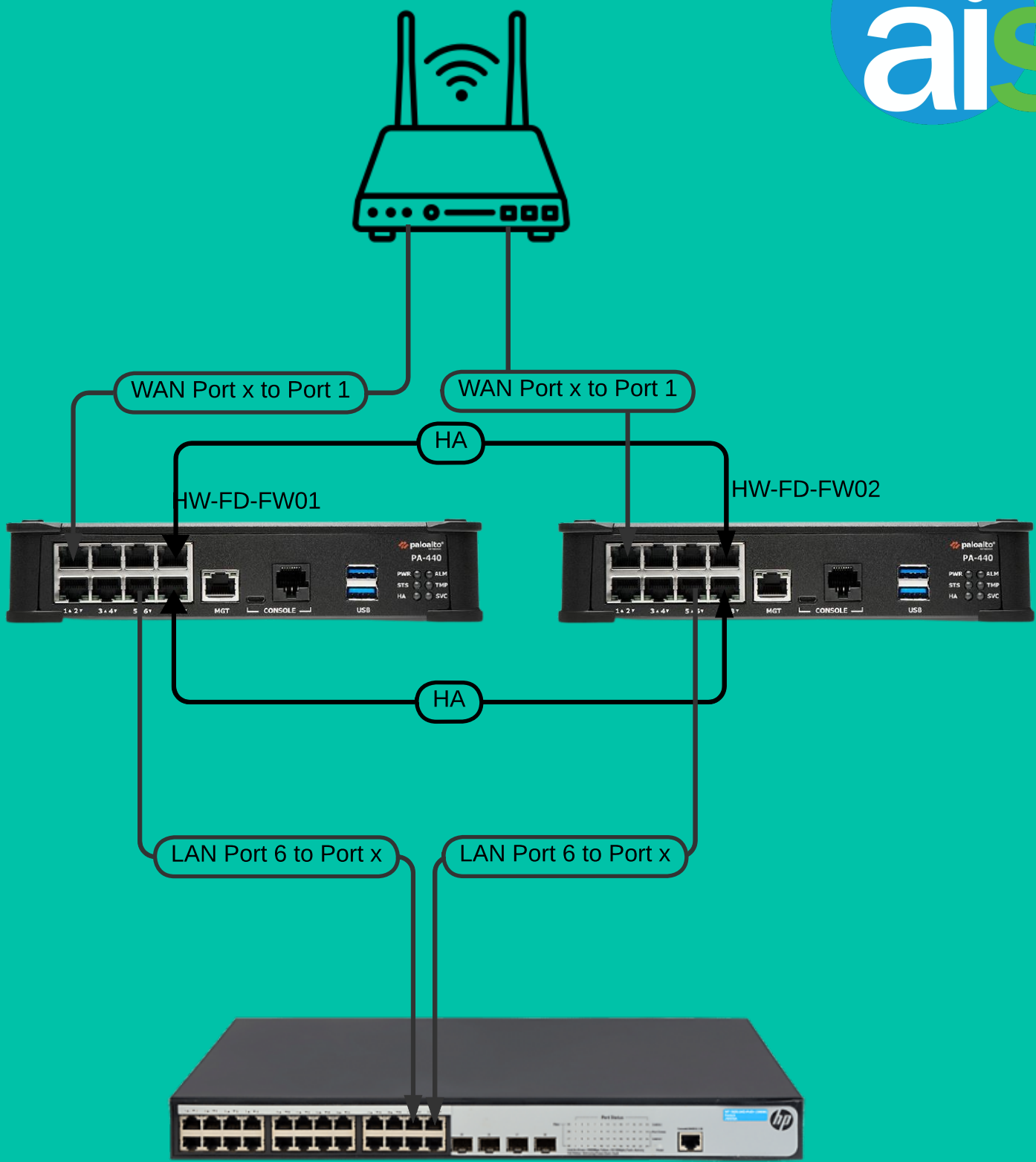


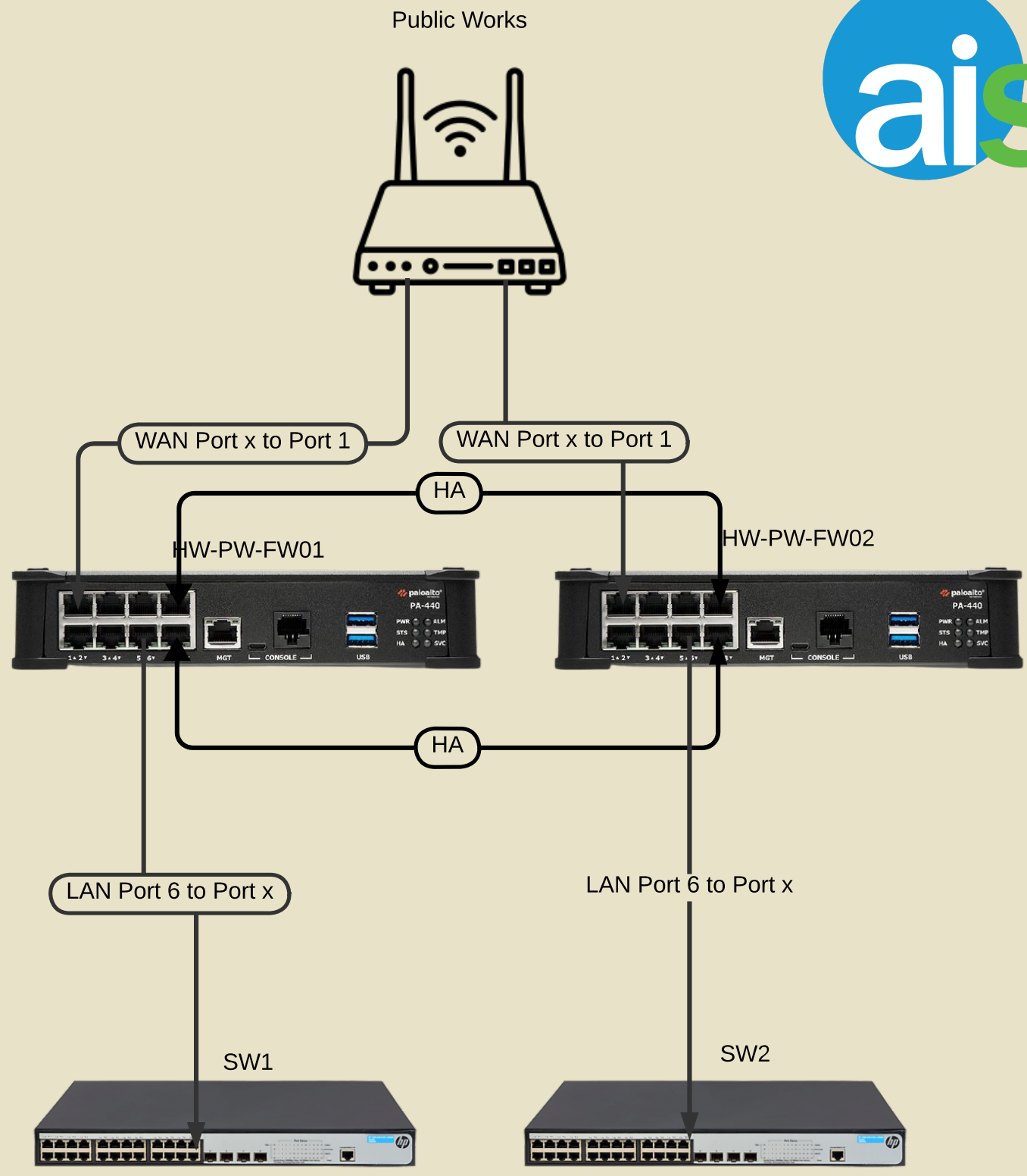
Police Department





Fire Department





Budget

Phase Description	Hours	Rate	Subtotal	Expenses	Total
Discovery and Direction	58	\$200	\$11,600.00	\$0.00	\$11,600.00
Equipment Cost Purchase Price	N/A	N/A	\$15,401.25	\$400.00	\$15,801.25
Implementation	342.50	Varies (See Engagement Summary, pg. 4 of Scope of Work)	\$38,017.50	N/A	\$38,017.50
Annual License	N/A	1 - Year	\$10,201.80	\$490.06	\$10,681.86
Project Total Cost	400.50	Varies	\$75,220.55	\$890.06	\$76,100.61

Schedule*

Week 0 – November 18, 2024 – Account Setup and Invoice Scheduling Phase

Week 1 – December 2, 2024 – Preparation and Planning Phase

Week 2 – December 9, 2024 – Design Phase

Week 4 – December 23, 2024 – Implementation and Operation Phase

Week 9 – January 20, 2025 – Optimization Phase

Week 10 – January 27, 2025 – Project Closure and Final Project Payment

**Current schedule is tentative and pending approval from both the IT Department and the Executive Team. As such, the dates are subject to change based on City events and ongoing initiatives. Potential delays may arise due to unforeseen circumstances such as technical glitches, resource availability, or adjustments in project scope. AIS is not responsible for any delays resulting from these factors or any other unforeseen events. We appreciate your understanding and cooperation as we work to finalize the schedule.*

References

Village of Frankfort

432 W Nebraska St
Frankfort, IL 60423
John Burica - Assistant Village Administrator
815-469-2177
jburica@frankfortil.org

Summary of Service: AIS proactively monitors all Village locations including all firewalls/intrusion detection systems, servers and desktops. We also provide IT staff augmentation services and IT consulting on an as-needed basis through our Support Technicians and Network Engineers. In addition, we provide a Backup / Disaster Recovery solution. A client for 10 years, 9 servers and 60 desktops Village wide.

Village of La Grange Park

447 N. Catherine Ave
Lagrange Park, IL 60526
Julia Cedillo – Village Manager
708-354-0225
jcedillo@lagrangepark.org

Summary of Service: AIS provides IT Help Desk, remote and onsite support as needed. Other IT project work is handled by AIS on an as-needed basis. In addition, we provide a Backup / Disaster Recovery solution and a CJIS compliance system, for logging, auditing and alerting. A client for 17 years, 10 servers and 55 desktops, plus PD and FD MDTs as needed.

City of Darien

1702 Plainfield Road
Darien, IL 60561
Lisa Klemm – Assistant to the City Administrator
630-353-8104
lklemm@darienil.gov

Summary of Service: AIS proactively monitors all Village locations including all firewalls/intrusion detection systems, servers and desktops. We also provide IT staff augmentation services and IT consulting using reoccurring monthly block hours. In addition, we provide a Backup / Disaster Recovery solution and a CJIS compliance system, for logging, auditing and alerting. A client for 11 years, 7 servers and 90 desktops, including PD MDTs.

City of Crest Hill

20600 City Center Blvd
Crest Hill, IL 60403
Anton "Tony" L. Graff – Interim City Administrator
815-741-5100 ext.238
agraff@cityofcresthill.com

Summary of Service: AIS proactively monitors all City locations including all firewalls/intrusion detection systems, servers and desktops. We also provide IT staff augmentation services and IT consulting using reoccurring monthly block hours. In addition, we provide a Backup / Disaster Recovery solution and a CJIS compliance system, for logging, auditing and alerting. A client for 2 years, 18 servers and 95 computers, including PD MDTs.

Pillars Community Health

5220 S East Avenue
Countryside, IL 60525
Ken Muhr – Vice President of Information Systems and Technology
815-955-5688
kmuhr@pchcares.org

Summary of Service: AIS proactively monitors all sites including all firewalls/intrusion detection systems, servers and desktops. We also provide help desk support and IT consulting using reoccurring monthly block hours. In addition, we provide a Backup / Disaster Recovery solution for logging, auditing and alerting. AIS designed and implemented network infrastructure migrating from Barracuda to Palo Alto solution. A client for 6 years, 23 servers and 422 computers

UI Solutions Group

150 N. Riverside Plaza, Ste 5100
Chicago, IL 60606
Tara Goldsby – Manager, HR & Administration
312-580-6200
tgoldsby@uisg.com

Summary of Service: AIS proactively monitors network including all firewalls/intrusion detection systems, servers and desktops. We also provide IT staff augmentation services and IT consulting using reoccurring monthly block hours. AIS designed and implemented network infrastructure migrating for office move from Fortinet to Cisco solution. A client for 8 years, 9 servers and 196 computers

George Allen Construction

9930 W. 190th St., Ste. A
Mokena, IL 60448
Crystal Terzick – Project Manager Assistant
815-370-2280
crystal@georgeallenconstruction.com

Summary of Service: AIS proactively monitors all sites including all firewalls/intrusion detection systems, servers and desktops. We also provide IT staff augmentation services and IT consulting using reoccurring monthly block hours. In addition, we provide a Backup / Disaster Recovery solution for logging, auditing and alerting. AIS designed and implemented network infrastructure migrating from Cisco to Palo Alto solution. A client for 3 years, 3 servers and 61 computers

Network Infrastructure upgrades

Engagement Scope of Work For:

Customer	Village of Homewood
Engagement	Network Infrastructure upgrades
Location	2020 Chestnut Rd, Homewood, IL 60430
Effective Date	10-28-2024
Created By	Eric Montgomery
Version	1
Start Date	December 2, 2024
End Date	January 27, 2025

Proposal Outline

All Information Services, Inc. (AIS) appreciates the opportunity to provide your organization with the following technology solutions proposal. It has been designed to meet your operating requirements with engagements structured to properly set and manage expectations.

Scope of Work

Engagement Overview

Provider will provide resources for the duration of the project in which Engineers, Consultant, or Project Manager will assist with various IT tasks outlined this Project Scope. During this time, the Engineers, Consultant, or Project Manager will work closely with Customer staff.

Implementation Summary

IT Project Management

- Standard Project Management - 40 Hours
- Project Onboarding - 2.75 Hours

Network Solution Design

- Discovery and Direction
- Baseline Multi-Site

Firewall Implementation Non-AIS Managed

- Firewall Implementation - Baseline - 5 Sites
- Firewall Implementation - Add-on for Night Weekend Cutover - 5 Locations
- Firewall Implementation - Add-on for Site-to-site VPN - 5 Tunnels
- Firewall Implementation - Add-on IDS IPS - 1 Project
- Firewall Implementation - Add-on for High Availability Failover - 5 Firewall Pairs

Provider Responsibilities

AIS is responsible for the following:

Design Phase

1. Firewall Selection
 - Research and select appropriate firewall models
 - Ensure compatibility with existing infrastructure
2. QoS Design
 - Develop QoS policies based on traffic analysis
 - Design QoS classification and queuing strategies
3. Inter-VLAN Access Control
 - Design new VLAN structure if necessary
 - Create detailed access control lists (ACLs)
4. Network Topology Design
 - Create network diagrams showing new firewall placement
 - Design traffic flow patterns incorporating QoS and inter-VLAN rules
5. Testing Plan
 - Develop a comprehensive testing strategy on a per site basis
 - Create test cases for firewall functionality, QoS, and inter-VLAN access

Implementation Phase

1. Procurement
 - Order new firewall hardware
 - Acquire any necessary software licenses
2. Staging and Configuration
 - Set up new firewalls in a staging environment
 - Configure QoS policies and inter-VLAN access rules
 - Perform initial testing
3. Deployment Plan
 - Create a detailed cutover plan
 - Schedule maintenance windows for each firewall replacement
4. Execution
 - Replace firewalls according to the deployment plan
 - Implement QoS policies on network devices
 - Apply inter-VLAN access rules
5. Testing and Verification
 - Conduct thorough testing of all implemented changes
 - Verify QoS effectiveness and inter-VLAN access control

Operation Phase

1. Monitoring
 - Implement monitoring tools for new firewalls
 - Set up alerts for QoS violations and unauthorized access attempts
2. Documentation
 - Update network diagrams and configuration documentation
 - Create standard operating procedures for the new environment
3. Training
 - Provide training to IT staff on new firewall management
 - Educate users on any changes affecting their network usage

Optimization Phase

1. Performance Analysis
 - Analyze network performance post-implementation
 - Identify any bottlenecks or issues
2. Fine-tuning
 - Adjust QoS policies based on real-world performance
 - Refine inter-VLAN access rules as needed
3. Continuous Improvement
 - Establish a process for ongoing optimization
 - Schedule regular reviews of firewall rules and QoS policies

Customer Responsibilities

Village of Homewood is responsible for the following:

- Provide all Customer Required Documentation

Project Assumptions

- These hours are estimates. Any overages will be billed separately
- Device on other side supports compatible VPN protocol

Out of Scope

Tasks outside this SOW include, but are not limited to:

- Any work not explicitly stated in the SOW is considered not in scope and may require a change order.

Engagement Summary

One Time Items			
Labor			Total
IT Project Management			
Task	Tier	Est. Hours	Total
Standard Project Management	Project Manager	40	\$6,800.00
Project Onboarding	Project Manager	2.75	\$467.50
Network Solution Design			
Task	Tier	Est. Hours	Total
Discovery and Direction	Consultant	8	\$1,600.00
Baseline Multi-Site	Consultant	50	\$10,000.00
Firewall Implementation Non-AIS Managed			
Task	Tier	Est. Hours	Total
Firewall Implementation - Baseline	Tier 3	125	\$18,750.00
Firewall Implementation - Add-on for Night Weekend Cutover	After Hours	15	\$3,750.00
Firewall Implementation - Add-on for Site-to-site VPN	Tier 3	25	\$3,750.00
Firewall Implementation - Add-on IDS IPS	Tier 3	5	\$750.00
Firewall Implementation - Add-on for High Availability Failover	Tier 3	25	\$3,750.00
Labor Total		295.75	\$49,617.50
Product	Unit Price	Quantity	Total
Palo Alto Networks Core Security Subscription Bundle Advanced Threat Prevention - 1 Year	\$749.25	10	\$7,492.50
Palo Alto Firewall PA-440	\$1,313.50	10	\$13,135.00
Palo Alto - power adapter - 50 Watt	\$129.50	10	\$1,295.00
Palo Alto Rack Mountable Tray	\$194.25	5	\$971.25
Palo Alto Networks Premium Support - extended service agreement - 1 year	\$270.93	10	\$2,709.30
Project Misc. Hardware - Estimate	\$400.00	1	\$400.00
Product Total (Less Tax)			\$26,003.05
OneTime Total (Less Tax)			\$75,620.55

Service Fees - Milestones

Project Milestones	Fees
Project Kickoff	\$24,808.75
Project Completion	\$24,808.75
One-Time Hardware + Service Setup Fees	\$26,003.05
Grand Total (Less Tax)	\$75,620.55

Services Fees will be calculated according to the Engagement Service Fee Tables. Down Payment amount is the sum of the one-time and first period of recurring amounts listed in the Engagement Pricing Summary. Quote pricing is valid until 21 Nov 2024.

To approve this proposal and the Scope of Work, please sign, date and return with the required down-payment noted above (if required). Payments should note your CLIENT PO or Internal PO. Please contact billing@aislabs.com for alternate forms of payment.

If an invoice is required for this down-payment, please let us know. Once AIS receives the signed copy and the down-payment are received, work will begin.

Authorizing Name: _____

Authorizing Signature: _____

Date: _____

Client PO (Optional): _____

Terms and Conditions

Fixed Price

Resource	Resource Rate
Tier 1 Technician – Per Hour	\$100.00
Tier 2 Technician – Per Hour	\$135.00
Tier 3 Technician – Per Hour	\$150.00
Infrastructure Engineer – Per Hour	\$110.00
Project Management – Per Hour	\$170.00
Principal Consultant – Per Hour	\$200.00
After-Hours Work – Per Hour	\$250.00

Fixed Price Engagement is based upon:

- Project Kickoff will be scheduled within 5 business days of Provider receiving initial payment.
- Project work will start within 2 weeks from date of Project Kickoff
- Hours are Billed in quarter-hour 0.25 increments for any and all time worked by provider
- Hourly Rate for each resource is outlined as follows for remote and on-site services performed 8:30AM-5PM Central Time Zone on business days:
- On-site visits to locations within fifty (50) miles of Provider offices are to be scheduled inclusive of travel time
- On-site visits to locations more than fifty (50) miles of Provider office will require Out of Scope Travel Expenses
- Provider will follow up with client on status and upcoming requests at least monthly and Hours will be Billed accordingly

General Terms and Conditions

All quotes are subject to availability. All timelines are estimates to the best of our judgement until the approval method requirements are met from above. Any additional labor or materials which are out of scope and not listed in this scope will be executed, procured, and billed, in addition, to the quote as separate items based upon the client's approval. Equipment is warranted by their respective manufacturers.

Engagement Kickoff Meeting will be scheduled within five (5) business days of receiving the required Down-Payment or Purchase Order. Project Work Start will be at least two (2) weeks from date of Project Kickoff.

Down-payment amounts are determined by the equipment and/or labor needs, the client's history of Days Sales Outstanding (DSO) and/or history with AIS, Inc. of any kind. After the initial down-payment (if required), you will be billed upon any completion of agreed milestones or when the scope of work is completed. These bill(s) will be 'DUE UPON RECEIPT.' Any Service Fees that are marked as an 'ESTIMATE,' will be billed in actual time at milestones noted in the proposal, or when work is complete. Overdue invoices shall be subject to a monthly interest charge. In addition, the customer shall reimburse all costs and expenses for attorney fees incurred in the collecting of any amounts past due.

Projects lasting longer than one month will include monthly progress billing.

Additional Terms and Conditions are listed here: <https://aislabs.com/pricing/terms-conditions/>

AIS does provide Fair-Market-Value and \$1 buy out financing. Please reach out to your AIS representative if you wish explore these options.

Scope of Work – Optional

Engagement Overview - Optional

This section will contain information on possible Products and Services that AIS can provide to further assist with this Scope of Work. These prices and quantities are estimations, if you would like further details, please discuss further with your AIS representative.

Implementation Summary - Optional

One Time Items			
Product	Unit Price	Quantity	Total
Palo Alto Global Protect - 1 year license	\$245.03	2	\$490.06
Product Total (Less Tax)			\$490.06
OneTime Total (Less Tax)			\$490.06

Village of Homewood

REQUEST FOR PROPOSALS

For Network Infrastructure Upgrades



**RFP Submittals Are
Due Monday, October 28, 2024 by 5:00 p.m.**

Submit One Original or One Electronic Copy to:

Village of Homewood
ATTN: Richard Wachowski
2020 Chestnut Road
Homewood, Illinois 60430

Electronic copies to: rwachowski@homewoodil.gov

For Questions Contact: Richard Wachowski, I.T. Manager
rwachowski@homewoodil.gov or (708) 206-3379

**This RFP is posted on the Village of Homewood website at:
www.homesweethomewood.com**

October 1, 2024

Re: Request for Proposals for Network Infrastructure

Dear Technology Vendor:

The Village of Homewood is seeking Technology Vendor to provide proposals to perform a complete network infrastructure upgrades for the Village of Homewood. The scope of services, contract length, and other information is outlined in the enclosed document.

Proposal instructions are contained in the Request for Proposals (RFP) document. Please provide the requested information in the prescribed written format. Failure to comply with the prescribed format may result in disqualification.

Inquiries: All inquiries or questions regarding this RFP must be received no later than 5:00 PM, Friday, October 4, 2024 via email. Questions received after this deadline will not be accepted.

Responses: Responses to the inquiries will be sent to all participating consulting firms and will be displayed publicly at Village Hall and at www.homesweethomewood.com

Printed & Email Proposals Due: copies of the original proposal must be received no later than 5:00 PM, October 21, 2024: Feel free to also submit digital copies of the proposal in addition to the printed proposals. Please include an email contact when submitting either.

Village of Homewood
Attn: Rick Richard Wachowski
rwachowski@homewoodil.gov
2020 Chestnut
Homewood, IL 60430

Staff Committee Review: The following Village staff is expected to review the proposals and make a final recommendation to the Village Board: Village Manager, Assistant Village Manager, Information Technology Manager, and Finance Director.

Thank you for your interest and participation. We look forward to reviewing your proposal.

Sincerely,



Terence Acquah, MPA
Assistant Village Manager

REQUEST FOR PROPOSALS

For Network Infrastructure Upgrades

I. Summary

The Village of Homewood, Illinois invites qualified providers to submit a proposal and statement of qualifications for responsive and professional information technology services. This request for proposals (RFP) is specifically targeted to solicit proven and established information technology and business information system groups. The purpose for this Request for Proposal (RFP) is to solicit proposals from qualified Vendors to perform a complete Network Infrastructure upgrade for the Village of Homewood. The Village is seeking proposals that includes all elements of the design, build, install, provisioning and some aspects of the technical support for the wide area information network that connects all Village offices.

The Village has five critical facilities that should be assessed Village Hall, Police Station, Fire Station, Municipal Service Center (Public Works Facility) and the Brian Carey Training Center (Emergency Operations Center–EOC). The objective of this project is to assess the facilities' current network capacity and recommend a new firewall and network design changes to meet future expansions.

Technology Description

The Village of Homewood is located in southern Cook County and has a population of 19,868. The Village understands that an effective technology infrastructure is key to our continued progression. A network assessment was completed in 2015 which resulted in the creation of a 5 year strategic plan document and a network diagram that will be made available to the chosen firm.

Description of Network and Hardware

1. General Technology

- *Single domain LAN/WAN Infrastructure spanning 5 municipal buildings*
- *Mix of 17 Physical and VMware Virtual Servers running Windows Server 2012-2019*
- *HP POE managed switches (Layer 3)*
- *Approximately 80 user workstations running Windows 7 Professional*
- *25 in-car laptop installs running Windows 10 Professional*
- *Cisco ASA Firewalls (4)*
- *Aruba Instant A/P wireless in all municipal buildings*
- *Mitel 3300 IP phone system*
- *Multiple networked copy machines and printers*

2. Specialized Software

- *Environmental Systems Research Institute (ESRI) GIS*
- *Laser Fiche Document Scanning*
- *Supervisory control and data acquisition (SCADA) – upgraded September 2017 to private cloud*
- *Dude Solutions – Public Works - Work Order Management Software*
- *Microsoft Office Suite – 2016*
- *Civic Systems Financial Solution - upgraded 2018*

3. Server Software

- *Crowd Strike EDR solution*

- *Outlook Web Access*
- *Remote Desktop Services*
- *Quest Rapid Recovery Backup Software SQL Server 2008*

II. Project Description

In addition to life-cycling equipment components at end-of-life (EOL), the project is expected to upgrade the Village's network topology from separate flat networks to a software defined wide Network (SD-WAN) topology. Proposals and the associated installation sequence/timeline shall be structured to provide the Village with the most favorable pricing and least amount of disruption to Village services while maintaining adequate security.

A successful vendor proposal will include:

- *All ordering, delivery, and warehousing of equipment. Village of Homewood will provide storage space but the vendor should be present for the delivery and acceptance of the equipment.*
- *Furnishing, installation, testing, and configuration of selected network components. Then vendor should describe the test data it will supply to the Village prior to acceptance of the equipment and configuration. This description should include adherence to the security, VLAN, QoS, diagram, and logistics standards set forth in this section.*
- *Strict inter-VLAN access rules to improve network and data security (identification, isolation and control of illegitimate traffic or system anomalies).*
- *Segregated and hardened network segments for CJIS and State of Illinois access complying with state and federal standards.*
- *QoS controls to guarantee bandwidth allocation and prioritization for mission critical application traffic, de-prioritization of less critical network traffic, and VoIP capability.*
- *Detailed bill of materials (BOM) of equipment and services to upgrade the entire system of all buildings at all locations.*
- *Spare parts inventory that supports an appropriate balance of downtime risk, investment cost, and procurement latency of warranty replacement components. Village of Homewood desires to have at least one complete spare switch (include cables and modules) for any switch model that has more than four switches in the network design.*
- *Village of Homewood also desires vendor to carry replacement inventory of any switches in the network design within a four-hour drive of Homewood.*
- *A specification and quote for the emergency maintenance, repair or replacement of the*

network equipment. This can be included in the warranty maintenance section of the equipment proposal.

- *Diagrams, in printed and electronic formats, of physical network interconnections.*
- *Diagrams, in printed and electronic formats, of logical network interconnections.*

Preferred Equipment Manufacturers

- Palo Alto
- Fortinet
- Cisco
- Checkpoint

Required Features

- High Availability
- FIPS 140-2 Compliant
- Intrusion Detection and Prevention
- Botnet Prevention
- Command & Control Prevention
- Deep Packet Inspection
- Content Filtering (quota time features optional but preferred)
- Application awareness and quality of service controls
- Multi-factor authentication for client-based, clientless, and/or site-to-site VPN connections
- Multiple VLAN support

III. Locations

This project consists of assessing the current conditions and state of performance of existing network firewalls and connecting infrastructure at each of the following five facilities:

- Village Hall (2020 Chestnut Rd)
- Police Station (17950 Dixie Hwy)
- Fire Station (17590 Dixie Hwy)
- Municipal Service Center (*Public Works Facility*) (17755 Ashland Ave)
- Brian Carey Training Facility (*Emergency Operations Facility*) (1023 191 St)
- Lawn & Maintenance (*Public Works Facility*) (18355 Pierce Ave)

IV. Budget & Schedule

All Vendors must provide an estimated cost summary in the fee proposal that includes all items shown below:

Phase Description	Hours	Rate	Subtotal	Expenses	Total
Discovery and Direction					
Network Design					
Equipment Cost Purchase Price					
Implementation					
Project Total Cost					

Schedule

All Vendors must provide a project schedule

Invoicing

The winning Vendor will be paid monthly for services completed during the previous month. The monthly invoice will include a progress report and a billing report showing hours billed by individual hourly rates, labor subtotal, and other expenses. These expenses will be summarized per task and must support the budget summary in the progress report.

V. Evaluation Criteria

Proposals will be evaluated based on the following criteria:

- **Compliance to Specifications**
 - Submission deadline compliance
 - Proposal format
 - Completeness of information supplied
- **Knowledge and Experience**
 - Success with similar projects. Vendor should include reference contact information
 - Experience with similar tools and applications
 - Pertinent experience, qualifications, certifications, and past performance of proposed personnel that will be directly involved in providing services, including Subcontractors.
 - Experience in similar government environments
 - Ability to provide timely on-site services, problem resolution, and telephone support.
 - Overall capacity of Vendor to successfully provide the required services.
 - Credentials of installation team members
- **Proposal Price and Value –**
 - Alignment of response to needs.
 - The flexibility to stage implementation to minimize disruption.

- The ability of equipment to interoperate with existing systems or those of a different manufacturer should one vendor offer products that fill the requirements better and provide more features.
- Management system features
- Comprehensiveness of reporting.
- Cost
- Reference checks

VI. Project Timeline

Approximate Dates	Action
Thursday, October 3, 2024	Advertisement of RFP
Friday, October 11, 2024	Deadline for walkthroughs
Monday, October 28, 2024	RFP Proposals Due /Closing of Advertisement
NO LATER THAN Tuesday, November 5, 2024	Identify Successful Vendor – Develop Contract and Project Summary to be Submitted to Village Board
Tuesday, November 12, 2024	Proposal Reviewed for Approval at Hearing of Village Board

Requests for evaluation updates may be forwarded to the Village Manager's Office of the Village of Homewood at any time. Questions and requests for updates should be made via phone at (708) 206-3380 or sent via email at rwachowski@homewoodil.gov.

VII. Recommended Response Materials

Successful proposals should generally include the following materials:

- **Cover Letter:** identifying the consultant, their place of business, name, and telephone number of the person to contact regarding the subject RFP. The Cover Letter shall be authored and signed by an individual, partner, or designated representative of the contractor that is sanctioned to enter into contracts The Cover Letter should be formal and intelligible yet clearly demonstrate the vendor's candidacy for this request.
- **Knowledge and Experience:** This should be a more detailed narrative from the contractor of proposal that includes a summary of experience.
- **Key Personnel:** Should provide an organizational chart for the primary personnel proposed to serve as the points of contact with the Village of Homewood. Provides resumes, a listing of abilities, qualifications, licenses, and experience for the key personnel.
- **Project Methodology:** This should identify the type of that will be used equipment and how the network infrastructure upgrades will occur.
- **Budget:** a breakdown of the cost of the project, and cost to maintain the network.
- **Schedule:** This will detail when the project will start and be completed. It should include a project milestone dates.
- **References:** A list of not less than five relevant references must be included. References may be contacted after selection to determine if the contractor is responsive and responsible.

VIII. Terms and Conditions

General Provisions & Disclaimers

This Request for Proposal (RFP) is not a commitment or contract of any kind. The Village reserves the right to pursue any and/or all ideas generated by this request. The Village further reserves the rights to reject, modify, or cancel, in part or in its entirety, this RFP. The Village assumes no obligation, and none is implied, to award a contract for any phase or services, specified in this RFP. Costs for developing submissions are entirely the responsibility of the respondents and shall not be reimbursed in any case. The Village reserves the right to reject any and all submissions.

The Village reserves the right to waive any requirements of this RFP when it determines that waiving a requirement is in the best interest of the Village. Submittals are public records subject to disclosure under the Freedom of Information Act (FOIA). The Village cannot guarantee that any information submitted in response to the RFP will remain confidential.

Prevailing Wage

Contractor shall not pay less than the prevailing rates of wages to all laborers, workmen, and mechanics performing work under this contract, and shall comply with the requirements of the Illinois Wages of Employees on Public Works Act (820 ILCS 130/1-12).

Confidential and Proprietary Information

Village of Homewood is subject to the Freedom of Information Act and the Illinois Open Meeting Act. Vendors must understand that information and other materials submitted in response to this RFP or in connection with any contract because of this RFP may be subject to disclosure as a public record. Therefore, submission of trade secrets or proprietary information or materials is discouraged. Confidential information in the RFP should be clearly marked.

Please submit Requests for Proposals to:

Village of Homewood
ATTN: Richard Wachowski
2020 Chestnut Road
Homewood, Illinois 60430

Electronic copies to: rwachowski@homewoodil.gov

For Questions Contact: Richard Wachowski, I.T. Manager
rwachowski@homewoodil.gov or (708) 206-3379

**The RFP Submittals Are Due Monday, October 28, 2024 by
5:00 p.m.**



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Angela Mesaros, Director of Economic and Community Development

Topic: Second Extension of Letter of Intent – 3003-3025 183rd Street (Park West Plaza)

PURPOSE

The Village has a letter of intent (LOI) with Rabid Ground LLC, who has an interest in the purchase and rehabilitation of the property at 3003-3025 183rd Street. The property is a commercial strip center (Park West Plaza), which was recently acquired by the Village. The current LOI expired on November 9, 2024. The developer has requested an extension of the due diligence period for an additional 90 days (until February 9, 2025). The extension of the letter of intent must be approved by the Village Board.

PROCESS

In 2021, the Village created a Tax Increment Financing District designating the subject property as part of the redevelopment project area, an economic development tool for future financial assistance for redevelopment activity. The Village of Homewood acquired the Park West Plaza shopping center (American Bagel Plaza) located at 3003-3025 183rd Street through the Cook County No Cash Bid Program on December 22, 2023, with the intent to redevelop the property. The property has three tenants who are current with their lease payments, with the remainder of the spaces being vacant. The property is located within the 183rd West TIF.

In April 2024, the Village approved an amendment to the letter of intent (LOI) with Rabid Ground LLC, who has an interest in the purchase and rehabilitation of the property at 3003-3025 183rd Street. The letter of intent held the property for 180 days during which time the developer marketed the property in preparation for redevelopment. During that time, the developer worked to finalize a business and development plans.

The LOI expired on November 9, 2024. The developer is requesting a second extension of the due diligence period for an additional 90 days (until February 9, 2025) in order to secure funding for the project.

The terms of the LOI will remain as follows:

1. The developer purchases and redevelops the property with appropriately zoned uses.
2. The developer has 90 days to perform due diligence.
3. The Village would not negotiate with other parties during this due diligence period.



4. The developer would be given access to the property.
5. The developer must negotiate a redevelopment agreement (RDA) with the Village within 90 days for purchase and redevelopment of the Property.
6. No money is required upfront from the developer, but if the developer decides not to develop the property, they are responsible for their due diligence costs.

The redevelopment agreement (RDA) is requested to include the following terms:

1. Purchase of the building and property for \$1, with tenants in place.
2. Support of a Cook County Class 8 tax incentive - reducing the property taxes to approximately 60%.
3. Rebate of Places for Eating Tax for five years. The owner estimates \$1.6 million of annual gross food and beverage sales at the subject location. This equals an annual places of eating tax of \$32,000 (2% of the total sales). The total incentive over five years is \$160,000.
4. Village is requested to contribute \$300,000 towards the buildout of the brewery and commercial kitchen. This funding would need to come from the General Fund. The developer estimates total construction costs of \$1,569,000 for building renovation and site improvements of which \$900,000 is for the build-out of the brewpub. The requested Village incentive is approximately 19% of the total costs or 33% of the brewpub buildout, which is consistent with recent incentive agreements.

OUTCOME

The LOI extension, if approved, would provide additional time for the developer to complete any due diligence. The extension would also allow additional time for the developer to solidify any project funding critical to redeveloping the property.

FINANCIAL IMPACT

- **Funding Source:** No Financial Impact
- **Budgeted Amount:** N/A
- **Cost:** N/A

LEGAL REVIEW

Completed

RECOMMENDED BOARD ACTION

Approve the Second Amendment to the Letter of Intent (LOI) with Rabid Ground LLC for the Village-owned property located at 3003-3025 183rd Street.

ATTACHMENT(S)

- Letter of Intent
- Request for extension

SECOND AMENDMENT TO LETTER OF INTENT

THIS SECOND AMENDMENT TO LETTER OF INTENT (“Amendment”) is made on the 12th day of November, 2024, between the **VILLAGE OF HOMEWOOD, LLC (“Seller”)**, and **RABID GROUND, LLC (“Buyer”)**.

RECITALS

- A. On February 13, 2024, Seller and Buyer entered into the Letter of Intent regarding the potential sale and redevelopment of property commonly known as 3003-3025 183rd Street, Homewood, Illinois.
- B. On April 9, 2024, Seller and Buyer amended the LOI attached as Exhibit “A” (the “**LOI**”) to extend the Due Diligence Period for one hundred eighty (180) days as set forth below.
- C. Seller and Buyer desire to amend the LOI to extend the Due Diligence Period in Section 11 of the LOI for ninety (90) days as set forth below.

NOW, THEREFORE, for and in consideration of the mutual covenants and conditions herein contained, and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, Seller and Buyer agree as follows:

- Recitals; Conflict; Definitions.** The above Recitals are incorporated herein as if set forth in this Paragraph 1. Wherever the terms of this Amendment conflict with the LOI, the terms of this Amendment shall control. All capitalized terms shall have the same meaning ascribed to them in the LOI.
- Extension of Due Diligence Period.** The Due Diligence Period is extended to February 9, 2025.
- Counterparts; Electronic Signature.** This Amendment may be executed in counterparts, each of which will for all purposes be considered an original. This Amendment may be executed by facsimile or portable document format (.pdf) signature, which shall be considered effective for all purposes as a “wet ink” original.

IN WITNESS WHEREOF, Seller and Buyer have executed this Amendment as of the date first above written.

SELLER:

VILLAGE OF HOMEWOOD

By: _____

Name: _____

Its: _____

BUYER:

Rabid Ground, LLC,
an Illinois limited liability company

By: _____

Name: _____

Its: _____



Rabid Brewing
17759 Bretz Drive
Homewood, IL 60430

November 8, 2024

Angela Mesaros
Economic Development Director
Village of Homewood
2010 Chestnut Road
Homewood, IL 60430

RE: Letter of Intent for Park West Plaza

Dear Ms. Mesaros:

I am writing to request an extension of our Letter of Intent to purchase the property at 3005-25 W. 183rd Street, Park West Plaza.

We are working diligently with the teams at the Women's Business Development Center and the Small Business Development Center to finalize the funding needed to complete the project.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "R. A. Rosado".

Raiye Rosado
President
Rabid Brewing



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Angela Mesaros, Director of Economic and Community Development

Topic: Façade Improvement Grants – American Rescue Plan Act (ARPA) Funds

PURPOSE

To better improve the aesthetic look and feel of businesses in Homewood, staff created a program that provides façade improvement grants for commercial properties. The Business Façade Capital Improvement Program is funded by the American Rescue Plan Act (ARPA) funds. The incentive agreements for reimbursement require Village Board approval.

PROCESS

The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191 to the Village of Homewood. Per the Treasury rules, ARPA SLFRF funds must be spent or obligated by December 31, 2024. Any funds obligated at the end of December 31, 2024, will need to be paid in full by December 31, 2026.

The Village has dedicated funds from the American Rescue Plan Act (ARPA) for small grants to improve local commercial corridors. Funds are to be used to revitalize existing commercial and mixed-use buildings. The program offers up to 50% of qualified project expenditures up to a maximum of \$5,000. Grants will be distributed as a reimbursement for expenditures upon completion of the scope of work. Only one grant is allowed per project.

Qualified properties must meet the following criteria:

- Used as a commercial or mixed-use building.
- Located in the B-1, B-2, or B-3 zoning districts.
- Building must have a ground-floor commercial use (no ground-floor residential).
- Properties may NOT have tax-exempt status.
- Proposed improvements must be visible from a public right-of-way.
- No outstanding fines, liens, or code violations with the Village of Homewood.
- Proposed improvements must be aligned with Village plans and design guidelines.
- Project work must be initiated no later than August 2025.



Village staff publicized the grant program through letters, telephone calls, and emails to the owners of commercial properties, and posted the grant application and information on the Village’s website and social media. Staff has received seven (7) applications. Of the seven applications, six qualified for the grant program.

OUTCOME

The grants will enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing commercial spaces in Homewood.

FINANCIAL IMPACT

- **Funding Source:** American Rescue Plan Act (ARPA) Funds
- **Budgeted Amount:** \$25,537
- **Cost:** \$30,531.50
- **Budget Amendment Requested:** \$5,000 (This amount will come from the Facility Hardening & Disaster Resiliency Assessment coming in under budget.)

LEGAL REVIEW

Completed

RECOMMENDED BOARD ACTION

Approve a budget amendment in the amount of \$5,000; and, authorize the Village President to enter into incentive agreements for the following properties:

- 18201-18209 Dixie Highway
- 18659-18667 Dixie Highway
- 18660-18676 Dixie Highway
- 17911 Harwood Avenue
- 1914-1918 Ridge Road
- 2048 Ridge Road
- 2057 Ridge Road

ATTACHMENT(S)

Incentive Agreements

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 18201-18209 DIXIE HIGHWAY UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between David Albrecht, Unchecked Capital LLC (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the Village’s B-2 Downtown Transition District, including the replacement of façade lighting and new fence; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids to replace the façade lighting and fence on the property with the cost not to exceed \$15,000; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation

work to be undertaken on the property commonly known as 18201-18209 Dixie Highway, Homewood, Illinois ("Property"), located in the B-2 Downtown Transition district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement ("Work") is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement. The Village agrees to reimburse the Owner \$5,000.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village's Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner's failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.
8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.

9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to the Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:

Village Manager
Village of Homewood
2020 Chestnut Rd.
Homewood IL 60430

To the Owner:

David Albrecht
Unchecked Capital LLC
801 Franklin St., Apt 1204
Oakland, CA 94607

With a copy to:

Christopher J. Cummings
Village Attorney
2024 Hickory Rd., Suite 205
Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

Unchecked Capital LLC

By: _____
Village President

By: _____
David Albrecht, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

The North 265.00 feet (except the north 100.00 feet thereof) of that part of the west $\frac{1}{2}$ of the Southeast $\frac{1}{4}$ of Section 31, Township 36 North, Range 14, East of the Third Principal Meridian, bounded and described as follows:

Beginning at the Northeast corner of Lot 1 in Subdivision of Lot 6 County Clerk's Division of the West $\frac{1}{2}$ of the Southeast $\frac{1}{4}$ of said Section 31; thence West along the North Line of Lot 1 extended, 297.00 feet to a point of 33.00 feet East of the West Line of said Southeast $\frac{1}{4}$; thence North parallel to said West Line, 346.00 feet; thence East parallel to said North Line of Lot 1, 297.00 feet; thence South parallel to said West Line of said Southeast $\frac{1}{4}$, 346.00 feet to the Place of Beginning, in Cook County, Illinois.

Common Address: 18201-18209 Dixie Highway

PIN: 29-31-409-056-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Replace fence and façade lighting on front of building	\$15,000

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 18659-18667 DIXIE HIGHWAY UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between Imad Aboukheir, ITAM Enterprises, LLC (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the Village’s B-3 General Business District, including rear exterior stairs, front façade, exterior doors and landscape; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids with the cost of \$23,000; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 18659-18667 Dixie

Highway, Homewood, Illinois (“Property”), located in the B-3 General Business district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement (“Work”) is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement totaling \$23,000. The Village agrees to reimburse Owner Five Thousand Dollars (\$5,000), representing up to fifty percent (50%) of the cost of said Work.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village’s Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner’s failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.

8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.
9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent

provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and the Owner acknowledges that Village has no obligation hereunder to make any payments to Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
 Village Manager
 Village of Homewood
 2020 Chestnut Rd.
 Homewood IL 60430

With a copy to:
 Christopher J. Cummings
 Village Attorney
 2024 Hickory Rd., Suite 205
 Homewood IL 60430

To the Owner:
 Imad Aboukheir
 ITAM Enterprises LLC
 13171 W. Huntmaster Lane
 Lemont, IL 60439

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

ITAM Enterprises LLC

By: _____
Village President

By: _____
Imad Aboukheir, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

Lots 1, 2, 3, 4, 5 and the North 10 Feet of Lot 6 in Block 1 in Southgate, being a Subdivision of part of the South $\frac{1}{2}$ of the Northeast $\frac{1}{4}$ of Section 6, Township 35 North, Range 14, East of the Third Principal Meridian, in Cook County, Illinois.

Common Address: 18659-18667 Dixie Highway

PIN: 32-06-218-042-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Rear Exterior Stairs	\$5,000
Front Façade	\$9,000
Exterior Doors	\$7,000
Landscaping	\$2,000

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 18660-18676 DIXIE HIGHWAY UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between Paul Henke, EMA Building Corp (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the village’s B-3 General Business District, including front overhang, lighting, fixtures and copper cladding; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids with the cost of \$30,456; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 18660-18676 Dixie Highway, Homewood, Illinois (“Property”), located in the B-3 General Business

district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement (“Work”) is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement totaling \$30,456. The Village agrees to reimburse Owner Five Thousand Dollars (\$5,000), representing up to sixteen percent (16%) of the cost of said Work.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village’s Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner’s failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.
8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.

9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
Village Manager
Village of Homewood
2020 Chestnut Rd.
Homewood IL 60430

To the Owner:
Paul Henke
EMA Building Corp
1177 Farwell Dr.
Madison, WI

With a copy to:
Christopher J. Cummings
Village Attorney
2024 Hickory Rd., Suite 205
Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

EMA Building Corp

By: _____
Village President

By: _____
Paul Henke, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

The North 178 feet of the South 236 feet of that part of the Southeast 1/4 of the Northwest 1/4 of Section 6, Township 35 North, Range 14 East of the Third Principal Meridian, described as follows: beginning at a point which is 33 feet North and 33 feet West of the Southeast corner of said Southeast 1/4 of the Northwest 1/4; thence North parallel with the East line of said Southeast 1/4 of the Northwest 1/4, 869 feet; thence West parallel to the North line of said Southeast 1/4 of the Northwest 1/4, 250.65 feet; thence South 869 feet; thence East 250.65 feet to the point of beginning, in Cook County, Illinois.

Common Address: 18660-18676 Dixie Highway

PIN: 12-34-567-890-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Exterior signage and lighting	\$24,440
Awnings	\$16,126
Soffit, roof, siding, doors, insulation and gutters	\$11,890

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 17911 HARWOOD AVENUE UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between Emmanuel Spearman, Spearman firm LLC (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the village’s B-1 Downtown Core District, including the exterior paint; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids with the cost of \$4,950; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 17911 Harwood Avenue, Homewood, Illinois (“Property”), located in the B-1 Downtown Core

district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement (“Work”) is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement totaling \$4,950. The Village agrees to reimburse Owner Two Thousand Four Hundred and Seventy Five Dollars (\$2,475), representing fifty percent (50%) of the cost of said Work.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village’s Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner’s failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.
8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.

9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
Village Manager
Village of Homewood
2020 Chestnut Rd.
Homewood IL 60430

To the Owner:
Emmanuel Spearman
Spearman Firm LLC
Box 1566
Homewood, IL 60430

With a copy to:
Christopher J. Cummings
Village Attorney
2024 Hickory Rd., Suite 205
Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

Spearman Firm LLC

By: _____
Village President

By: _____
Emmanuel Spearman, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

Parcel 1:

Lot 2 and the North ½ of Lot 3 in Block "D" in Village of Hartford in the Northeast ¼ of the Southwest ¼ of Section 31, Township 36 North, Range 14 East of the Third Principal Meridian, in Cook County, Illinois.

Parcel 2:

That part of Lot 1 which lies South of the South Line of the 66 foot street dedicated by Plat of Dedication dated October 5, 1918 and recorded January 3, 1919, as Document 6443372 in Block "D" in the Village of Hartford aforesaid, in Cook County, Illinois.

Common Address: 17911 Harwood Avenue

PIN: 29-31-303-002-0000
29-31-303-014-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Exterior painting/façade improvement	\$4,950

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 1914-1918 RIDGE ROAD UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between Patrick Brady, PKB Holdings LLC (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the village’s B-2 Downtown Transition District, including the repair stucco, tuckpointing and replacement of flashings and roof drains; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids with the cost of \$9,113; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 1914-1918 Ridge

Road, Homewood, Illinois ("Property"), located in the B-2 Downtown Transition district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement ("Work") is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement totaling \$9,113. The Village agrees to reimburse Owner Four Thousand Five Hundred and Fifty Six Dollars (\$4,556.50), representing fifty percent (50%) of the cost of said Work.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village's Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner's failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.

8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.
9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent

provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
 Village Manager
 Village of Homewood
 2020 Chestnut Rd.
 Homewood IL 60430

To the Owner:
 Patrick Brady
 PKB Holdings LLC
 195 N. Harbor Drive, #4301
 Chicago, IL 60601

With a copy to:
 Christopher J. Cummings
 Village Attorney
 2024 Hickory Rd., Suite 205
 Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

PKB Holdings LLC

By: _____
Village President

By: _____
Patrick Brady, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

Lots 2 and 3 in Robertson and Young's Second Addition to Homewood, being a Subdivision of the Northwest Quarter of the Southeast Quarter of Section 31, Township 36 North, Range 14 East of the Third Principal Meridian, in Cook County, Illinois.

Common Address: 1914-1918 Ridge Road
18036 Gottschalk Avenue

PIN: 29-31-400-037-0000
29-31-400-038-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Stucco repair, tuck pointing, reseal drains and flashings	\$9,113

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 2048 RIDGE ROAD UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between Marcus Yancey, 2048 Ridge LLC (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the Village’s B-1 Downtown Core District, including the demolition of existing façade, installation of new façade and weatherization, ADA compliant ramp and new windows; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids to with the cost not to exceed \$25,800; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of

Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 2048 Ridge Road, Homewood, Illinois ("Property"), located in the B-1 Downtown Core district as defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement ("Work") is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement. The Village agrees to reimburse the Owner \$5,000.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village's Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner's failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.

8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.
9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent

provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to the Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
 Village Manager
 Village of Homewood
 2020 Chestnut Rd.
 Homewood IL 60430

To the Owner:
 Marcus Yancey
 2048 Ridge LLC
 1020 Park Drive #492
 Flossmoor, IL 60422

With a copy to:
 Christopher J. Cummings
 Village Attorney
 2024 Hickory Rd., Suite 205
 Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

2048 Ridge LLC

By: _____
Village President

By: _____
Marcus Yancey, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

The easterly 25 feet (front and rear) of Lots 5 and 6 in Block "B" in the Village of Hartford (now Homewood), a subdivision by James Hart of the Northeast $\frac{1}{4}$ of Section 31, Township 36 North, Range 14, East of the Third Principal Meridian, according to the plat recorded in Book 49 of Maps, page 99, in Cook County, Illinois.

Common Address: 2048 Ridge Road

PIN: 29-31-307-007-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
demolition of existing façade, installation of new façade and weatherization, ADA compliant ramp and new windows	\$25,800

AGREEMENT TO REIMBURSE ELIGIBLE EXPENSES FOR COMMERCIAL PROPERTY LOCATED AT 2057 RIDGE ROAD UNDER THE AMERICAN RESCUE PLAN ACT (ARPA)

This Agreement is made and entered this 12th day of November 2024, between R. Scott Donkel (“Owner”), and the Village of Homewood, Cook County, Illinois, an Illinois municipal corporation (“Village”).

WHEREAS, the Owner has requested financial assistance from the Village for improvements to an existing commercial building within the village’s B-1 Downtown Core District, including the signage and canopy; and

WHEREAS, the Owner represents and warrants that without financial assistance from the Village, the Project as contemplated would not be economically feasible; and

WHEREAS, the Owner has obtained bids with the cost of \$7,000; and

WHEREAS, Section 8-1-2.5 of the Illinois Municipal Code (65 ILCS 5/8-1-2.5) authorizes municipalities to appropriate and expend funds for economic development purposes, including, without limitation, making grants to any commercial enterprise deemed necessary or desirable for the promotion of economic development within the municipality; and

WHEREAS, the Village supports making the proposed improvements to increase the building’s functionality, thereby enhancing the economic viability, and as such is willing to enter into this Agreement; and

WHEREAS, The Coronavirus State and Local Fiscal Recovery Funds (SLFRF) program authorized by the American Rescue Plan Act (ARPA) provided \$2,545,191.00 to the Village of Homewood; and

WHEREAS, The Village has dedicated funds from the American Rescue Plan Act (ARPA) for local commercial corridors to revitalize existing commercial and mixed-use buildings. The grant program is designed to enhance the visual quality of building exteriors, increase code compliance, and contribute to vibrant and visually appealing spaces in Homewood.

NOW, THEREFORE, in exchange for the mutual promises and considerations set forth herein, the Owner and Village agree:

1. As authorized by the President and Board of Trustees of the Village of Homewood on November 12, 2024, and subject to the terms of this Agreement, the Village of Homewood agrees to reimburse the Owner for the cost of certain rehabilitation work to be undertaken on the property commonly known as 2057 Ridge Road, Homewood, Illinois (“Property”), located in the B-1 Downtown Core district as

defined by the Homewood Zoning Ordinance. The legal description of the Property is attached as Exhibit A to this Agreement.

2. The work eligible for reimbursement (“Work”) is described in Exhibit B to this Agreement. Owner has supporting bids for façade rehabilitation and improvement totaling \$7,000. The Village agrees to reimburse Owner Three Thousand Five Hundred Dollars (\$3,500), representing fifty percent (50%) of the cost of said Work.
3. Owner shall be responsible for executing all contracts in connection with said Work and ensuring that the Work is completed in accordance with said contracts. The Owner shall furnish the Village with copies of all contracts for said Work. All Work shall comply with all local codes.
4. Within sixty (60) days of the completion of the Work contemplated under this agreement, the Owner shall submit a written reimbursement request to the Village’s Community Development Department along with the following documentation:
 - a. Copies of cancelled check(s) or other evidence that Owner has paid for the Work;
 - b. Lien waivers from all general contractors, subcontractors, and materialmen who provided services or materials for the Work.
5. Failure to submit a written reimbursement request within sixty (60) days of the completion of the Work contemplated under this agreement shall be grounds for the Village to deny reimbursement. Owner’s failure to submit a reimbursement request shall not constitute a default under this Agreement.
6. Changes, additions, revisions or deletions to the plans and/or construction documents originally submitted to the Village must be approved by the Village in writing. The Village will review such proposed changes within a reasonable time. However, the Village assumes no responsibility for any delay or additional cost incurred because of this requirement. Final construction shall comply with the approved plans.
7. Owner shall not be entitled to reimbursement from the Village under this Agreement if the final construction deviates from the previously approved plans and/or does not comply with all local codes.
8. Owner shall allow Village inspectors reasonable access to the Property to determine that the Work complies with the approved plans and local codes.

9. Owner shall require all contractors performing the Work to provide worker's compensation and liability insurance in amounts satisfactory to the Village, naming the Village and the Owner as additional insured.
10. Owner agrees to comply with all Federal, State, and local laws and regulations. Owner also agrees that it will notify all contractors and subcontractors of their obligation to comply with the Prevailing Wage Act if applicable.
11. Owner shall require each contractor to indemnify and hold the Village harmless from all claims arising out of this Agreement resulting from the Owner's or contractor's negligence, including claims for personal injury, wrongful death and property damage. Owner agrees to indemnify and hold the Village harmless from all such claims arising out of this Agreement resulting from the Owner's negligence or willful and wanton conduct.
12. Owner hereby agrees to complete Work within twelve (12) months of the execution of this agreement. Failure to complete said Work shall constitute a default under this Agreement.
13. Upon completion of the Work, the Owner hereby agrees to maintain the subject property, including landscaping, in compliance with all applicable Village codes. Failure to comply with Village codes constitutes a default under this Agreement.
14. Should either party be in default under this Agreement, the non-defaulting party shall give written notice of such default by certified mail with postage prepaid, or by personal delivery. Notice by certified mail shall be considered given when deposited in the United States mail. Should such default remain uncured twenty-one (21) days after the giving of such notice, the non-defaulting party shall have the right to terminate this Agreement by giving written notice of such termination in the same manner and under the same terms as the notice of default. Either party may also seek to enforce its rights under this Agreement as authorized by law.
15. Should either party initiate litigation against the other to enforce the terms of this Agreement, the successful litigant shall be entitled to recover court costs and reasonable attorney fees.
16. If any section, subsection, sentence, clause, phrase or portion of this Agreement is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions hereof.

- 17. This Agreement shall constitute the entire agreement between the parties and any prior understanding or representation of any kind preceding the date of this Agreement shall not be binding upon either party except to the extent incorporated in this Agreement.
- 18. This Agreement does not constitute a general obligation of the Village and Owner acknowledges that Village has no obligation hereunder to make any payments to Owner from any funds other than the American Rescue Act Plan (ARPA) Funds.
- 19. In the event of a conflict in the provisions of the text of this Agreement and the exhibits attached hereto, the text of the Agreement shall control and govern.
- 20. Failure of any party to this Agreement to insist upon the strict and prompt performance of the terms, covenants, agreements, and conditions herein contained, or any of them, upon any other party imposed, shall not constitute or be construed as a waiver or relinquishment of any party's right thereafter to enforce any such term, covenant, agreement or condition, but the same shall continue in full force and effect.
- 21. Notices under this Agreement shall be sent as follows:

To the Village:
Village Manager
Village of Homewood
2020 Chestnut Rd.
Homewood IL 60430

To the Owner:
R. Scott Donkel
1126 Dartmouth Road
Flossmoor, IL 60422

With a copy to:
Christopher J. Cummings
Village Attorney
2024 Hickory Rd., Suite 205
Homewood IL 60430

With a copy to:

- 22. Owner shall return three (3) signed copies of this Agreement to the Community Development Department within thirty (30) days of receipt. The Village reserves the right to rescind this Agreement if the Owner fails to return the signed Agreements as specified.

IN WITNESS WHEREOF, the parties have executed this Agreement on the above day and date.

VILLAGE OF HOMEWOOD

By: _____
Village President

By: _____
R. Scott Donkel, Owner

ATTEST:

Signed and sworn to before me on
_____, 2024

Village Clerk

Notary Public

EXHIBIT A

Legal Description:

Lot 1 in Homewood Improvement Corporation Resubdivision of Lots 1, 2, and 3 in Block "A" in the Village of Hartford (now called Homewood) a Subdivision of the Northeast Quarter of the Southwest Quarter of Section 31, Township 36 North, Range 14 of the Third Principal Meridian, in Cook County, Illinois.

Common Address: 2057 Ridge Road

PIN: 29-31-310-017-0000

EXHIBIT B

Costs to be Reimbursed

Description of Work	Cost
Signage, canopy	\$7,000



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Amy Zukowski, Director of Finance

Topic: Amendments to Raffle License Requirements

PURPOSE

The current process of obtaining a raffle license includes requirements that are in need of change in order to better accommodate the issuance of these licenses in a timely and appropriate manner. Staff is recommending changes to the Municipal Code which requires Board approval.

PROCESS

Currently, all raffle applicants are required to submit a fidelity bond in order to obtain a raffle license. A fidelity bond is a type of business insurance that offers an employer protection against financial losses that are caused by its employees' dishonest misconduct. Obtaining the bond can be costly to the organization; therefore, most applicants request to have the fidelity bond requirement waived. This, or any other request to waive a raffle requirement in the Municipal Code, requires Board approval.

Taking into consideration that raffle licenses are issued to non-profit or other such organizations, and the fact that many times the aggregate value of prizes is less than \$5,000.00, staff is recommending that a fidelity bond only be required for those raffles that have an aggregate value of prizes that is more than \$5,000.00.

In addition, staff is recommending the maximum dollar amount for each raffle chance sold be established in the Municipal Code, per State statute. Staff recommends the maximum amount for each raffle chance sold be established at \$100.00 for a single raffle and \$10.00 for a multiple/serial raffle.

OUTCOME

Amending the Municipal Code for the raffle license requirements will streamline the process for most raffle applicants.

FINANCIAL IMPACT

- **Funding Source:** N/A
- **Budgeted Amount:** N/A

VILLAGE OF HOMEWOOD

Item 11. E.



- **Cost:** N/A

LEGAL REVIEW

Completed

RECOMMENDED BOARD ACTION

Pass an ordinance amending the Municipal Code to establish the maximum price which may be charged for each raffle chance as \$100.00 for single raffles and \$10.00 for multiple/serial raffles; and, require a fidelity bond only for those raffles which have an aggregate prize value of more than \$5,000.00.

ATTACHMENT(S)

Ordinance

ORDINANCE NO. MC-1083

**AN ORDINANCE AMENDING CHAPTER 6 OF THE HOMEWOOD
MUNICIPAL CODE CONCERNING RAFFLE LICENSES**

WHEREAS, Section 15/2 of the Raffles and Poker Runs Act (230 ILCS 15/2) authorizes the governing body of a municipality to regulate and license raffles; and

WHEREAS, the Homewood Municipal Code in Article XII of Chapter 6 governs the operation of raffles within the Village of Homewood; and

WHEREAS, the President and Board of Trustees of the Village of Homewood find it in the community's best interest to update its licensing raffle system.

NOW, THEREFORE, BE IT ORDAINED by the President and Board of Trustees of the Village of Homewood, Cook County, Illinois, as follows:

SECTION ONE- AMENDMENTS TO THE MUNICIPAL CODE:

- (1) Section 6-338 is hereby amended by deleting the ~~struck-through~~ language and adding the underlined language:

Sec. 6-338. Limitations on aggregate retail value of prizes and merchandise awarded.

- (a) *Single raffles.* Unless otherwise authorized by the village board, the aggregate retail value of all prizes or merchandise awarded by a licensee in a single raffle shall not exceed \$50,000.00. The maximum retail value of each prize awarded by a licensee in a single raffle shall not exceed \$25,000.00. The maximum price which may be charged for each raffle chance issued or sold for a single raffle shall be \$100.00. ~~in the amount provided by the village fee schedule.~~ The maximum number of days during which chances may be issued or sold prior to the single raffle is hereby established at 90 days. The village board may approve the issuance of a single raffle license for amounts in excess of those prescribed in this section, but in no case shall a license be approved for a single raffle where the aggregate retail value of all prizes or merchandise awarded by a licensee in that raffle exceeds \$150,000.00, or where the maximum retail value of each prize awarded by a licensee in that raffle exceeds \$150,000.00, ~~or where the maximum price which may be charged for each raffle chance issued or sold exceeds the amount provided by the village fee schedule.~~

- (b) *Multiple or serial raffles.* The aggregate retail value of all prizes or merchandise awarded by a licensee in a raffle which is part of a multiple or serial raffle shall not exceed \$5,000.00. The maximum retail value of each prize awarded by a licensee in a raffle which is part of a multiple or serial raffle shall not exceed \$1,000.00. The maximum price which may be charged for each raffle chance issued or sold in a multiple or serial raffle shall be \$10.00 ~~in the amount provided by the village fee schedule.~~

- (2) Section 6-369 is hereby amended by addition of the following underlined language:

Sec. 6-369. Raffle manager and fidelity bond required; waiver.

- (a) All operations of and the conduct of raffles licensed by the village is under the supervision of a raffle manager designated by the licensed organization.
- (b) If the aggregate value of raffle prizes is more than \$5,000.00, the manager shall give a fidelity bond in favor of the organization, conditioned upon his honesty in the performance of his duties. The village shall receive a copy of that bond. The bond shall be in an amount equal to the aggregate retail value of all prizes or merchandise to be awarded by the licensee in the raffle. The bond shall provide that notice must be given in writing to the village not less than 30 days prior to its cancellation.
- (c) The village may waive this bond requirement by including a waiver provision in the license issued to an organization, but only upon the unanimous vote of all of the members of the organization to be licensed authorizing such waiver.

SECTION TWO-EFFECTIVE DATE

This ordinance shall be in full force and effect after passage, approval, and publication in accordance with law.

PASSED AND APPROVED this 12th day of November, 2024.

Village President

ATTEST:

Village Clerk

AYES:___ NAYS:___ ABSTENTIONS:___ ABSENCES:_____



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Purchase Approval - Police and Public Works Vehicle Replacements

PURPOSE

Staff is requesting the Board approve the purchase of two (2) Ford Utility Police Interceptors through the Suburban Purchasing Cooperative from Currie Motors Fleet of Frankfort, IL for a total purchase of \$91,026 plus \$24,000 in equipment and upfitting cost for the vehicles. These purchases will replace two 2016 Ford Utility vehicles, one used for the Police Department and one used for the Public Works Department. The purchase is part of the five-year (5) lease agreement initiative approved by the Board of Trustees at the October 8, 2024 meeting.

PROCESS

Periodically, the Village of Homewood must replace equipment that has reached its end of life. Staff evaluates equipment on an annual basis and compiles a list of items that are recommended for replacement. Below are two vehicles identified for replacement:

- Vehicle #4: 2016 Ford Utility 83,000 Miles [Police Criminal Investigation Unit (CIU) - Detectives]
- Vehicle #49: 2016 Ford Utility 159,000 Miles [Public Works Street Division]

Through the budget process, approval was given to finance a plow truck utilizing a five-year (5) lease. The annual lease payment is budgeted in the General Fund. Since the plow truck was not readily available, staff identified six (6) other vehicles that needed to be replaced. These vehicles were presented to the Board during the Village Board meeting on October 8, 2024, when the 2024 leasing program was approved. The two (2) vehicles listed above were identified to be replaced and financed.

Staff researched various vehicle purchase options and found that both vehicles were available through the Suburban Purchasing Cooperative through Currie Motors Fleet, of Frankfort, IL. Both vehicles will need lighting, accessories, and equipment after they are purchased (equipment and upfitting).



The total cost for the Police CIU vehicle is \$58,914.

- \$45,414 - Purchase Price
- \$9,500 - Equipment
- \$4,000 – Upfitting

The total cost for the Public Works Street Division vehicle is \$56,112.

- \$45,612 - Purchase Price
- \$6,500 - Equipment
- \$4,000 - Upfitting

The combined total for both vehicles through the Suburban Purchasing Cooperative is \$91,026 (without equipment and upfitting).



OUTCOME

The approval to purchase the two vehicles will allow the Village to replace vital assets that have reached the end of their life.

FINANCIAL IMPACT

- **Funding Source:** Five-Year (5) Lease Agreement through BMO Harris Bank
- **Budgeted Amount:** \$80,000 in General Fund – *annual lease payment covering the purchase of six (6) Public Works vehicles/equipment to be budgeted.*
- **Cost:** \$115,026 to be financed over a five-year (5) period through a lease agreement (*This cost includes the vehicles, equipment and upfitting.*)

LEGAL REVIEW

Not Required



RECOMMENDED BOARD ACTION

Waive competitive bidding due to utilizing a vendor through a cooperative purchasing program; and, approve the purchase of two (2) Ford Utility Interceptors from Currie Motors Fleet of Frankfort, IL through the Suburban Purchasing Cooperative in the amount of \$91,026, plus \$24,000 for additional equipment and upfitting to the vehicles, for a total amount of \$115,026.

ATTACHMENT(S)

- Vehicle Evaluation Forms
- Equipment Replacement Justification Forms
- SPC Contract #204



**2025 Ford Utility Interceptor
Contract #204**

\$47,615.00



Currie Motors Fleet

Nice People to do Business With!

Production Begins May 2024

Hybrid Motors are Late Availability

2025 Model Year is Allocation Based upon Sales History and Subject to Commodity Restrictions



2025 Ford Utility Interceptor

\$47,615.00

Standard Features

MECHANICAL ●3.3L Police-Calibrated V6 Direct-Injection Hybrid Engine System –Standard ●AWD Drivetrain Transmission – 10-speed automatic, police calibrated ●Lithium-Ion Battery Pack ●Brakes – Police calibrated high-performance regenerative braking system(Hybrid Only) ●4-Wheel heavy-duty disc w/heavy-duty front and rear calipers ●Brake Rotors – large mass for high thermal capacity and calipers with large swept area. ●Electric Power-Assist Steering (EPAS) – Heavy-Duty ●DC/DC converter – 220-Amp ●Cooling System – Heavy-duty, Engine oil cooler and transmission oil cooler ●Engine Idle Hour Meter ●Powertrain mounts – Heavy-Duty ●Class III Trailer Hitch Receiver and (2) recovery hooks ● Class III Trailer Tow Lighting Package ●Wheels— Heavy-duty steel, vented with center cap— Full size spare tire w/TPMS ●50-State Emissions System ● H8 AGM Battery ● **Engine Idle Control** ●Manual Police Pursuit Mode

EXTERIOR ●Antenna, Roof-mounted ●Cladding – Lower body-side cladding ●Door Handles – Black ● Exhaust, True Dual ● **Daytime Running Lamps – Configurable ON/OFF through instrument cluster** ●Door-Lock Cylinders (Front Driver / Passenger / Lift-gate) ●Glass – 2nd Row, Rear Quarter and Lift-gate Privacy Glass ●Grille – Black ●Headlamps – Automatic, LED Low-and-High-Beam ●Lift-gate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder● Mirrors – **Black Caps Power Electric Remote Heated Manual Folding with Integrated Spotter** ●Spare – Full size 18" Tire w/TPMS ●Spoiler – Painted Black● Lift-gate Handle ●Tail lamps – LED ●Tires – 255/60R18 A/S BSW ●Wheel-Lip Molding – Black ●Wheels – 18" x 8.0 painted black steel with polished stainless steel hub cover ●Windshield – Acoustic Laminated ●**Unity LED Drivers Spot Light** ●**Rear Tail Light Housing**

INTERIOR/COMFORT ●Cargo Hooks in cargo area ●Climate Control – Dual-Zone Electronic Automatic Temperature Control ●Door-Locks— Power ● **Rear-Door Handles and Locks In-Operable** ●Fixed Pedals (Driver Dead Pedal)● Floor – Heavy-Duty Thermoplastic Elastomer ●Glove Box – Locking/non-illuminated ●Grab Handles ●Heated Sanitization Solution ●**Lift gate Release Switch located in overhead console (45 second timeout feature)**●Lighting— Overhead Console— Red/White Task Lighting in Overhead Console— 3rd row overhead map light ●Mirror – Day/night Rear View ●Particulate Air Filter● Power points – (1) First Row ●Rear-door closeout panels ●Rear-window Defrost ●Scuff Plates – Front & Rear ●Seats— 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters — 1st Row – Driver 6-way lower track (fore/aft. Up/down, tilt with manual recline, 2-way manual lumbar) — 1st Row – passenger 2-way manual track (fore/aft. with manual recline) — Built-in steel intrusion plates in both driver/passenger seatbacks — 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) ●Speed (Cruise) Control ●Speedometer –

Calibrated (includes digital readout) ●Steering Wheel – Manual / Tilt / Telescoping, Speed Controls and 4 user – configurable latching switches Sun visors, color-keyed, non-illuminated ●Universal Top Tray – Center of I/P for mounting aftermarket equipment ●Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature ● **Power Passenger Seat ● Courtesy Lights Disabled ● Rear Dome Light ●Aux. Rear A/C**

SAFETY/SECURITY ●Advance Trac® w/RSC® ●Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Curtain Airbags and Safety Canopy®●Anti-Lock Brakes (ABS) with Traction Control ● Brakes – Police calibrated high-performance regenerative braking system ●Belt-Minder® (Front Driver / Passenger)●Child-Safety Locks ●Individual Tire Pressure Monitoring System (TPMS)●LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations ●Rearview Camera viewable on 8"Center Stack ● Seat Belts, Pretensioner /Energy-Management System w/adjustable height in 1st Row ●SOS Post-Crash Alert System™● Perimeter Alert ● Remote Keyless Fob ●BLIS ●Cross Traffic Brake Assist ●Pre-Collision Mitigation System ●Reverse Sensing System

Police Up-fit Friendly ●Consistent 11-inch space between driver and passenger seats for aftermarket consoles (9-inch center console mounting plate)●Console mounting plate ●Dash pass-thru opening for aftermarket wiring ●Headliner- easy to service ●Two (2) 50 amp battery ground circuits – power distribution junction block (repositioned behind 2nd row seat floorboard). ● Grill Wiring ●100 Watt siren/Speaker Prep Kit

Functional ●Audio— AM/FM / MP3 Capable / Clock / 4-speakers— SYNC® interface — Includes hands-free voice command support — USB Port — (1) — 8" Color LCD Screen Center- Stack "Smart Display"● Easy Fuel® Capless Fuel-Filler ●Fleet Telematics Modem to support Ford Pro™ Telematics ●Front door tether straps (driver/passenger)●Power pigtail harness ●Simple Fleet Key; 4-keys●Two-way radio pre-wire ●Two (2) 50 amp battery power circuits – power distribution junction block (behind 2nd row passenger seat floorboard)●Wipers – Front Speed- Sensitive Intermittent; Rear Dual Speed Wiper ●Up fitter Interface System ●PAITRO output tied to lift gate release switch ●3 Year 36,000 Mile Warranty-5 Year 100,000 mile Powertrain Warranty ●Delivery under 75 miles



Models

<input type="checkbox"/>	K8A	2025 Utility Interceptor Hybrid-Late Availability	47,615.00
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

OPTIONS-Mechanical/Functional

<input type="checkbox"/>	99B-3.3L V-6 TI-VCT Motor NA with 99C Motor	-2661.00
<input type="checkbox"/>	99C-3.0L Eco boost	893.00
<input type="checkbox"/>	76D-Deflector Plate (engine and transmission shield)	320.00
<input type="checkbox"/>	41H-Block Heater	179.00
<input type="checkbox"/>	18X-100 Watt Siren Speaker (includes bracket and pig tail)	329.00
<input type="checkbox"/>	60R-Noise Suppression	94.00
<input type="checkbox"/>	67U-Ultimate Wiring Kit	602.00
<input type="checkbox"/>	67V-Connector Kit	188.00
<input type="checkbox"/>	85D-Front Console Mounting Plate Delete (NA with 67H, 67U, 85R)	NC
<input type="checkbox"/>	85R-Rear Mounting Plate (NA with 65U, 85D)	56.00
<input type="checkbox"/>	67H Ready For the Road Package-OEM Lighting and Wiring Package	3,532.00
<input type="checkbox"/>	18D-Global Lock/Unlock- Deletes 45 second Lift Gate Lock Release	N/C

Options-Exterior

<input type="checkbox"/>	16P Rear Bumper Step Pad	94.00
<input type="checkbox"/>	65L 18" Wheel Covers	65.00
<input type="checkbox"/>	Keyed Alike CODE _____	47.00
<input type="checkbox"/>	942-Daytime Running Light-Cannot be Reprogrammed	47.00
<input type="checkbox"/>	68G- Rear Door Locks Inoperable	STD
<input type="checkbox"/>	52P-Hidden Door Lock Plunger Includes 68G	150.00
<input type="checkbox"/>	43A-Rear Auxiliary Lights	376.00
<input type="checkbox"/>	96T-Rear Spoiler Traffic Light-Compatible with Interior Upgrade Package	1,410.00
<input type="checkbox"/>	51P-Drivers Side Spot Light Prep	132.00
<input type="checkbox"/>	51S-Dual Spot Lights-Unity	582.00
<input type="checkbox"/>	51T-Drivers Spot Light-Whelen	394.00
<input type="checkbox"/>	51V-Dual Spot Lights-Whelen	629.00
<input type="checkbox"/>	51W-Dual Spot Prep	264.00
<input type="checkbox"/>	Spot Light Delete	-376.00
<input type="checkbox"/>	63B-Side Marker Lights	320.00
<input type="checkbox"/>	63L-Quarter Glass Lights	546.00
<input type="checkbox"/>	66A-Front Headlamp Package	846.00
<input type="checkbox"/>	66B-Tail Lamp Package	405.00
<input type="checkbox"/>	66C-Rear Light Package	432.00
<input type="checkbox"/>	16D-Badge Delete	N/C
<input type="checkbox"/>	21L Front Auxiliary Light	546.00

Options-Interior

<input type="checkbox"/>	47E 12.1" Integrated Computer Screen	3,478.00
<input type="checkbox"/>	63V Cargo Vault (Lockable Small Compartment)	253.00
<input type="checkbox"/>	65U Interior Upgrade Package	367.00
<input type="checkbox"/>	92R Solar Tint 2 nd Row (Deletes Privacy Glass)	85.00
<input type="checkbox"/>	92G Solar Tint 2 nd Row and Cargo Area (Deletes Privacy Glass)	112.00
<input type="checkbox"/>	87M 4" Rear Camera (1/4 size Picture in Picture in Upper Left Quadrant of Display)	N/C
<input type="checkbox"/>		

Title Name _____
Title Address _____
Title City _____
Title Zip Code _____
Contact Name _____
Phone Number _____
PO Number _____
FIN CODE _____
Tax Exempt Number _____
Total Dollar Amount _____
Delivery Address _____

***Orders Require Signed Original Purchase Order and Tax Exempt Letter Submitted to:**

Currie Motors Commercial Center
10125 W Laraway
Frankfort Il 60423
PHONE: (815) 412-3227
Tom Sullivan
tsullivan@curriemotors.com

Phone: (815)464-9200
Nic Cortellini
ncortellini@curriemotors.com

Production is based upon Plant Scheduling and Commodity Restrictions Subject to Cancellation

Payment Due at Time of Delivery

EQUIPMENT REPLACEMENT JUSTIFICATION

	Yes	No
Is this a replacement vehicle?	X	

Is this an additional vehicle?		X
---------------------------------------	--	---

Vehicle #	4-1604
Year	2016
Make	FORD
Model	UTILITY
Hours/Mileage	79000
Department	POLICE
Division	CIU

List current issues with vehicle & price to repair:

TRANSMISSION	\$3,200.00
REAR MAIN SEAL LEAK	\$755.00
WATER PUMP	\$2,500.00
CYLINDER HEADS	\$3,100.00
	\$9,555.00

List of additional equipment necessary to purchase

EMERGENCY LIGHTING, CONSOLE	
EQUIPMENT TRAY	\$11,000.00
	\$
	\$
	\$11,000.00

Vehicle Replacement Cost \$57,000.00

Budget Amount \$58,000.00

Additional Notes:

POLICE CRIMINAL INVESTIGATION UNIT

VEHICLE/EQUIPMENT EVALUATION FORM

Date of Evaluation: 8/30/2024

Vehicle Number: 4-1604
 Year: 2016
 Make: Ford
 Model: Utility
 Usage Type: Patrol

Life-to-date usage miles: 79,000
 Years in service: 4 years
 Year scheduled for replacement: 2024

Drivetrain Condition:

Engine	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>
Transmission	Average for miles/hours:	<input type="checkbox"/>	Needs work:	<input checked="" type="checkbox"/>
Differential	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>

Body Condition:

Undercarriage	Average for mileage/year:	<input type="checkbox"/>	Fair:	<input checked="" type="checkbox"/>	Poor:	<input type="checkbox"/>
Sheet Metal	Average for mileage/year:	<input type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input checked="" type="checkbox"/>
Interior	Average for mileage/year:	<input type="checkbox"/>	Fair:	<input checked="" type="checkbox"/>	Poor:	<input type="checkbox"/>

Alternatives:

Retain

- keep as is/evaluate annually
- partially rebuild
- completely rebuild
- modify w/attachments and options
- shift to lighter duty application

Dispose

- Trade-in
- Sell by Village or auction
 - As is/no sale prep costs
 - Incur minimum sale prep. Costs
 - Disassemble/sell components

Replacement

- replace w/updated similar vehicle/equipment
- replace w/rented vehicle equipment as needed
- replace w/multi-functional vehicle/equipment
- replace with Fleet recycled vehicle

Notes:

This is a criminal investigation utility, it has served its purpose however, it is past the useful stage of reliability

Joe Mancini
Vehicle Maintenance Supervisor

EQUIPMENT REPLACEMENT JUSTIFICATION

Is this a **replacement** vehicle? Yes No

X	
---	--

Is this an **additional** vehicle?

	X
--	---

Vehicle #	49-1649
Year	2016
Make	FORD
Model	UTILITY
Hours/Mileage	156000
Department	PUBLIC WORKS
Division	STREET

Common issues with vehicle & price to repair:

TRANSMISSION	\$3,200.00
WATER PUMP	\$2,500.00
REAR DIFFERENTIAL	\$1,250.00
CYLINDER HEADS	\$3,100.00
	\$10,050.00

List of additional equipment necessary to purchase

EMERGENCY LIGHTING, CONSOLE	\$11,000.00
EQUIPMENT TRAY	\$
	\$
	\$
	\$
	\$11,000.00

Vehicle Replacement Cost

\$57,000.00

Budget Amount

--

Additional Notes:

VEHICLE/EQUIPMENT EVALUATION FORM

Date of Evaluation: 9/20/2024

Vehicle Number: 49-1649
Year: 2016
Make: Ford
Model: Utility
Usage Type: Street

Life-to-date usage Hours: 156,000
Years in service: 8 Years
Year scheduled for replacement:

Drivetrain Condition:

Engine	Average for miles/hours:	<input type="checkbox"/>	Needs work:	<input checked="" type="checkbox"/>
Transmission	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>
Differential	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>

Body Condition:

Undercarriage	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>
Sheet Metal	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>
Interior	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>

Alternatives:

Retain

- keep as is/evaluate annually
- partially rebuild
- completely rebuild
- modify w/attachments and options
- shift to lighter duty application

Dispose

- Trade-in
- Sell by Village or auction
 - As is/no sale prep costs
 - Incur minimum sale prep. Costs
 - Disassemble/sell components

Replacement

- replace w/updated similar vehicle/equipment
- replace w/rented vehicle equipment as needed
- replace w/multi-functional vehicle/equipment
- replace with Fleet recycled vehicle

Notes:

This is a Street supervisor utility, it has served its purpose, however, its past the useful stage of reliability.

Joe Mancini
Vehicle Maintenance Supervisor



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Purchase Approval - Public Works Vehicle Replacement

PURPOSE

Staff is requesting the approval to purchase one (1) F-350 Pickup Truck from Currie Motors of Frankfort, IL for a total purchase price of \$35,673 plus \$16,000 that will be needed for additional equipment and upfitting to the vehicle. This purchase will replace a 2017 Chevrolet Silverado used by the Public Works Department. The purchase will be made as part of the five-year (5) lease agreement initiative that was approved by the Board of Trustees at the October 8, 2024 meeting. The total purchase price and equipment and upfitting cost for the vehicle is \$51,673.00.

PROCESS

Periodically, the Village of Homewood must replace equipment that has reached its end of life. Staff evaluates equipment on an annual basis and compiles a list of items that are recommended for replacement based on standards from the American Public Works Association (APWA) Fleet Management Program. Below is the Public Works pickup truck that is due for replacement:

- Truck #42: 2017 Chevrolet 89,000 Miles [PW Building Maintenance Division]

Through the budget process, approval was given to finance the purchase of a plow truck utilizing a five-year (5) lease program. Since the plow truck was not readily available, staff identified six (6) other vehicles for replacement. These vehicles were presented to the Board during the Village Board meeting on October 8, 2024 when the 2024 leasing program was approved. Truck #42 was identified as needing to be replaced.

Staff researched purchase options and found vehicles to be available through Homewood Ford, Currie Motors, D’Orazio Ford, and Rod Baker Ford. Below are the prices received for a F-350 pickup.

- Rod Baker Ford (Plainfield, IL) - \$47,300.03 (2024)
- D’Orazio Ford (Wilmington, IL) - \$46,496.03 (2023)
- *Homewood Ford (Homewood, IL) - \$46,103.32 (2025)*
- Currie Motors (Frankfort, IL) - \$35,673.00 (2022)



The prices provided above are for the purchase of a Ford F-250/350 pickup truck (model years ranging from 2022 to 2025). The best price is from Currie Motors for \$35,673 for a brand new **2022** Ford F-350 that meets all of our specifications. Although the truck is a 2022, the truck is absolutely new and can be delivered before the end of the fiscal year. The truck comes with a great price that includes a \$10,430.32 reduction from the closest other proposal price submitted by Homewood Ford. The truck will require safety lighting, accessories, and equipment to be installed after purchase, but these costs will be within the budgeted amount.

It's important to highlight that this is the department's first endeavor in upfitting this particular style of truck. While staff cannot provide an exact figure for the upfitting costs associated with this specific vehicle, we are confident that equipment and upfitting expenses will not exceed \$17,000.



OUTCOME

The approval of this vehicle purchase will enable the Village to replace a vital asset that has reached the end of its life.

FINANCIAL IMPACT

- **Funding Source:** Five-Year (5) Lease Agreement through BMO Harris Bank
- **Budgeted Amount:** \$80,000 in General Fund – annual lease payment covering the purchase of six (6) Public Works vehicles/equipment
- **Cost:** \$57,000 to be financed over a five-year period through a lease agreement (The cost includes the vehicle, equipment, and upfitting.)

LEGAL REVIEW

Not Required

RECOMMENDED BOARD ACTION

Waive competitive bidding due to the solicitation of direct vehicle quotes; and approve the purchase of one (1) Ford F-350 Regular Cab 4x2 from Currie Motors of Frankfort, IL in the amount of \$35,673; and, approve the purchase/installation of lighting, accessories, and equipment after purchase for a total amount not to exceed \$16,000 for a total cost of \$51,673.

ATTACHMENT(S)

- Vehicle Evaluation Forms
- Equipment Replacement Justification Forms
- Homewood Ford Quote
- Currie Motors Quote
- D’Orazio Ford Quote
- Rod Baker Ford Quote

VEHICLE/EQUIPMENT EVALUATION FORM

Date of Evaluation: 9/20/2024

Vehicle Number: 42-1742
 Year: 2017
 Make: Chevrolet
 Model: Silverado
 Usage Type: Building Maint

Life-to-date usage Hours: 89,000
 Years in service: 7 Years
 Year scheduled for replacement:

Drivetrain Condition:

Engine	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>
Transmission	Average for miles/hours:	<input type="checkbox"/>	Needs work:	<input checked="" type="checkbox"/>
Differential	Average for miles/hours:	<input checked="" type="checkbox"/>	Needs work:	<input type="checkbox"/>

Body Condition:

Undercarriage	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>
Sheet Metal	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>
Interior	Average for mileage/year:	<input checked="" type="checkbox"/>	Fair:	<input type="checkbox"/>	Poor:	<input type="checkbox"/>

Alternatives:

Retain

- keep as is/evaluate annually
- partially rebuild
- completely rebuild
- modify w/attachments and options
- shift to lighter duty application

Dispose

- Trade-in
- Sell by Village or auction
 - As is/no sale prep costs
 - Incur minimum sale prep. Costs
 - Disassemble/self components

Replacement

- replace w/updated similar vehicle/equipment
- replace w/rented vehicle equipment as needed
- replace w/multi-functional vehicle/equipment
- replace with Fleet recycled vehicle

Notes:

This is a Building maintenance pickup, it has served its purpose, however, it has passed the useful stage of reliability.

Joe Mancini
 Vehicle Maintenance Supervisor

EQUIPMENT REPLACEMENT JUSTIFICATION

	Yes	No
Is this a replacement vehicle?	X	

Is this an additional vehicle?		X
---------------------------------------	--	---

Vehicle #	42-1742
Year	2017
Make	CHEVROLET
Model	SILVERADO
Hours/Mileage	89000
Department	PUBLIC WORKS
Division	BUILDING MAINT

Common issues with vehicle & price to repair:

TRANSMISSION	\$3,200.00
REAR MAIN SEAL	\$755.00
CYLINDER HEADS	\$3,100.00
ENGINE CARBON REMOVAL	\$1,100.00
	\$8,155.00

List of additional equipment necessary to purchase

EMERGENCY LIGHTING, CONSOLE	\$3,200.00
BED COVER	\$4,800.00
BED TOOL DECK	\$2,500.00
	\$
	\$
	\$10,500.00

Vehicle Replacement Cost \$57,000.00

Budget Amount

Additional Notes:

Mensik, Tim

From: Bruce Hemminger <bhemminger@homewoodford.com>
Sent: Monday, September 30, 2024 3:07 PM
To: Mensik, Tim
Subject: 2025 Ford F250 pricing from Ford of Homewood

External Sender: Use caution with links/attachments. Use caution when replying. If you are unsure please contact IT.

Tim,

I added the upfitter switches and will get the floor mats via Ford accessories. Privacy glass is no longer an option for 2025 F250 Reg Cab XL models, but I can get the rear window tinted for you.

2025 FORD F250 REG CAB 4X2 XL 142" W.B.
6.8L V8
10 SPD AUTO TRANS
LT245/75R 17 BSW ALL-TERRAIN TIRES
3.73 ELEC-LOCKING AXLE
PLATFORM RUNNING BOARDS
INTERIOR WORK SURFACE
WHEEL WELL LINERS FRONT-REAR
UPFITTER SWITCHES
SPRAY IN BEDLINER
XL DRIVER ASSIST PKG
XL CHROME PKG
FORD ACCESSORIES FLOOR MATS
TINT REAR WINDOW

\$46,103.32 plus license, title, doc fees.

--

Bruce Hemminger
General Manager
Ford of Homewood
Home of The Lower Price Guarantee
3233 W. 183rd Street
Homewood, IL 60430
708-798-1668

CURRIE MOTORS FLEET

INVOICE

10125 West Laraway Rd
Frankfort, IL 60423

Phone: 815-464-9200

Fax: 815-464-7500

curriefleet@gmail.com

SOLD TO:
Village of Homewood

QUOTE

INVOICE NUMBER | H15122
 INVOICE DATE
 PURCHASE ORDER NO.
 SALESPERSON | Nic Cortellini
 TERMS | COD
 DELIVERY ETA

SHIPPED TO:
Village of Homewood

STOCK #	DESCRIPTION	VIN	AMOUNT
H15122	2022 Ford F-350 Pick up Bed will be installed onto the unit Pice includes M-Plates and Doc Fees QUTOE	1FDBF3A65NEG45521	\$35,673.00
FINANCE CHARGES will apply if the invoice is unpaid from <u>15 days</u> after delivery date of the vehicle. The "FINANCE CHARGES" are computed by a periodic rate of <u>1%</u> per month. The title application must be filed with Secretary of State within <u>30 days</u> or will be subject to a delinquent fee of <u>\$188.00</u>		SUBTOTAL	\$ 35,673.00
DIRECT ALL INQUIRIES TO:		MAKE ALL CHECKS PAYABLE TO:	PAY THIS AMOUNT
			\$ 35,673.00

THANK YOU FOR YOUR BUSINESS!

KTP-002037 IL

9-NORMEL, NB, 202337, NL232

14107

FIN

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GEAR CERT CERT FWD RAMP BUMPER CAMP BOOK EXPL ROTA

009650

1867/2180

1FDBF3A65 NEG45521 NB

BU09

VEHICLE DESCRIPTION

SUPER DUTY

2022 F350 SRW 4X2 REG CAB
XL 142" WB STYLE SIDE
6.2L EFI V-8 ENGINE
10-SPEED AUTOMATIC

NE G45521

EXTERIOR
OXFORD WHITE
INTERIOR
MEDIUM EARTH GRAY VINYL

EPA Fuel Economy and Environment

FUEL ECONOMY RATINGS NOT REQUIRED ON THIS VEHICLE

INCLUDED ON THIS VEHICLE

- PREFERRED EQUIPMENT PKG.6T0A
- 10-SPEED AUTOMATIC
- L7Z4975R17E BSW ALL-TERRAIN
- 733 ELECTRONIC-LOCKING AXLE
- PICKUP BOX DELT GROUP
- FRONT LICENSE PLATE BRACKET
- XL DECOR PACKAGE
- 4G LTE Wi-Fi HOTSPOT REMOVAL
- 1000# GVWR PACKAGE
- 50 STATE EMISSIONS
- BACKGLASS DEFROST
- SPARE TIRE AND WHEEL
- TRAILER BRAKE CONTROLLER
- TELESCOPING TT MIRR-POWR/HTD SIG
- CENTER HIGH MOUNT STOP LAMP
- ROOF CLEARANCE LIGHTS
- JACK
- UPFITTER SWITCHES
- 200AMP(6.2L)/240CMP(6.7L) ALTR
- PAYLOAD DOWNGRADE PACKAGE
- ADVANCED SECURITY PACK REMOVAL
- REAR VIEW CAMERA & PREP KIT
- PRIVACY GLASS
- XL VALUE PACKAGE
- .CRUISE CONTROL

(MSRP)

NO CHARGE	165.00
NO CHARGE	430.00
NO CHARGE	1,100.00
NO CHARGE	125.00
NO CHARGE	-
NO CHARGE	20.00
NO CHARGE	60.00
NO CHARGE	295.00
NO CHARGE	300.00
NO CHARGE	95.00
NO CHARGE	165.00
NO CHARGE	-
NO CHARGE	415.00
NO CHARGE	395.00

PRICE INFORMATION

BASE PRICE	\$41,960.00
TOTAL OPTIONS/OTHER	2,725.00
TOTAL VEHICLE & OPTIONS/OTHER	44,685.00
DESTINATION & DELIVERY	1,795.00

(MSRP)

STANDARD EQUIPMENT INCLUDED AT NO EXTRA CHARGE

- EXTERIOR**
 - BOX RAIL/TAILGATE MOLDINGS
 - DOOR HANDLES - BLACK
 - HEADLAMPS - AUTOLAMP
 - LOCKING REMOVABLE TAILGATE
 - PICKUP BOX, TIE DOWN HOOKS
 - NA W/BOX DLT
 - NA W/BOX DLT
 - SPARE TIRE AND WHEEL LOCK
 - TOW HOOKS
 - TRAILER SWAY CONTROL
 - WIPERS - INTERMITTENT
- INTERIOR**
 - MANUAL FRONT
 - POWER SEATING/DRIVER'S LUMBAR
 - OUTSIDE MIRROR DISPLAY (ON/OFF)
 - PARTICULATE AIR FILTER
 - STEERING - TILT/TELESCOPIC
 - WHEEL WITH AUDIO
 - VINYL SUN VISORS
- FUNCTIONAL**
 - 4-WHEEL ANTILOCK BRAKE SYS
 - FORDPASS™ CONNECT
 - HILL START ASSIST
 - JEWEL EFFECT HEADLAMPS
 - MYKEY®
 - REAR VIEW CAMERA
 - SECURITY ALERT SYS™
 - TWIN L EARM INDEPENDENT
 - FRT SUSPENSION W/STAB BAR
- SAFETY/SECURITY**
 - ADVANCETRAC™ WITH RSC®
 - AIRBAGS - SAFETY CANOPY®
 - BELT-MINDER CHIME
 - DRIVER/PASSENGER AIR BAGS
 - SECURILOCK® ANTI-THEFT SYS™
 - SOS POST-CRASH ALERT SYS™
- WARRANTY**
 - 3YR/36,000 BUMPER / BUMPER
 - 5YR/60,000 POWERTRAIN
 - 5YR/60,000 PADSIDE ASSIST
 - 5YR/100,000 DIESEL ENGINE

OPTIONAL EQUIPMENT/OTHER

NO CHARGE	165.00
NO CHARGE	430.00
NO CHARGE	1,100.00
NO CHARGE	125.00
NO CHARGE	-
NO CHARGE	20.00
NO CHARGE	60.00
NO CHARGE	295.00
NO CHARGE	300.00
NO CHARGE	95.00
NO CHARGE	165.00
NO CHARGE	-
NO CHARGE	415.00
NO CHARGE	395.00

PRICE INFORMATION

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(MSRP)

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NO CHARGE	395.00

OPTIONAL EQUIPMENT/OTHER

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NO CHARGE	430.00
NO CHARGE	1,100.00
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NO CHARGE	-
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NO CHARGE	395.00

PRICE INFORMATION

BASE PRICE	\$41,960.00
TOTAL OPTIONS/OTHER	2,725.00
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(MSRP)

NO CHARGE	165.00
NO CHARGE	430.00
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OPTIONAL EQUIPMENT/OTHER

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NO CHARGE	-
NO CHARGE	415.00
NO CHARGE	395.00

PRICE INFORMATION

BASE PRICE	\$41,960.00
TOTAL OPTIONS/OTHER	2,725.00
TOTAL VEHICLE & OPTIONS/OTHER	44,685.00
DESTINATION & DELIVERY	1,795.00

(MSRP)

NO CHARGE	165.00
NO CHARGE	430.00
NO CHARGE	1,100.00
NO CHARGE	125.00
NO CHARGE	-
NO CHARGE	20.00
NO CHARGE	60.00
NO CHARGE	295.00
NO CHARGE	300.00
NO CHARGE	95.00
NO CHARGE	165.00
NO CHARGE	-
NO CHARGE	415.00
NO CHARGE	395.00

45 YEARS BUILT TOUGH

F-SERIES AMERICA'S BEST SELLING TRUCKS

The FordPass™ Connect (modem is active and sending vehicle data) requires an internet connection and settings for connectivity options.

*Based on 1977-2021 CY total sales.

**FordPass Connect (optional on select vehicles), the FordPass app, and the FordPass mobile app/connected service are used for this award. Connected service and features depend on compatible AT&T and Verizon networks. Network availability, network coverage, and network functionality may limit functionality and prevent operation of connected features. Connected service excludes Wi-Fi hot spot.

FORD PROTECT

Insist on Ford Protect! The only extended service plan fully backed by Ford and honored at every Ford dealership in the U.S., Canada and Mexico. See your Ford dealer or visit www.FordOwner.com.

SCAN OR TEXT 1.FHEM552. TO 9829

Get 8 Data Points Every 30 Days Text Help

www.ford.com/fordpassconnect

1FDBF3A65NEG45521

WARNING: Operating, servicing and maintaining a passenger vehicle, pickup truck, van, or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, nitrates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.

Item 11. G.

10/24/2024

D'Orazio Ford
1135 S Water St
Wilmington, Will, IL 60481
dorazioford.com

Deal # 57772 Customer # 26383 Christian Castillo
Contact Sales: (815) 476 - 5205 CC
adorazio@dorazioford.com

Village Of Homewood Village Of Homewood
+1-(815) 735 - 6979 | +1-(708) 206 - 2915 |
jmancini@homewoodil.gov
2020 CHESTNUT RD, Homewood, IL 60430

2023 Ford Super Duty F-250 SRW
XL

VIN : 1FTBF2AA3PED43229 | Stock # : LOCATE
XL | Rear Wheel Drive | Naturally Aspirated | 6.8L | 8 | GAS |
Regular Cab Pickup - Long Bed | Truck/Van

Cash

\$0.00
Customer Cash \$46,496.03

Payment Detail

MSRP	\$46,720.00
Discount	\$1,000.00
Selling Price	\$45,720.00
ERT Fee	\$35.00
Documentation Fee	\$358.03
Registration Fee	\$218.00
Title Certificate Fee	\$165.00
Unpaid Cash Balance	\$46,496.03

X
Customer Signature & Date

X

Christian Castillo, Manager Signature & Date

Payments offered here are subject to final credit approval from the lending institution. Vehicle Price does NOT include accessories and is before taxes and/or applicable fees. Leases in some cases require additional cash for Security Deposit, and at Lease's End, Lessee is responsible for \$0.25 per Mile over 15000 Miles per year and a Disposition Fee of \$495.00. Wear and tear guidelines apply. All prices, specifications, and availability subject to change without notice.

KTP-001537

IN

9-NORMAL, NB, 201537, PF132

17464

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TRD

RAMP

BUMP

BOOK

EXFL

ROTA

1014390

14547233

1FTBFZAA3

PED43229

NB



SUPER DUTY

PE D43229

California Air Resources Board

Environmental Performance

STANDARD EQUIPMENT INCLUDED AT NO EXTRA CHARGE

- EXTERIOR**
 - BOX RAIL/TAILGATE MOLDINGS
 - DOOR HANDLES - BLACK
 - HEADLAMPS - AUTOLAMP (ON/OFF)
 - PICKUP BOX TIE-DOWN HOOKS
 - POWER TAILGATE LOCK
 - TOW HOOKS
 - TRAILER BRAKE CONTROLLER
 - TRAILER SWAY CONTROL
 - WIPERS - INTERMITTENT
- INTERIOR**
 - 42" PRODUCTIVITY SCREEN
 - AIR COND. MANUAL FRONT
 - DOOR SUN VISORS
 - DRIVER SEAT-MANUAL LUMBAR
 - OUTSIDE THERM DISPLAY
 - PARKING ASSIST
 - POWER LOCKS AND WINDOWS
 - STEERING WHEEL TELESCOPE
 - CRUISE & AUDIO CONTROLS

- FUNCTIONAL**
 - 4-WHEEL ANTILOCK BRAKE SYS
 - FORDPASS™ CONNECT 5GWIFI HOTSPOT TELEMATICS MODEM
 - HILL START ASSIST
 - REAR VIEW CAMERA
 - REMOTE KEYLESS ENTRY
 - SYNC®4 W/8" SCREEN
 - TWIN J-BEAM INDEPENDENT FRNT SUSPENSION W/STAB BAR
- SAFETY/SECURITY**
 - ADVANCED TRACT™ WITH RSC®
 - AIRBAGS - SAFETY CANOPY®
 - BELT-MINDER CHIME
 - DRIVER/PASSENGER AIR BAGS
 - SECURILOCK® ANTI-THEFT SYS
 - SOS POST-CRASH ALERT SYS™
- WARRANTY**
 - 3YR/35,000 BUMPER / BUMPER
 - 5YR/100,000 DIESEL ENGINE
 - 5YR/60,000 POWERTRAIN
 - 5YR/60,000 ROADSIDE ASSIST

- EXTERIOR**
 - OXFORD WHITE
 - MEDIUM DARK SLATE VINYL

INCLUDED ON THIS VEHICLE

- OPTIONAL EQUIPMENT/OTHER**
 - PREFERRED EQUIPMENT PKG 600A
 - 10-SPEED AUTO TORQSHIFT-G
 - ELECTRONIC LOCKING AXLE
 - 1000 LB TOW PKG
 - 50 STATE EMISSIONS
 - 120W/400W OUTLET
 - JACK
 - UPFITTER SWITCHES
 - 250 AMP ALTERNATOR

PRICE INFORMATION	(MSRP)
BASE PRICE	\$43,970.00
TOTAL OPTIONS/OTHER	855.00
TOTAL VEHICLE & OPTIONS/OTHER DESTINATION & DELIVERY	44,825.00
	1,895.00

VEHICLE DESCRIPTION	VEHICLE TYPE
CA1K	CONVOY
REGISTRATION	47-R201 0T 5C

TOTAL MSRP \$46,720.00

Whether you decide to lease or finance your vehicle, you'll find the choices that are right for you. See your dealer for details or visit www.ford.com/finance.

SPECIAL ORDER

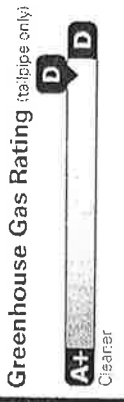
PF132 N RB 2X 340 001537 05 13 23

This label is affixed pursuant to the Federal Automobile Information Disclosure Act. Gasoline, License, and Title Fees, State and Local taxes are not included. Dealer installed options or accessories are not included unless listed above.

Environmental Performance

These ratings are not directly comparable to the U.S. EPA/DOT light-duty vehicle label ratings. For information on how to compare, please see www.arb.ca.gov/ep_label.

Protect the environment. Choose vehicles with higher ratings:



Vehicle emissions are a primary contributor to climate change and smog. Ratings are determined by the California Air Resources Board based on this vehicle's measured emissions.



GOVERNMENT 5-STAR SAFETY RATINGS

Overall Vehicle Score	Not Rated
Based on the combined ratings of frontal, side and rollover. Should ONLY be compared to other vehicles of similar size and weight.	
Frontal Crash	Not Rated
Driver Passenger	Not Rated
Based on the risk of injury in a frontal impact. Should ONLY be compared to other vehicles of similar size and weight.	
Side Crash	Not Rated
Front seat Rear seat	Not Rated
Based on the risk of injury in a side impact.	
Rollover	Not Rated
Based on the risk of rollover in a single-vehicle crash.	

Star ratings range from 1 to 5 stars (★-★-★-★-★), with 5 being the highest. Source: National Highway Traffic Safety Administration (NHTSA). www.safercar.gov or 1-888-327-4236



1FTBFZAA3PED43229

WARNING: Operating, servicing and maintaining a passenger vehicle, pickup truck, van, or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, phthalates, and lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust. Do not use the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.PCMWarnings.ca.gov/passenger-vehicle.



FORD PROTECT™
Continued Service Plan
Insist on Ford Protect! The only extended service plan fully backed by Ford and honored at every Ford dealership in the U.S., Canada and Mexico. See your Ford dealer or visit www.FordOwner.com.



High 6 Bars
Scan to view
Your VIN
Key Help
For Help



The FordPass™ Connect modern is a live and sending vehicle data (e.g., diagnostic trouble codes) to your vehicle settings for connectivity options.

*Based on 1917-2022 CY Total Sales.
**FordPass Connect (optional on select vehicles). Service is required for programming. Connected FordPass Terms for data use. Connected service and features depend on connectivity. AT&T, Verizon and other carriers may limit functionality. Connected service availability may vary by location. Connected service excludes Wi-Fi hotspot.

Item 11. G.



Date: 10/23/2024
 Salesperson: James Fritz
 Manager: James Fritz
 Customer ID #: 1FTBF2VIL

FOR INTERNAL USE ONLY

BUSINESS NAME CONTACT VILLAGE OF HOMEWOOD Home Phone : (815) 735-6979
2020 CHESTNUT RD 17755 ASHLAND AVE
 Address : HOMEWOOD, IL 60430 Work Phone : (219) 407-1378
COOK CO
 E-Mail : TMENSIK@HOMEWOODIL.GOV Cell Phone : (815) 735-6979

VEHICLE
 Stock # : T24581 New / Used : **New** VIN : 1FTRF3AA7REF43067 Mileage: 14
 Vehicle : 2024 Ford F-350 Color : Oxford White
 Type : XL 4x2 SD Regular Cab 8 ft. box 142 F3A

Market Value Selling Price	48,769.00
Rebate	2,000.00
Adjusted Price	46,769.00
Doc Fee	358.03
Plate Fee	8.00
Title Fee	165.00
Balance	47,300.03

Customer Approval: _____ Management Approval: _____
 By signing this authorization form, you certify that the above personal information is correct and accurate, and authorize the release of credit and employment information. By signing above, I provide to the dealership and its affiliates consent to communicate with me about my vehicle or any future vehicles using electronic, verbal and written communications including but not limited to eMail, text messaging, SMS, phone calls and direct mail. Terms and Conditions subject to credit approval. For Information Only. This is not an offer or contract for sale.

KTP-003539

IL

9-NORMAL, NB, 103539, RJ171

10368

VEHICLE DESCRIPTION

SUPER DUTY

2024 F350 SRW 4X2 REG CAB
XL 142" WB STYLESIDE
6.8L DEVC7 NA PFI V8 ENGINE
10-SPEED AUTO TORQSHIFT-G



ford.com

STANDARD EQUIPMENT INCLUDED AT NO EXTRA CHARGE

- EXTERIOR**
- DOOR HANDLES - BLACK
 - HEADLAMPS - AUTOLAMP (ON/OFF)
 - TON HOOPS
 - REAR BRAKE CONTROLLER
 - TRAILER TOW MIRRORS
 - WIPERS - INTERMITTENT

- INTERIOR**
- 4.2" PRODUCTIVITY SCREEN
 - AIR COND, MANUAL, FRONT
 - DRIVER SEAT-MANUAL LUMBAR
 - OUTSIDE TEMP DISPLAY
 - PARTICULATE AIR FILTER
 - POWER LOCKS AND WINDOWS
 - STEERING WHEEL TELESCOPE, CRUISE & AUDIO CONTROLS

- FUNCTIONAL**
- 4-WHEEL ANTILOCK BRAKE SYS
 - FORDPASS™ CONNECT 5GM-FI HOTSPOT TELEMATICS MODEM
 - HILL START ASSIST
 - REAR VIEW CAMERA
 - REMOTE KEYLESS ENTRY
 - SYNC®4 W/8" SCREEN
 - TWIN I-BEAM INDEPENDENT FRT SUSPENSION W/STAB BAR

- SAFETY/SECURITY**
- ADVANCETRAC™ WITH RSC®
 - AIRBAGS - SAFETY CANOPY®
 - BELT-MINDER CHIME
 - DRIVER/PASSENGER AIR BAGS
 - SECURILOCK® ANTI-THEFT SYS™
 - SOS POST-CRASH ALERT SYS™

- WARRANTY**
- 3YR/36,000 BUMPER / BUMPER
 - 5YR/100,000 DIESEL ENGINE
 - 5YR/60,000 POWERTRAIN
 - 5YR/60,000 ROADSIDE ASSIST

RE F43067

EXTERIOR OXFORD WHITE
INTERIOR MEDIUM DARK SLATE VINYL

INCLUDED ON THIS VEHICLE (MSRP)

- OPTIONAL EQUIPMENT/OTHER**
- PREFERRED EQUIPMENT PKG.610A
 - 10-SPEED AUTO TORQSHIFT-G
 - 3.75 ELECTRONIC-LOCKING AXLE
 - FRONT LICENSE PLATE BRACKET
 - PLATFORM RUNNING BOARDS
 - 10500# GWR PACKAGE
 - 50 STATE EMISSIONS
 - 120V/400W OUTLET
 - JACK
 - LED BOX LIGHTING
 - LED TURN SIGNALS
 - 250 AMP ALTERNATOR
 - TAILGATE STEP
 - XL CHROME PACKAGE
 - FOG LAMPS

DEALER INSTALLED OPTIONS

Commercial Roadside Assistance

(MSRP)

NO CHARGE	60.00
NO CHARGE	430.00
NO CHARGE	320.00
NO CHARGE	175.00
	165.00
	165.00
	375.00
	225.00
	230.00

PRICE INFORMATION

BASE PRICE	\$46,015.00
TOTAL OPTIONS/OTHER	2,065.00
TOTAL VEHICLE & OPTIONS/OTHER DESTINATION & DELIVERY	48,080.00
	1,995.00

(MSRP)

	\$46,015.00
	2,065.00
	48,080.00
	1,995.00

RAMP ONE

RC73

RAMP TWO

RAIL

ITEM #: 41-D554 O/T 2

This label is affixed pursuant to the Federal Automobile Information Disclosure Act. Gasoline, License, and Title Fees, State and Local taxes are not included. Dealer installed options or accessories are not included unless listed above.

RJ171 N RB 2X 430 003539 09 17 24

TOTAL MSRP \$50,075.00

Whether you decide to lease or finance your vehicle, you'll find the choices that are right for you. See your dealer for details or visit www.ford.com/finance.

UIC CERT/CERT CERT TRD RAMP BUMPER/CAME B/COR/BEX/ET/ROTR

025602 24.07/34.61

1FTRE3AA7 REF43067 NB

California Air Resources Board

Flexible-Fuel Vehicle Gasoline-Ethanol (E85)

Environmental Performance

These ratings are not directly comparable to the U.S. EPA/DOT light-duty vehicle label ratings. For information on how to compare, please see www.arb.ca.gov/ep_label.

Protect the environment. Choose vehicles with higher ratings:

Greenhouse Gas Rating (tailpipe only)



Cleaner

Smog Rating (tailpipe only)



Cleaner

Using alternative fuels may change scores.

Vehicle emissions are a primary contributor to climate change and smog. Ratings are determined by the California Air Resources Board based on this vehicle's measured emissions.



The FordPass™ Connect modem is active and sending vehicle data (e.g., diagnostics) to Ford.™ See in-vehicle settings for connectivity options.

*Based on 1977-2023 CY total sales. **FordPass Connect (optional on select vehicles), the FordPass App and complimentary Connected Services are required for more features (see FordPass.com for details). Features, availability and features depend on compatible AT&T network availability. Evolving technology/cellular network/vehicle capability may limit functionality of certain features. Connected services exclude Wi-Fi hotspot.

FORD PROTECT
Insite on Ford Protect! The only extended service plan fully backed by Ford and honored at every Ford dealership in the U.S., Canada and Mexico. See your Ford dealer or visit www.FordOwner.com.

1FTRE3AA7REF43067



WARNING: Operating, servicing and maintaining a passenger vehicle, pickup truck, van, or off-road vehicle can expose you to chemicals including engine exhaust, carbon monoxide, nitrates, lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize exposure, avoid breathing exhaust, do not idle the engine except as necessary, service your vehicle in a well-ventilated area and wear gloves or wash your hands frequently when servicing your vehicle. For more information go to www.P65Warnings.ca.gov/passenger-vehicle.



Item 11. G.

10/24/2024



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Homewood Water Plant #1 System Upgrades

PURPOSE

A motor control center (MCC) is a centralized assembly that controls multiple electric motors in water plants. The motors are used to move water to and through the water plants. Motor Control Centers (MCC) enhance the efficiency, safety, and reliability of operations in water plants, making them essential for effective water management. The current MCC at Water Plant #1 is the heart of the water system, pumping 2.5mgd (million gallons daily) and controlling five (5) water pumps. The MCC is now 42 years old. The age of the system has led to increased maintenance costs, risk of failure, and safety concerns for staff.

The Public Works staff is able to perform much of the preventative maintenance required on the system, but due to the age of the MCC, parts have become obsolete and/or impossible to find. The maintenance challenges pose a significant threat to the efficiency and reliability of the water facility, potentially impacting water delivery to not only our community but those we service (Flossmoor and East Hazel Crest). Upgrading to a new *variable frequency drive* system (VFD) will improve the efficiency of our pumps and motors, allowing them to gradually adjust speeds to maintain system-wide pressure. Public Works is requesting the Board approve upgrades to the motor control center at Water Plant #1 using Metropolitan Industries, of Romeoville, IL in the amount of \$543,482.00.

BACKGROUND

What is a Motor Control Center?

In a water treatment plant, Motor Control Centers (MCCs) play a crucial role in managing the various electric motors that drive the pumps and equipment needed for the movement and distribution of water. Motor Control Centers provide the following functions:

Centralized Control: MCCs provide a centralized location for controlling and monitoring multiple motors that operate pumps, blowers, fans, and other machinery necessary for the water distribution processes.



Automation: MCCs often integrate with automated control systems (like SCADA systems) to allow for remote monitoring and control of motors, facilitating operational efficiency and reliability.

Protection: MCCs protect motors from overload, short circuits, and other electrical faults through circuit breakers, fuses, and overload relays. This is crucial for the continuous and safe operation of water treatment processes.

Power Distribution: MCCs organize electrical power distribution to various equipment across the plant, ensuring that motors receive the necessary voltage and current while minimizing the risk of electrical failures.

Operational Flexibility: Operators can easily start, stop, and adjust the speed of motors as needed for different treatment processes such as filtration, aeration, and chemical dosing.

Components of MCCs in Water Treatment Plants

Motor Starters: Soft starters and variable frequency drives (VFDs) may be included to control the starting and running of motors smoothly, especially for high-torque applications like pumps. Variable frequency drives (VFDs) are frequently used in motor control centers because they provide precise speed control for motors, enabling significant energy savings by allowing motors to operate at only the required speed, which is especially beneficial in applications with fluctuating load demands, leading to improved operational efficiency and reduced energy costs.

Protection Equipment: Includes thermal overload relays, circuit breakers, and fuses to safeguard machinery against electrical faults.

Control Panels: Interfaces for operators to monitor the status of motors, set parameters, and respond to alarms.

Communication Interfaces: Integration with control systems to enable data exchange and operational monitoring.

Enclosures: Weatherproof or corrosion-resistant enclosures to protect electrical components from environmental conditions commonly found in water treatment facilities.

Pumping Systems: Used for raw water intake, treatment processes, and distribution to storage or directly to consumers.

Aeration Blowers: To add oxygen to aeration tanks for biological treatment processes.



Chemical Feed Pumps: Used to accurately dose chemicals required for disinfection and coagulation.

PROCESS

To assess the current conditions of the facility, staff reached out to Metropolitan Industries of Romeoville, IL as they are the Village's primary contractor for professional services for all Village municipal stations (water plants, booster stations, sanitary sewer lift stations, and the storm water pumping station). The Public Works Department uses MetroCloud which has provided Supervisory Control and Data Acquisition (SCADA) software for years. SCADA is the system that monitors and controls water treatment processes by collecting, analyzing, and displaying real-time data. This software is integrated into all the water and sanitary lift stations for monitoring performance and alarms. Due to the critical nature of the planned system upgrades, which must effectively communicate with the SCADA software, collaboration with Metropolitan Industries is essential.

Staff conducted a thorough evaluation of Water Plant #1 with the Metropolitan Industries team to discuss the difficulties that the Village is facing due to the aging equipment. Additionally, upgrading to a new variable frequency drive (VFD) will improve efficiency of the Village's pumps and motors, allowing them to adjust speeds to maintain system-wide pressure rather than turning on and off as needed.

Why Metropolitan Pump?

Metropolitan Industries has a strong track record, boasting 70 years of experience in the industry. They played a key role in the construction of Water Plant #1 in 1982 and have been assisting the Village with system maintenance and improvements ever since. In consideration of their extensive history with the Village's infrastructure and the success of their most recent major project at Water Plant #3 in Thornton, staff is very confident in Metropolitan's expertise as it pertains to this project and future endeavors in Homewood.

Staff is requesting to waive competitive bidding according to the Village's purchasing policy for the following reasons:

- Proprietary Purchase - *Metropolitan Industries is a major industry leader in Motor Control Centers and are Public Works' go to for parts, equipment and repairs.*
- Equipment Standardization – *Metrocloud SCADA system is Metropolitan Industries proprietary software.*
- Manufacturer, Repair, and Authorized Dealer/Seller – *Metropolitan Industries have relationships with major manufacturers and dealers.*
- Technical nature of item makes competition impractical or will negate standardization
- Utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance – *Metropolitan Industries is the Village's most reliable vendor as it relates to maintenance and repairs.*



OUTCOME

Approval of this system upgrade will enable Public Works to replace an important water asset, increase efficiency, and ensure reliable delivery of water to our users. This upgrade will also address the safety concerns associated with the automatic transfer switch.

FINANCIAL IMPACT

- **Funding Source:** Water & Sewer Capital Fund
- **Budgeted Amount:** \$560,000
- **Cost:** \$543,482

LEGAL REVIEW

Not Required

RECOMMENDED BOARD ACTION

Waive competitive bidding due to a proprietary purchase, equipment standardization, manufacturer, repair, and authorized dealer/seller, technical nature of item makes competition impractical or will negate standardization, and utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance; and, approve the system upgrades for Water Plant #1 from Metropolitan Industries of Romeoville, IL in an amount not to exceed \$543,482.00.

ATTACHMENT(S)

- Photo
- Metropolitan Industries Homewood Water Plant #1 Proposal



Project: Water Pump Station #1
Homewood, IL.

Mr. Joshua Burman - Homewood, IL. Public Works

We are pleased to provide the following QUOTATION for a Metropolitan Upgrade Package for the subject project.

Homewood, IL. Pump Station #1 Upgrades

QTY	DESCRIPTION
1	Control Panel
1	Enclosure - NEMA 12, Continuous Hinge, Quarter Turn Latches, Painted Mild Steel
1	Subpanel for Enclosure, Painted Mild Steel
1	LED Light Kit - Door Switch Activated
1	Door Stop Kit
1	Data Pocket
1	Programmable Logic Controller - Allen Bradley MicroLogix 1400, 24 VDC, Memory Module, Sufficient I/O + Spares
1	Operator Interface - 10" Color Touch Screen
1/L	Hand / Off / Auto Switches - 30 mm
1/L	Indicator Lights - 30 mm push-to-test
1/L	Fuse Holders, Fuses, Circuit Breakers
1/L	Relays, Sockets, Timers
1	Ethernet Switch - Unmanaged, 8 Port
1/L	Ethernet Patch Cables
1/L	Ethernet Surge Protection
1	Network Firewall / Router
1/L	Analog Isolators, Converters, Splitters
1	Uninterruptable Power Supply - 1500 VA, 120 Volt including Surge Protection & Output Relay
1	Cellular Modem
1/L	Antenna, Coaxial Cables, Connectors, Surge Protection
1/L	Spare Parts - Control Fuses, Equipment Fuses and Indicating Lamps
3	60 HP - Ultra Low Harmonic with Packaged Fused Disconnect & Bypass FVNR Starters
2	100 HP - Ultra Low Harmonic with Packaged Fused Disconnect & Bypass FVNR Starters
1	800 Amp, 480 Volt, 3 Phase, 4 Wire, Open Chassis ATS
5	Feeder Breaker Buckets for Installation into Existing MCC

TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.

THIS QUOTATION, SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE HEREOF, MAY BE ACCEPTED ONLY BY SIGNING ONE COPY OF THIS QUOTATION AND RETURNING IT TO METROPOLITAN PUMP CO. NOT LATER THAN THE DATE INDICATED ON THE FACE HEREOF AFTER WHICH THIS QUOTATION IS VOID. THIS QUOTATION AFTER ACCEPTANCE BY BUYER MAY BE CANCELLED BY EITHER PARTY WITH NO PENALTY ONLY IF ENGINEER FAILS TO APPROVE SELLERS APPROVAL BROCHURE.

Accepted: _____
Firm: _____
By: _____
Title: _____

Quotation No: Keith091924MS
Submitted: 19-Sep-24
Void after: 1-Dec-24
Prepared By: Keith Girup

Homewood.PumpStation#1.Quotation



Project: Water Pump Station #1
Homewood, IL.

Homewood, IL. Pump Station #1 Upgrades (Continued)

QTY	DESCRIPTION
1/L	Services & Related Installation Materials
1/L	De-energize, disconnect, remove existing pump feeders (selectively)
1/L	Disconnect & remove (5) MCC buckets as directed (selectively)
1/L	Disconnect, remove existing ATS integral to MCC
1/L	Install (5) new MCC buckets
1/L	Install (3) 60hp VFDs near pump
1/L	Install (2) 100hp VFDs near pump
1/L	F&I feeders for (3) 60hp pumps from MCC bucket to respective VFD
1/L	F&I feeders for (2) 100hp pumps from MCC bucket to respective VFD
1/L	F&I feeders from VFD to respective pumps
1/L	Provide final terminations to (3) 60hp & (2) 100hp pumps
1/L	Install new 800A ATS in MCC and re-terminate existing cables
1/L	Coordinate all shutdowns with Homewood personnel
1/L	Install new control panel
1/L	F&I (1) 1" w/(16) #12 control wires from control panel to each VFD (5 total)
1/L	F&I (1) 1" w/(3) 18/2 TSP cables from control panel to each VFD (5 total)
1/L	F&I (1) 3/4" w/(1) Cat 6 Ethernet cable from control panel to each VFD (5 total)
1/L	Provide all terminations in control panel and VFD
1/L	PLC Programming
1/L	Operator Interface Graphical Development
1/L	SCADA integration
1/L	Submittal Engineering
1/L	Operation & Maintenance Manuals / As-Builts
1/L	Start-up / Cut-over Coordination / Training
1/L	Freight to Homewood, IL.

Your Cost for the listed equipment and services is as follows:

\$543,482.00

- * New control panel to mounted adjacent to existing to allow for staged cut-over from old to new, one pump at a time.
- * Marathon representative confirmed the existing motors are suitable for use with VFDs (10:1 Variable Torque)
- * Bonds, Allowances, Permits, Taxes, Fees and Special Licenses are not included if required.

TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.

THIS QUOTATION, SUBJECT TO THE CONDITIONS ON THE REVERSE SIDE HEREOF, MAY BE ACCEPTED ONLY BY SIGNING ONE COPY OF THIS QUOTATION AND RETURNING IT TO METROPOLITAN PUMP CO. NOT LATER THAN THE DATE INDICATED ON THE FACE HEREOF AFTER WHICH THIS QUOTATION IS VOID. THIS QUOTATION AFTER ACCEPTANCE BY BUYER MAY BE CANCELLED BY EITHER PARTY WITH NO PENALTY ONLY IF ENGINEER FAILS TO APPROVE SELLERS APPROVAL BROCHURE.

Accepted: _____
Firm: _____
By: _____
Title: _____

Quotation No: Keith091924MS
Submitted: 19-Sep-24
Void after: 1-Dec-24
Prepared By: Keith Girup

STANDARD CONDITIONS OF SALE
(Domestic Shipments)

Item 11. H.

1. TERMS

Standard terms are net thirty days from date of invoice. Products are sold F.O.B. Factory unless otherwise stated. A 2% per month service charge is added to overdue accounts.

It is understood that the purchaser agrees to pay any and all costs incurred in collecting delinquent accounts, including by way of illustration but not limited to: reasonable attorney fees; costs of witnesses and expert witnesses, including travel from point of origin and return, subsistence and recompense for time lost from regular occupation; court costs, depositions, transcripts, etc.

Quotations are subject to acceptance within thirty days from the date, and in the interim, are subject to changes in price or other particulars upon notice.

All offers to purchase, quotations, and contracts of sales are subject to final acceptance by Metropolitan Pump (hereinafter called the Company) at its office at Romeoville IL: and shall be and constitute an Illinois Contract, subject to the laws of the State of Illinois.

2. SALES AND SIMILAR TAXES

Sales, use, occupational, excise, or other similar taxes are not included in the prices quoted and if this transaction is subjected to any such tax by any taxing authority whatever, the same must be added to the purchase price.

3. DELIVERIES

The Company shall be under no liability for failure to make deliveries where such failure to deliver may be due to fires, strikes, accidents, labor or transportation difficulties, car shortage, failure to obtain deliveries of materials, action of any State, Federal or local governments or other causes beyond its reasonable control.

4. ESTIMATED SHIPPING WEIGHTS

The Company will not be responsible for the accuracy of shipping weights submitted in quotations, as these weights are estimated weights, for use in computing probable freight charges.

5. GUARANTEES

RATED OUTPUT

The Company guarantees that the apparatus manufactured by it will deliver successfully its output as indicated on the nameplate, provided such apparatus is properly installed and maintained, correctly lubricated, operated under normal conditions and with competent supervision.

REPLACEMENT OF DEFECTIVE MATERIAL

Any pans which show faulty workmanship or material will be repaired or replaced without charge F.O.B. Company's works, provided such defects develop under normal and proper use within three months after date of shipment and provided Purchaser shall give notice in writing to the Company and a chance to inspect such defects before repairing or altering the product in any way. The correction of such defects by repair or replacement by the Company shall constitute a fulfillment of its obligation to the Purchaser.

NON-LIABILITY FOR LOSS OR DAMAGE

The Company will not be responsible for or liable for any loss or damage resulting from improper storage or handling prior to placing the apparatus in service and will not assume any responsibility, expense or liability for repairs made outside its works without proper written consent of the company. The Company will not be responsible or liable for any damage or loss resulting from installation or operation in any manner not complying with installation or operating instructions or drawings or with the ratings marked thereon.

CONTINGENT LIABILITY

The Company will not be responsible or liable in any way for consequential damage or contingent liability resulting from nondelivery, late delivery, function, malfunction or nonfunction or any equipment sold hereunder or resulting from any service provided or from malfeasance or nonfeasance of any service provided hereunder.

6. CHANGES

In event the Purchaser finds it necessary to make changes in the work to be performed hereunder, he may do so only by written order. If such changes cause an increase or decrease in the amount due for apparatus sold hereunder, or in the time required for completion of resulting order, an equitable adjustment shall be made and the order shall be modified accordingly.

7. TERMINATION

In the event Purchaser, due to good and sufficient cause, desires to effect cancellation of sales or services sold hereunder, notice shall be given in writing to the Company.

The Company shall thereupon, as directed, cease work and deliver to the Purchaser all completed and partially completed articles and materials and work in process. The Purchaser shall pay the Company the following:

- (a) The price provided in the order for all articles or materials which have been completed prior to termination.
- (b) Actual expenditures made by the Company in connection with the incompleting portion of the order, including reasonable cancellation charges paid by the Company for which it may be liable on account of commitments made under the order.
- (c) Reasonable estimated profits on the incompleting portion of the order multiplied by the percentage of completion of the incompleting portion of the order.

8. DEFERRED DELIVERIES

Deferred deliveries are subject to Company's approval. Should the Purchaser for good and sufficient cause desire that we hold up or defer deliveries until some later day, same shall be acceptable on the following conditions only:

- (a) Deferment period is not to exceed sixty days, at the end of which time, if no release is given, Company reserves the right to render invoice and make shipment of the completed portion of order to destination specified in Purchaser's order, or to warehouse such apparatus at Purchaser's expense.
- (b) On the incompleting portion of the order, if release is not given by the Purchaser at the expiration of sixty days, the Company reserves the right to make a cancellation charge on the same conditions and terms of payment as outlined above under "Termination."

9. PATENTS

The Company certifies that to the best of its knowledge the apparatus sold hereunder does not infringe any Patent granted to others by the United States of America or by any country foreign thereto. The Company does not assume any responsibility or liability for any claim of infringement brought against the Purchaser, its successors, assigns, customers or users of its product.

10. PAYMENTS

If, in the judgment of the Company, the financial condition of the Purchaser at any times does not justify continuance of the production or shipment on the terms of payment specified, the Company may require full or partial payment in advance.

Pro rata payments shall become due as shipments are made. If shipments are delayed by the Purchaser, payments shall become due from date when the Company is prepared to make shipment. If manufacture is delayed by the Purchaser, payment shall be made based on the contract price and the percentage of completion. Apparatus held for the Purchaser shall be at the risk and expense of the Purchaser.

11. FEDERAL AND STATE LAWS

The Company, to the best of its knowledge, is complying with The Fair Labor Standards Act, Public Contracts Act and all other applicable State and Federal Laws, and the orders and regulations issued thereunder.

12. GENERAL

There are no understandings, agreements or warranties, either verbal or written, relating to the apparatus sold hereunder that are not fully expressed herein and no change in the terms hereof may be made except by a writing signed by both parties.

No statement, recommendation or assistance made or offered by Company through its representatives to the Purchaser or his representatives in connection with the use of any product sold by us shall be or constitute a waiver by Company of any of the provisions hereof or change the purchaser's liability as herein defined.

Seller represents that with respect to the production of the articles and/or the performance of the services covered by this proposal, it has fully complied with Section 12 (a) of the Fair Labor Standards Act of 1938, as amended.





BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Joshua Burman, Director of Public Works

Topic: Programmable Logic Controllers and Communication System Upgrades (Phase 1)

PURPOSE

During last year's budget discussions and the formulation of the five-year (5) capital plan, it was decided that the Motor Control Center (MCC) at Water Plant #1 needed to be replaced. The replacement of the MCC also necessitates upgrades to the Programmable Logic Controllers (PLC) and Communication Systems, since many controls and radio communications at the stations are outdated and have reached the end of their service life.

Due to the substantial cost and scope of this project, staff developed a phased replacement schedule for the controls and communications at the water facilities, sanitary lift stations, and stormwater stations. Staff requests the Village Board approve the Programmable Logic Controllers (PLC) and Communication System Upgrades (Phase 1) from Metropolitan Industries, of Romeoville, IL for the water stations in an amount not to exceed \$145,461.

PROCESS

Why are PLC and Communication upgrades needed?

The replacement of the Motor Control Center at Water Plan #1 will necessitate upgrades to the Programmable Logic Controllers (PLC) and Communication Systems, since many controls and radio communications at the stations are outdated and have reached the end of their service life.

To address these challenges, staff conducted a comprehensive evaluation of Water Plant #1 in collaboration with the Metropolitan Industries team, focusing on the issues stemming from aging equipment. Due to the interconnected nature of the stations through MetroCloud, the Village's Supervisory Control and Data Acquisition (SCADA) system provided by Metropolitan Industries, it is imperative to upgrade these systems to ensure seamless integration across all stations. The SCADA system monitors and controls water treatment processes by collecting, analyzing, and displaying real-time data, and it is critical for monitoring performance and alarms at all water and sanitary lift stations.

Consideration of the upgrades to the PLC and Communication Systems is dependent upon Board approval of the Water Plant #1 upgrades, which will make it imperative to upgrade all the water



sites within Phase 1: West Elevated Tank, Central Elevated Tank, East Elevated Tank, Water Plant #2, 183rd Booster Station, and the Flossmoor Meter Vault. (Central Elevated Tank upgrades will be transferable to the new tank after it is constructed without any issues.)

Phase 1 – Upgrades at the water sites

Phase 2 & 3- Upgrades at sanitary lift stations

Phase 4 & 5- Upgrades at stormwater sites

Why Metropolitan Industries?

Metropolitan Industries has been providing professional services to Homewood for over 42 years. They have performed maintenance at all of the Village stations and have the skill set and experience to perform all of the needed updates, ensuring smooth communications with MetroCloud. The station upgrades will consist of removing all existing controllers and radio communications, installing Programmable Logic Controllers (PLCs), and connecting each station to a cellular modem, which will streamline communications to the cloud (added level of security). The levels of security in this day and age are critical, and MetroCloud has been leading in the water industry as a top performer. They have hosted many seminars with the U.S. Department of Homeland Security educating municipalities on ways that they can protect their systems.

Staff is requesting to waive competitive bidding according to the Village’s purchasing policy for the following reasons:

- Proprietary Purchase
- Equipment Standardization
- Manufacturer, Repair and Authorized Dealer/Seller
- Technical nature of item makes competition impractical or will negate standardization
- Utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance

OUTCOME

Approval of this PLC and Communications Upgrade (Phase 1) will enable Public Works to replace important water assets, streamlining station operations and communications with SCADA. Providing accurate data from each station will increase staff efficiency when performing preventative maintenance or responding to station alarms, ensuring reliable services to our users.

FINANCIAL IMPACT

- **Funding Source:** Water and Sewer Capital
- **Budgeted Amount:** \$120,000



- **Budget Amendment Request:** \$26,000 (*transfer from Sanitary Sewer Lining project that came in under budget by approximately \$116,000*)
- **Cost:** \$145,461

LEGAL REVIEW

Not Required

RECOMMENDED BOARD ACTION

Approve a budget amendment in the amount of \$26,000; waive competitive bidding for Programmable Logic Controller and Communication Upgrades (Phase 1) due to a proprietary purchase, equipment standardization, manufacturer, repair and authorized dealer/seller, technical nature of item makes competition impractical or will negate standardization, and utilization of a vendor currently under contract or that serves as the Village designated vendor for system maintenance, for Metropolitan Industries of Romeoville, IL in an amount not to exceed \$145,461.

ATTACHMENT(S)

- Quote
- Photo



PROJECT: SCADA System Upgrade
 Remaining Water System Sites
 Homewood, IL.

TO: Mr. Josh Burman - Homewood, IL. Public Works

We are pleased to have the opportunity to provide this QUOTATION for equipment and services for the subject project.

QTY	DESCRIPTION
1/L	<p><u>Central Elevated Tank</u></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> 1 Programmable Logic Controller (Allen Bradley PLC including Memory Module) 1 7" Touchscreen (To be Mounted on Existing Enclosure Door) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay 1 Temperature Sensor <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing PLC & Radio Components and Install New</p> <p><i>Note: Existing Enclosure, Power Supply, UPS & Instrumentation to be Re-Used</i></p>
1/L	<p><u>West Elevated Tank</u></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> 1 7" Touchscreen (Mounted on Existing Sub-panel with stand-offs) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay <p>1/L Heater, Thermostat, Temperature Sensor</p> <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing PLC & Radio Components and Install New</p> <p><i>Note: Existing Enclosure, PLC, UPS & Instrumentation to be Re-Used</i></p>

TERMS: Net 30 days from date of invoice. All invoices are payable in full when due, with no retainage allowed.

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Accepted:	_____	Quotation No:	Keith100724MS
Firm:	_____	Submitted:	October 7, 2024
By:	_____	Void after:	December 1, 2024
Title:	_____	Prepared By:	Keith Girup

Homewood.RemainingWaterSitesSCADAUpgrade.Quotation



PROJECT: SCADA System Upgrade
Remaining Water System Sites
Homewood, IL.

QTY	DESCRIPTION
1/L	<p><u>East Elevated Tank</u></p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> 1 Programmable Logic Controller (Allen Bradley PLC including Memory Module) 1 7" Touchscreen (To be Mounted on Existing Enclosure Door) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay 1 Temperature Sensor <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing PLC and Install New</p> <p>1/L Labor & Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Enclosure, Power Supply, UPS & Instrumentation to be Re-Used</i> <i>Existing Radio Components to remain as-is for existing lift stations still utilizing Radio Comm.</i></p>
1/L	<p><u>Flossmoor Meter Vault</u></p> <p>1/L New Control / SCADA Components Including:</p> <ul style="list-style-type: none"> 1 Programmable Logic Controller (Allen Bradley PLC including Memory Module) 1 7" Touchscreen (To be Mounted on Existing Enclosure Door) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay 1 Temperature Sensor <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing PLC & Radio Components and Install New</p> <p>1/L Labor & Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Enclosure, UPS & Instrumentation to be Re-Used</i></p>

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Firm:	_____	Submitted:	October 7, 2024
By:	_____	Void after:	December 1, 2024
Title:	_____	Prepared By:	Keith Girup

Homewood.RemainingWaterSitesSCADAUpgrade.Quotation



PROJECT: SCADA System Upgrade
 Remaining Water System Sites
 Homewood, IL.

QTY	DESCRIPTION
1/L	<p>183rd Street Booster Pump Station</p> <p>1/L New SCADA Components for Installation into Existing SCADA Panel Including:</p> <ul style="list-style-type: none"> 1 Sub-panel and mounting bracket for installation into existing enclosure 1 Programmable Logic Controller (Allen Bradley PLC including Memory Module) 1 7" Touchscreen (To be Mounted on Existing Enclosure Door) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay <p>1/L Heater, Thermostat, Temperature Sensor</p> <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing PLC & Radio Components and Install New</p> <p>1/L Labor & Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Motor Starting and Power Distribution Components to be Re-Used</i></p> <p><i>Note: Existing Instrumentation to be Re-Used</i></p>
1/L	<p>Water Pump Station #2</p> <p>1/L New Control / SCADA Components Including:</p> <ul style="list-style-type: none"> 1 Programmable Logic Controller (Allen Bradley PLC including Memory Module) 1 10" Touchscreen (To be Mounted on Existing Enclosure Door) <p>1/L Ethernet Switch Including Patch Cables</p> <p>1/L Cellular Modem Including Connectors, Surge Protectors</p> <ul style="list-style-type: none"> 1 Modem Reboot Relay 1 Temperature Sensor <p>1/L Cellular Antenna & Cables</p> <p>1/L Labor & Materials to Remove Existing SCADA Components and Install New Components</p> <p>1/L Labor & Materials to Mount new Cellular Antenna</p> <p><i>Note: Existing Motor Starting and Power Distribution Components to be Re-Used</i></p> <p><i>Note: Existing Instrumentation to be Re-Used</i></p> <p><i>Note: The new PLC will be responsible for reservoir control in lieu of the existing Cla-Val controller.</i></p>

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Title:	_____	Prepared By:	Keith Girup

Homewood.RemainingWaterSitesSCADAUpgrade.Quotation



PROJECT: SCADA System Upgrade
 Remaining Water System Sites
 Homewood, IL.

QTY	DESCRIPTION
1/L	Field Installation Labor & Materials
1/L	Freight
1/L	Submittal Engineering / O&M Documentation
1/L	PLC Programming
1/L	HMI Graphical Development
1/L	MetroCloud SCADA Software Integration
1/L	Automated IEPA Report Generation
1/L	Testing / Training

Your COST for the described equipment and services is: **\$145,461.00**

Notes & Clarifications:

- * Equipment Specific Details will be provided in the engineered submittals.
- * Existing Instrumentation to be repurposed for use with new SCADA / Control Equipment unless detailed herein.
- * Existing Conduits to be repurposed for use with new SCADA / Control Equipment unless detailed herein.
- * The monthly cellular communication fee for (6) Verizon Private IP Network connections to the MetroCloud SCADA Software Application is \$330. This service fee will be invoiced separately.

Not Included: Taxes, Permits, Fees, Special Licenses, Overtime Labor, MetroCloud Monthly Fee and Anything not listed.

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Homewood.RemainingWaterSitesSCADAUpgrade.Quotation

STANDARD CONDITIONS OF SALE
(Domestic Shipments)

Item 11. I.

1. TERMS

Standard terms are net thirty days from date of invoice. Products are sold F.O.B. Factory unless otherwise stated. A 2% per month service charge is added to overdue accounts.

It is understood that the purchaser agrees to pay any and all costs incurred in collecting delinquent accounts, including by way of illustration but not limited to: reasonable attorney fees; costs of witnesses and expert witnesses, including travel from point of origin and return, subsistence and recompense for time lost from regular occupation; court costs, depositions, transcripts, etc.

Quotations are subject to acceptance within thirty days from the date, and in the interim, are subject to changes in price or other particulars upon notice.

All offers to purchase, quotations, and contracts of sales are subject to final acceptance by Metropolitan Pump (hereinafter called the Company) at its office at Romeoville IL: and shall be and constitute an Illinois Contract, subject to the laws of the State of Illinois.

2. SALES AND SIMILAR TAXES

Sales, use, occupational, excise, or other similar taxes are not included in the prices quoted and if this transaction is subjected to any such tax by any taxing authority whatever, the same must be added to the purchase price.

3. DELIVERIES

The Company shall be under no liability for failure to make deliveries where such failure to deliver may be due to fires, strikes, accidents, labor or transportation difficulties, car shortage, failure to obtain deliveries of materials, action of any State, Federal or local governments or other causes beyond its reasonable control.

4. ESTIMATED SHIPPING WEIGHTS

The Company will not be responsible for the accuracy of shipping weights submitted in quotations, as these weights are estimated weights, for use in computing probable freight charges.

5. GUARANTEES

RATED OUTPUT

The Company guarantees that the apparatus manufactured by it will deliver successfully its output as indicated on the nameplate, provided such apparatus is properly installed and maintained, correctly lubricated, operated under normal conditions and with competent supervision.

REPLACEMENT OF DEFECTIVE MATERIAL

Any pans which show faulty workmanship or material will be repaired or replaced without charge F.O.B. Company's works, provided such defects develop under normal and proper use within three months after date of shipment and provided Purchaser shall give notice in writing to the Company and a chance to inspect such defects before repairing or altering the product in any way. The correction of such defects by repair or replacement by the Company shall constitute a fulfillment of its obligation to the Purchaser.

NON-LIABILITY FOR LOSS OR DAMAGE

The Company will not be responsible for or liable for any loss or damage resulting from improper storage or handling prior to placing the apparatus in service and will not assume any responsibility, expense or liability for repairs made outside its works without proper written consent of the company. The Company will not be responsible or liable for any damage or loss resulting from installation or operation in any manner not complying with installation or operating instructions or drawings or with the ratings marked thereon.

CONTINGENT LIABILITY

The Company will not be responsible or liable in any way for consequential damage or contingent liability resulting from nondelivery, late delivery, function, malfunction or nonfunction or any equipment sold hereunder or resulting from any service provided or from malfeasance or nonfeasance of any service provided hereunder.

6. CHANGES

In event the Purchaser finds it necessary to make changes in the work to be performed hereunder, he may do so only by written order. If such changes cause an increase or decrease in the amount due for apparatus sold hereunder, or in the time required for completion of resulting order, an equitable adjustment shall be made and the order shall be modified accordingly.

7. TERMINATION

In the event Purchaser, due to good and sufficient cause, desires to effect cancellation of sales or services sold hereunder, notice shall be given in writing to the Company.

The Company shall thereupon, as directed, cease work and deliver to the Purchaser all completed and partially completed articles and materials and work in process. The Purchaser shall pay the Company the following:

- (a) The price provided in the order for all articles or materials which have been completed prior to termination.
- (b) Actual expenditures made by the Company in connection with the incompleting portion of the order, including reasonable cancellation charges paid by the Company for which it may be liable on account of commitments made under the order.
- (c) Reasonable estimated profits on the incompleting portion of the order multiplied by the percentage of completion of the incompleting portion of the order.

8. DEFERRED DELIVERIES

Deferred deliveries are subject to Company's approval. Should the Purchaser for good and sufficient cause desire that we hold up or defer deliveries until some later day, same shall be acceptable on the following conditions only:

- (a) Deferment period is not to exceed sixty days, at the end of which time, if no release is given, Company reserves the right to render invoice and make shipment of the completed portion of order to destination specified in Purchaser's order, or to warehouse such apparatus at Purchaser's expense.
- (b) On the incompleting portion of the order, if release is not given by the Purchaser at the expiration of sixty days, the Company reserves the right to make a cancellation charge on the same conditions and terms of payment as outlined above under "Termination."

9. PATENTS

The Company certifies that to the best of its knowledge the apparatus sold hereunder does not infringe any Patent granted to others by the United States of America or by any country foreign thereto. The Company does not assume any responsibility or liability for any claim of infringement brought against the Purchaser, its successors, assigns, customers or users of its product.

10. PAYMENTS

If, in the judgment of the Company, the financial condition of the Purchaser at any times does not justify continuance of the production or shipment on the terms of payment specified, the Company may require full or partial payment in advance.

Pro rata payments shall become due as shipments are made. If shipments are delayed by the Purchaser, payments shall become due from date when the Company is prepared to make shipment. If manufacture is delayed by the Purchaser, payment shall be made based on the contract price and the percentage of completion. Apparatus held for the Purchaser shall be at the risk and expense of the Purchaser.

11. FEDERAL AND STATE LAWS

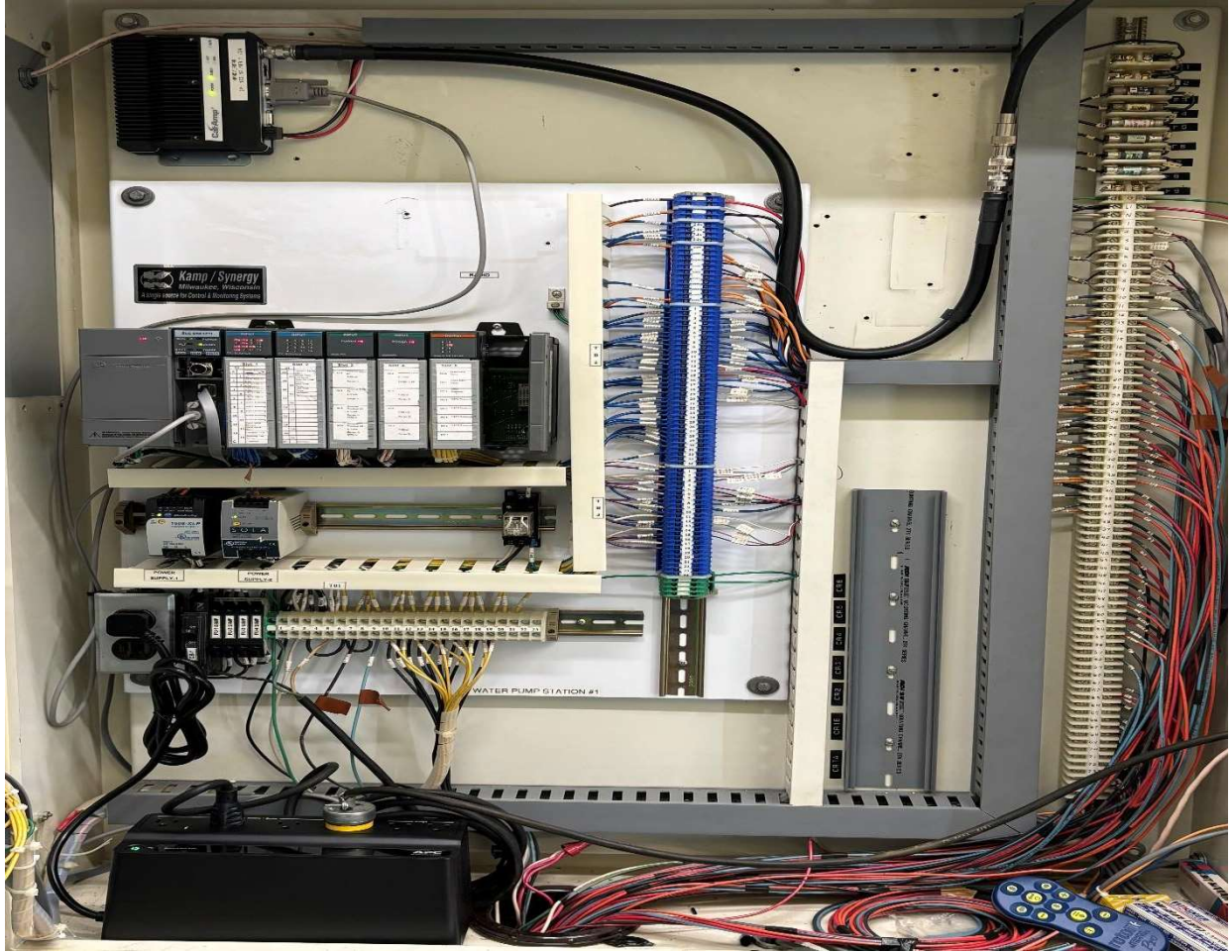
The Company, to the best of its knowledge, is complying with The Fair Labor Standards Act, Public Contracts Act and all other applicable State and Federal Laws, and the orders and regulations issued thereunder.

12. GENERAL

There are no understandings, agreements or warranties, either verbal or written, relating to the apparatus sold hereunder that are not fully expressed herein and no change in the terms hereof may be made except by a writing signed by both parties.

No statement, recommendation or assistance made or offered by Company through its representatives to the Purchaser or his representatives in connection with the use of any product sold by us shall be or constitute a waiver by Company of any of the provisions hereof or change the purchaser's liability as herein defined.

Seller represents that with respect to the production of the articles and/or the performance of the services covered by this proposal, it has fully complied with Section 12 (a) of the Fair Labor Standards Act of 1938, as amended.



VILLAGE OF HOMEWOOD



BOARD AGENDA MEMORANDUM

DATE OF MEETING: November 12, 2024

To: Village President and Board of Trustees

Through: Napoleon Haney, Village Manager

From: Amy Zukowski, Director of Finance

Topic: 2024 Real Estate Tax Levy Discussion

PURPOSE

Staff will discuss the annual real estate tax levy process with the Board of Trustees and provide explanations and recommendations on levy amounts. Based on the anticipated discussion and recommendations, a Truth in Taxation Hearing will be published and held prior to the December 10, 2024 Board meeting. The final real estate tax levy ordinances will be agendized on the December 10, 2024 Board meeting for approval.

PROCESS

A tax levy is the amount of money a taxing body can request from the collective group of property owners (through property tax) in a specific area or district. Once the tax levy amount is calculated, the taxing body will perform an “extension.” A tax extension is the process used to collect the amount from the taxpayers. Generally, property taxes are collected from residents and businesses within the taxing district. For non-home rule communities like Homewood, tax levies have certain restrictions, limitations, and parameters that are set by the State of Illinois through rules contained in the Property Tax Extension Limitation Law (PTELL).

PTELL does not “cap” individual property tax bills, neither does it cap property assessments; rather, PTELL limits non-home rule taxing districts by allowing a tax levy to only increase, from the prior year, using the following parameters:

- The tax levy is allowed to increase from the previous year’s final tax extension levy based on the lesser of 5% or the increase in the consumer price index (CPI) for the year preceding the levy year and,
- An increase to capture property taxes for new construction within the district for the preceding calendar year.

It is important to note that all taxing agencies levy for their share of property taxes.

VILLAGE OF HOMEWOOD



Homewood’s Upcoming Levy

Using the PTELL guidelines, the actual CPI for the preceding year is 3.35%. Because the CPI is less than 5%, the Village is able to capture the full 3.35% increase under the PTELL parameters. The Village will also need to estimate the change for new construction, which adds to the overall Equalized Assessed Valuation (EAV). The Village estimates a conservative 0.5% increase; however, with the 187th/Dixie Highway (Southgate) Tax Increment Financing (TIF) District coming to an end, we are able to capture an additional 1.0% of new construction as the Southgate TIF comes back on the tax rolls. The Village is estimating a total of 1.5% of new construction. As a reminder, a good portion of the property tax dollars collected in the Southgate TIF, over the prior years, went into the Village’s TIF fund. Now that the TIF has expired, these collected property tax dollars will be distributed to the various taxing districts, including Homewood.

Portion of the Levy that Falls Under PTELL

The Village’s 2024 levy will see a total 4.85% increase (3.35% for change in CPI and 1.5% for new construction). The Village’s total tax levy under the PTELL is **\$7,066,009**. Once the levy is approved by the Village Board and extended or issued to the property owners and tax dollars are received, the funds are distributed between General Fund operations and the Village’s pension funds (police, fire, and Illinois Municipal Retirement Fund –IMRF- covering all non-police and non-fire personnel).

Police & Fire Pension Funding as a Component of the Levy

Per the PTELL and State of Illinois Property Tax Code, municipalities are allowed to levy for pension funding requirements. Under the State Pension Code, the Village is to fund the Police & Fire Pension Funds at the required statutory minimum. The required statutory minimum is based on the State of Illinois’ mandate that our Police & Fire Pension Funds be 90% funded by 2040. The Homewood Police Pension Fund is currently funded at 55.9%, while the Homewood Firefighter’s Pension Fund is currently funded at 72.7%. The State’s Consolidated Pension Fund requirements are designed to accomplish the “90% by 2040” funding mandate.

The Village engaged with a creditable actuary (Lauterbach & Amen LLP of Naperville, IL) to calculate both a recommended and alternative contribution amount for both funds. On page one of the attached signed Municipal Compliance Reports for both Pension Funds, you can find the recommended and alternative contribution amounts.

	<u>Police Pension Fund</u>	<u>Fire Pension Fund</u>
Recommended (<i>assumes 100% funded by 2040</i>)	\$2,877,391	\$953,951
Alternative (<i>assumes 90% funded by 2040</i>)	\$2,325,490	\$761,160

Lauterbach & Amen Levy Recommendations 2024

VILLAGE OF HOMEWOOD



The State Consolidated Pension Funds (police & fire), hired a creditable actuary (Foster & Foster Actuaries and Consultants of Naperville, IL) to calculate the statutory minimum amounts for each consolidated fund. This amount will vary from Lauterbach & Amen’s calculations due to standard differences in actuarial assumptions.

	<u>Police Pension Fund</u>	<u>Fire Pension Fund</u>
Statutory Minimum (<i>assumes 90% funding by 2040</i>)	\$2,672,405	\$906,897
<i>Foster & Foster Actuaries and Consultants</i>	\$2,629,870	\$852,739

Homewood’s Police & Fire Pension Board – Levy Funding Request

The Homewood Police and Fire Pension Funds submitted letters requesting that the “recommended” contributions as calculated by Lauterbach & Amen be used in the 2024 tax levy calculation. The respective letters are attached.

Village Staff Levy Funding Recommendation

Village staff recommends that the statutory minimum amount calculated by the consolidated funds actuary be used for the 2024 tax levy. This methodology is consistent with the 2023 tax levy where the consolidated funds actuarial amount was also used. The Village will continue to levy the consolidated funds actuary amount going forward in order to achieve the 90% funded target by 2040 per State Statute. Village staff also recommends funding more than the required statutory minimum amount in future years should Village finances allow.

2024 will also be the final year that the Village will engage with Lauterbach & Amen to calculate contribution amounts for both pension funds. Should the pension funds wish, they will be able to engage with an actuary of their own choosing to calculate a 100% funded recommendation.

Pension Levy Funding vs. Levy Funding for General Operations

After levying the statutory minimum for the Police and Fire Pension Funds, the remaining tax dollars from the levy are allocated towards IMRF Pension, Social Security, and Medicare employer costs (FICA), audit expenses, risk management insurance premium costs, and all other day-to-day operating expenses (including salaries) within the General Fund. Currently, the Village of Homewood’s tax levy provides only **10.0%** of General Fund revenue used to fund day-to-day operating expenses.

Tax Levy Pension Breakdown:

- The Village’s total tax levy is proposed to be issued for an amount of **\$7,066,009**.
- Approximately 56%, or **\$4M**, of the total tax levy will go towards all pension obligations, including Police Pension, Fire Pension, and IMRF.
- Of this 56% or \$4M pension amount, 87% or approximately \$3.5M goes exclusively towards Police and Fire Pension obligations.

VILLAGE OF HOMEWOOD



- The remaining 44% goes towards all other operational items, including FICA (Employer Social Security and Medicare payments).

Debt Payment Obligations and the Tax Levy

Debt payment obligations are allowed to be included in the tax levy; however, it is important to note that debt payments are not governed by the PTELL. The Village issued a non-referendum General Obligation Bond in the amount of \$2,611,269 in September 2024. The general obligation bond funds will be used to complete numerous capital infrastructure projects over the next several years. The principal and interest payments required to repay the 2024 bond issuance will be included in the next four tax levies. With this new debt, \$746,688 is added to the 2024 tax levy.

The Village did not have any debt service to include in the 2023 levy as the final principal and interest payments for the 2020 General Obligation Bond were captured through the 2022 real estate tax levy.

Final Tax Levy Including Debt Service

Homewood's final 2023 tax extension levy was for \$6,886,315. The upcoming 2024 levy is projected to be \$7,824,367. This is a 13.62% increase over the prior year's levy, due mostly to the return of our nominal, but consistent debt service. Because the proposed 2024 real estate tax levy is more than 5% greater than the prior year's tax extension, a Truth in Taxation Hearing is required.

Village's Portion of the Total Tax Bill

On the 2023 tax bills, the Village of Homewood's portion is approximately 10% of the total real estate tax bill. For example, if a resident's total property tax bill is \$8,000, only \$800 of the annual property taxes paid are allocated to cover the cost for quality amenities and high-level services that are provided by the Village of Homewood. Some examples of such services and amenities include police and fire public safety services, public works services including snow removal and tree removal/reforestation, and the downtown events series including farmers market. We anticipate that the Village's portion will increase slightly due to the addition of the debt service amount on the 2024 tax levy and an expected decrease in the total Equalized Assessed Valuation following resident tax appeals.

OUTCOME

The total 2024 real estate tax levy for the Village of Homewood will increase by 13.62%.

3.35% - increase in CPI

1.50% - capturing of new construction

8.77% - issuance of the 2024 General Obligation Limited Tax Bond debt service payments

13.62%

VILLAGE OF HOMEWOOD



It is recommended that the Village allocate the statutory minimum to both the Police and Fire Pension Funds as determined by the State Consolidated Funds actuary Foster & Foster Actuaries and Consultants of Naperville IL.

The remaining tax levy dollars will be allocated toward the IMRF pension fund, FICA costs, audit expenses, risk management insurance premium costs, and the day-to-day operating expenses of the Village.

FINANCIAL IMPACT

The final tax levy will be used to create and develop Homewood's next fiscal year's (FY 2025-2026) budget amounts.

- **Funding Source:** N/A
- **Budgeted Amount:** N/A
- **Cost:** N/A

LEGAL REVIEW

None required

RECOMMENDED BOARD ACTION

Discuss the 2024 Real Estate Tax Levy; approve staff's recommendation to use the State's Consolidated Funds Actuarial Calculation to meet the required statutory minimum, and direct staff to publish a Truth in Taxation Hearing notice in the local newspaper to be held prior to the December 10, 2024 Board meeting.

ATTACHMENT(S)

- 2024 Proposed Tax Levy
- Request from Homewood Police Pension Fund Board and Fire Pension Fund Board for 2024 tax levy dollars
- Homewood Police Pension Fund and Fire Pension Fund Signed Municipal Compliance Reports

**Village of Homewood
2024 Proposed Real Estate Tax Levy**

FINAL EXTENDED 2023 CAPPED LEVY **\$ 6,739,160**

Increase in Consumer Price Index (CPI)	3.35%
New construction (0.5% + 1.0% for end of Southgate TIF)	1.50%
Total Increase in Levy	4.85%

2024 TAX CAPPED LEVY **\$ 7,066,009**

	2023	Final 2023	2024	% Change Over 2023
	Requested Levy	Tax Extension	Proposed Levy	Final Extension
POLICE PENSION	\$ 2,554,782	\$ 2,539,198	\$ 2,629,870	3.57%
FIRE PENSION	\$ 813,971	\$ 808,971	\$ 852,739	5.41%
IMRF PENSION	\$ 510,000	\$ 507,108	\$ 500,000	-1.40%
SOCIAL SECURITY/MEDICARE	\$ 486,000	\$ 482,562	\$ 410,000	-15.04%
	\$ 4,364,753	\$ 4,337,839	\$ 4,392,609	1.26%
CORPORATE	\$ 575,980	\$ 572,390	\$ 677,899	18.43%
FIRE	\$ 345,588	\$ 343,643	\$ 406,740	18.36%
POLICE	\$ 172,794	\$ 171,821	\$ 203,370	18.36%
STREETS	\$ 230,392	\$ 228,747	\$ 271,160	18.54%
SCHOOL CROSSING GUARD	\$ 46,078	\$ 45,958	\$ 54,232	18.00%
AUDIT	\$ 60,000	\$ 59,536	\$ 60,000	0.78%
INSURANCE	\$ 985,000	\$ 979,226	\$ 1,000,000	2.12%
	\$ 2,415,832	\$ 2,401,321	\$ 2,673,400	11.33%
TOTAL TAX CAPPED LEVY	\$ 6,780,585	\$ 6,739,160	\$ 7,066,009	4.85%
FIRE PENSION (NON-CAPPED)	\$ 11,330	\$ 11,670	\$ 11,670	0.00%
2024 G.O. BOND	\$ -	\$ -	\$ 746,688	
TOTAL LEVY	\$ 6,791,915	\$ 6,750,830	\$ 7,824,367	
TAX LEVY ADJUSTMENT PA 102-0519*		\$ 135,485		
TOTAL LEVY AFTER ADJUSTMENT	\$ 6,791,915	\$ 6,886,315	\$ 7,824,367	13.62%

* Public Act 102-0519 Amending the Property Tax Code. Beginning with levy year 2021, all tax capped taxing district levies will be increased by a prior year adjustment. The Act is intended to make taxing districts "whole" for revenue lost as the result of property tax assessment appeal refunds.

REIMER DOBROVOLNY & LABARDI PC

A PUBLIC SAFETY LAW FIRM

* RICHARD J. REIMER
JAMES L. DOBROVOLNY
BRIAN J. LABARDI
VINCENT C. MANCINI
NEMURA G. PENCYLA
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* SHAREHOLDER



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(630) 654-9547 (630) 654-9676 FAX
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306 W. GREEN STREET
URBANA, ILLINOIS 61801
217-344-2376

November 6, 2024

Honorable Rich Hofeld, Village President
Village of Homewood
2020 Chestnut Road
Homewood, Illinois 60430

By Priority Mail Delivery Confirmation

Re: Homewood Police Pension Fund-Annual Tax Levy Requirements

Dear Village President Hofeld:

Please be advised that the undersigned is legal counsel for the Homewood Police Pension Fund. At a recent Pension Board meeting, the Pension Board Trustees discussed the annual tax levy/municipal contribution requirements for the Pension Fund for the upcoming tax year. As you are aware, the Pension Board either relies on an actuarial valuation performed by the Illinois Police Officer's Pension Investment Fund or an independent actuary.

In this case, the Pension Board relied upon the actuarial valuation performed by Lauterbach & Amen. Their recommended levy for the upcoming tax year, in order to satisfy the annual requirements of the Homewood Police Pension Fund, as required by §5/3-125 of the Pension Code, is \$2,877,391. A copy of the Lauterbach & Amen report is enclosed for your review.

Accordingly, pursuant to §5/3-125 of the Pension Code, the Homewood Police Pension Board is requesting the Village of Homewood levy or contribute that amount for the upcoming tax year in order to satisfy the annual requirements of the Homewood Police Pension Fund. In the event that the Village will not be levying or contributing this amount, please advise me.

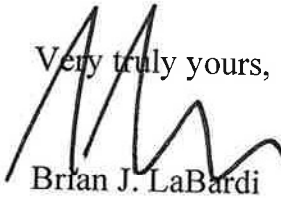
While the Pension Board has requested the Lauterbach & Amen calculated "recommended amount", please be advised the statutory minimum amount determined by the Illinois Police Officers' Pension Investment Fund ("IPOPIF") is \$2,629,870. In the event the Village does not contribute the statutory minimum, its tax revenues received from the State of Illinois would be subject to the intercept law.

Also enclosed, please find a copy of the Pension Fund's "municipal compliance report".

Finally, the Pension Board wishes to draw your attention to §3-125.1 of the Pension Code and §4402.30 of the Illinois Administrative Code defining salary for pension purposes. Both those authorities refer to pensionable salary as being determined at least in part as that established by the municipality's appropriations ordinance. A similar conclusion was recently reached by the First District Appellate Court in *City of Chicago Ridge v. Chicago Ridge Firefighters' Pension Bd. of Trustees*, 2016 IL App (1st) 152089. In light of these authorities, the Pension Board requests the City ensure the appropriate salaries attached to rank for officers covered by Article 3 of the Pension Code are properly reflected in a municipal appropriations ordinance.

Thank you for your anticipated cooperation and assistance in this matter. Please do not hesitate to contact the undersigned should you have any questions concerning this matter.

Very truly yours,



Brian J. LaBardi

cc: Mr. Greg Knoll, President
Homewood Police Pension Board

THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND

PUBLIC ACT 95-0950
MUNICIPAL COMPLIANCE REPORT



FOR THE FISCAL YEAR ENDED
APRIL 30, 2024

17950 Dixie Highway
Homewood, IL 60430
Phone: 708.206.3420
www.village.homewood.il.us



October 30, 2024

Members of the Pension Board of Trustees
Homewood Police Pension Fund
Homewood, Illinois

Enclosed please find a copy of your Municipal Compliance Report for the Homewood Police Pension Fund for the fiscal year ended April 30, 2024. We have prepared the report with the most recent information available at our office. Should you have more current information, or notice any inaccuracies, we are prepared to make any necessary revisions and return them to you.

The President and Secretary of the Pension Fund are required to sign the report on page 3. If not already included with the enclosed report, please also include a copy of the Pension Fund's most recent investment policy.

The signed Public Act 95-0950 - Municipal Compliance Report must be provided to the Municipality before the tax levy is filed on the last Tuesday in December. We are sending the report via email to promote an environmentally-friendly work atmosphere.

If you have any questions regarding this report, please contact your Client Manager or PSA.

Respectfully submitted,

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

The Pension Board certifies to the Board of Trustees of the Village of Homewood, Illinois on the condition of the Pension Fund at the end of its most recently completed fiscal year the following information:

- 1) The total cash and investments, including accrued interest, of the fund at market value and the total net position of the Pension Fund:

	<u>Current Fiscal Year</u>	<u>Preceding Fiscal Year</u>
Total Cash and Investments (including accrued interest)	<u>\$36,344,933</u>	<u>\$33,809,197</u>
Total Net Position	<u>\$36,346,572</u>	<u>\$33,805,399</u>

- 2) The estimated receipts during the next succeeding fiscal year from deductions from the salaries of police officers and from other sources:

Estimated Receipts - Employee Contributions	<u>\$396,700</u>
Estimated Receipts - All Other Sources	
Investment Earnings	<u>\$2,544,100</u>
Municipal Contribution	<u>\$2,877,391</u>

- 3) The estimated amount required during the next succeeding fiscal year to (a) pay all pensions and other obligations provided in Article 3 of the Illinois Pension Code, and (b) to meet the annual requirements of the fund as provided in Sections 3-125 and 3-127:

(a) Pay all Pensions and Other Obligations	<u>\$4,458,500</u>
(b) Annual Requirement of the Fund as Determined by:	
Illinois Police Officers' Pension Investment Fund	<u>\$2,629,870</u>
Private Actuary - Lauterbach & Amen, LLP	
Recommended Municipal Contribution	<u>\$2,877,391</u>
Alternative Municipal Contribution	<u>N/A</u>

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

- 4) The total net income received from investment of assets along with the assumed investment return and actual investment return received by the fund during its most recently completed fiscal year compared to the total net income, assumed investment return, and actual investment return received during the preceding fiscal year:

	<u>Current Fiscal Year</u>	<u>Preceding Fiscal Year</u>
Net Income Received from Investment of Assets	<u>\$3,069,674</u>	<u>\$567,814</u>
Assumed Investment Return		
Illinois Police Officers' Pension Investment Fund	<u>6.800%</u>	<u>6.800%</u>
Private Actuary - Lauterbach & Amen, LLP	<u>7.000%</u>	<u>7.000%</u>
Actual Investment Return	<u>8.751%</u>	<u>1.670%</u>

- 5) The total number of active employees who are financially contributing to the fund:

Number of Active Members	<u>36</u>
--------------------------	-----------

- 6) The total amount that was disbursed in benefits during the fiscal year, including the number of and total amount disbursed to (i) annuitants in receipt of a regular retirement pension, (ii) recipients being paid a disability pension, and (iii) survivors and children in receipt of benefits:

	<u>Number of</u>	<u>Total Amount Disbursed</u>
(i) Regular Retirement Pension	<u>31</u>	<u>\$2,644,066</u>
(ii) Disability Pension	<u>6</u>	<u>\$380,201</u>
(iii) Survivors and Child Benefits	<u>8</u>	<u>\$377,339</u>
Totals	<u>45</u>	<u>\$3,401,606</u>

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

7) The funded ratio of the fund:

	<u>Current Fiscal Year</u>	<u>Preceding Fiscal Year</u>
Illinois Police Officers' Pension Investment Fund	<u>55.86%</u>	<u>55.57%</u>
Private Actuary - Lauterbach & Amen, LLP	<u>56.69%</u>	<u>56.95%</u>

8) The unfunded liability carried by the fund, along with an actuarial explanation of the unfunded liability:

Unfunded Liability:

Illinois Police Officers' Pension Investment Fund	<u>\$29,668,403</u>
Private Actuary - Lauterbach & Amen, LLP	<u>\$28,986,197</u>

The accrued liability is the actuarial present value of the portion of the projected benefits that has been accrued as of the valuation date based upon the actuarial valuation method and the actuarial assumptions employed in the valuation. The unfunded accrued liability is the excess of the accrued liability over the actuarial value of assets.

9) Please see attached Investment/Cash Management policy if applicable

Please see Notes Page attached.

CERTIFICATION OF MUNICIPAL POLICE
PENSION FUND COMPLIANCE REPORT

The Board of Trustees of the Pension Fund, based upon information and belief, and to the best of our knowledge, hereby certify pursuant to §3-143 of the Illinois Pension Code 40 ILCS 5/3-143, that the preceding report is true and accurate.

Adopted this 30th day of Oct 2024

President  Date 10-30-24

Secretary  Date 10-30-24

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

- 1) Total Cash and Investments - as Reported at Market Value in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

Total Net Position - as Reported in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

- 2) Estimated Receipts - Employee Contributions as Reported in the Audited Financial Statements for the Year Ended April 30, 2024 plus 3.25% Increase (Actuarial Salary Increase Assumption) Rounded to the Nearest \$100.

Estimated Receipts - All Other Sources:

Investment Earnings - Cash and Investments as Reported in the Audited Financial Statements for the Year Ended April 30, 2024, times 7% (Actuarial Investment Return Assumption) Rounded to the Nearest \$100.

Municipal Contributions - Recommended Tax Levy Requirement as Reported by Lauterbach & Amen, LLP, Actuarial Valuation for the Year Ended April 30, 2024.

- 3) (a) Pay all Pensions and Other Obligations - Total Non-Investment Deductions as Reported in the Audited Financial Statements for the Year Ended April 30, 2024, plus a 25% Increase, Rounded to the Nearest \$100.

(b) Annual Requirement of the Fund as Determined by:

Illinois Police Officers' Pension Investment Fund - Suggested Amount of Tax Levy as Reported in the April 30, 2024 Actuarial Valuation.

Private Actuary - Lauterbach & Amen, LLP:

Recommended Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the April 30, 2024 Actuarial Valuation.

Statutorily Required Amount of Tax Levy - No statutorily required amount has been provided in a April 30, 2024 Private Actuarial Valuation, at the time of this report.

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

- 4) Net Income Received from Investment of Assets - Investment Income (Loss) net of Investment Expense, as Reported in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

Assumed Investment Return:

Illinois Police Officers' Pension Investment Fund - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Years Ended April 30, 2024 and 2023 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Years Ended April 30, 2024 and 2023 Actuarial Valuations.

Actual Investment Return -Net Income Received from Investments as Reported Above as a Percentage of the Average of the Beginning and Ending Balances of the Fiscal Year Cash Investments, Excluding Net Investment Income, Gains, and Losses for the Fiscal Year Return Being calculated, as Reported in the Audited Financial Statements for the Fiscal Years Ended April 30, 2024 and 2023.

- 5) Number of Active Members - Illinois Department of Insurance Annual Statement for April 30, 2024 - Schedule P.
- 6) (i) Regular Retirement Pension - Illinois Department of Insurance Annual Statement for April 30, 2024 - Schedule P for Number of Participants and Expense page 1 for Total Amount Disbursed.
- (ii) Disability Pension - Same as above.
- (iii) Survivors and Child Benefits - Same as above.

**THE VILLAGE OF HOMEWOOD, ILLINOIS
POLICE PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

7) The funded ratio of the fund:

Illinois Police Officers' Pension Investment Fund - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the April 30, 2024 and 2023 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the April 30, 2024 and 2023 Actuarial Valuations.

8) Unfunded Liability:

Illinois Police Officers' Pension Investment Fund - Deferred Asset (Unfunded Accrued Liability) as Reported in the April 30, 2024 Actuarial Valuation.

Private Actuary - Deferred Asset (Unfunded Accrued Liability) as Reported by Lauterbach & Amen, LLP in the April 30, 2024 Actuarial Valuation.

REIMER DOBROVOLNY & LABARDI PC

A PUBLIC SAFETY LAW FIRM

* RICHARD J. REIMER
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306 W. GREEN STREET
URBANA, ILLINOIS 61801
217-344-2376

* SHAREHOLDER

November 6, 2024

Honorable Rich Hofeld, Village President
Village of Homewood
2020 Chestnut Road
Homewood, Illinois 60430

By Priority Mail Delivery Confirmation

Re: Homewood Firefighters' Pension Fund – Annual Tax Levy/Municipal Compliance Report

Dear Village President Hofeld:

As you are aware, the undersigned is legal counsel for the Homewood Firefighters' Pension Fund. At a recent Pension Board meeting, the Pension Board Trustees discussed the annual tax levy requirements for the Pension Fund for the upcoming tax year. As you are aware, the Pension Board either relies on an actuarial valuation performed by the Illinois Firefighters' Pension Investment Fund or an independent actuary.

In this case, the Pension Board has relied upon the actuarial valuation performed by Lauterbach & Amen, an actuary employed by the Pension Board. According to this valuation, the recommended amount necessary in order to satisfy the annual requirements of §5/4-118 of the Illinois Pension Code, for the upcoming fiscal year is \$953,951. A copy of the Lauterbach & Amen Actuarial Valuation Report is enclosed for your review.

Accordingly, pursuant to §5/4-118 and §5/4-134 of the Illinois Pension Code, the Homewood Firefighters' Pension Board is requesting the Village of Homewood levy or contribute the above amount for the up-coming tax year to satisfy the annual requirements of the Homewood Firefighters' Pension Fund. In the event that the Village will not be levying this amount, please advise me.

While the Pension Board has requested the Lauterbach & Amen calculated "recommended amount", please be advised the statutory minimum amount determined by the Illinois Firefighters' Pension Investment Fund ("IFPIF) is

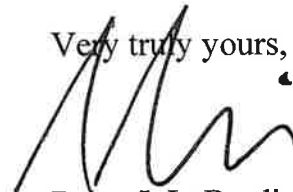
\$852,739. In the event the Village does not contribute the statutory minimum, its tax revenues received from the State of Illinois would be subject to the intercept law.

As required by Public Act 95-950, enclosed please find a copy of the Pension Board's "Municipal Compliance Report".

Finally, the Pension Board wishes to draw your attention to §4-118.1 of the Pension Code and §4402.30 of the Illinois Administrative Code defining salary for pension purposes. Both those authorities refer to pensionable salary as being determined at least in part as that established by the municipality's appropriations ordinance. A similar conclusion was recently reached by the First District Appellate Court in *Village of Chicago Ridge v. Chicago Ridge Firefighters' Pension Bd. of Trustees*, 2016 IL App (1st) 152089. In light of these authorities, the Pension Board requests the Village ensure the appropriate salaries attached to rank for officers covered by Article 4 of the Pension Code are properly reflected in a municipal appropriations ordinance.

Thank you for your anticipated cooperation and assistance in this matter. Please do not hesitate to contact the undersigned should you have any questions concerning this matter.

Very truly yours,



Brian J. LaBardi

Enclosure

cc: Greg Knoll, President
Homewood Firefighters' Pension Board

THE VILLAGE OF HOMEWOOD, ILLINOIS FIREFIGHTERS' PENSION FUND

PUBLIC ACT 95-0950
MUNICIPAL COMPLIANCE REPORT



FOR THE FISCAL YEAR ENDED
APRIL 30, 2024

17950 Dixie Highway
Homewood, IL 60430
Phone: 708.206.3400
www.village.homewood.il.us



October 30, 2024

Members of the Pension Board of Trustees
Homewood Firefighters' Pension Fund
Homewood, Illinois

Enclosed please find a copy of your Municipal Compliance Report for the Homewood Firefighters' Pension Fund for the fiscal year ended April 30, 2024. We have prepared the report with the most recent information available at our office. Should you have more current information, or notice any inaccuracies, we are prepared to make any necessary revisions and return them to you.

The President and Secretary of the Pension Fund are required to sign the report on page 3. If not already included with the enclosed report, please also include a copy of the Pension Fund's most recent investment policy.

The signed Public Act 95-0950 - Municipal Compliance Report must be provided to the Municipality before the tax levy is filed on the last Tuesday in December. We are sending the report via email to promote an environmentally-friendly work atmosphere.

If you have any questions regarding this report, please contact your Client Manager or PSA.

Respectfully submitted,

Lauterbach & Amen, LLP

LAUTERBACH & AMEN, LLP

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

The Pension Board certifies to the Board of Trustees of the Village of Homewood, Illinois on the condition of the Pension Fund at the end of its most recently completed fiscal year the following information:

- 1) The total cash and investments, including accrued interest, of the fund at market value and the total net position of the Pension Fund:

	<u>Current Fiscal Year</u>	<u>Preceding Fiscal Year</u>
Total Cash and Investments (including accrued interest)	<u>\$19,255,943</u>	<u>\$17,614,167</u>
Total Net Position	<u>\$19,257,549</u>	<u>\$17,609,204</u>

- 2) The estimated receipts during the next succeeding fiscal year from deductions from the salaries of firefighters' and from other sources:

Estimated Receipts - Employee Contributions	<u>\$212,700</u>
Estimated Receipts - All Other Sources	
Investment Earnings	<u>\$1,347,900</u>
Municipal Contributions	<u>\$953,951</u>

- 3) The estimated amount necessary during the fiscal year to meet the annual actuarial requirements of the pension fund as provided in Sections 4-118 and 4-120:

Annual Requirement of the Fund as Determined by:

Firefighters' Pension Investment Fund	<u>\$852,739</u>
Private Actuary - Lauterbach & Amen, LLP	
Recommended Municipal Contributions	<u>\$953,951</u>
Alternative Municipal Contributions	<u>N/A</u>

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

- 4) The total net income received from investment of assets along with the assumed investment return and actual investment return received by the fund during its most recently completed fiscal year compared to the total net income, assumed investment return, and actual investment return received during the preceding fiscal year:

	Current Fiscal Year	Preceding Fiscal Year
Net Income Received from Investment of Assets	\$1,794,630	\$92,682
Assumed Investment Return		
Firefighters' Pension Investment Fund	7.125%	7.125%
Private Actuary - Lauterbach & Amen, LLP	7.000%	7.000%
Actual Investment Return	9.735%	0.522%

- 5) The increase in employer pension contributions that results from the implementation of the provisions of P.A. 93-0689:

Firefighters' Pension Investment Fund	N/A
Private Actuary - Lauterbach & Amen, LLP	N/A

- 6) The total number of active employees who are financially contributing to the fund:

Number of Active Members	19
--------------------------	----

- 7) The total amount that was disbursed in benefits during the fiscal year, including the number of and total amount disbursed to (i) annuitants in receipt of a regular retirement pension, (ii) recipients being paid a disability pension, and (iii) survivors and children in receipt of benefits:

	Number of	Total Amount Disbursed
(i) Regular Retirement Pension	10	\$871,538
(ii) Disability Pension	3	\$163,947
(iii) Survivors and Child Benefits	1	\$88,055
Totals	14	\$1,123,540

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

8) The funded ratio of the fund:

	Current Fiscal Year	Preceding Fiscal Year
Firefighters' Pension Investment Fund	72.67%	72.18%
Private Actuary - Lauterbach & Amen, LLP	73.71%	73.37%

9) The unfunded liability carried by the fund, along with an actuarial explanation of the unfunded liability:

Unfunded Liability:

Firefighters' Pension Investment Fund	\$7,464,984
Private Actuary - Lauterbach & Amen, LLP	\$7,125,545

The accrued liability is the actuarial present value of the portion of the projected benefits that has been accrued as of the valuation date based upon the actuarial valuation method and the actuarial assumptions employed in the valuation. The unfunded accrued liability is the excess of the accrued liability over the actuarial value of assets.

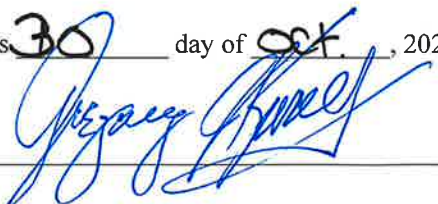
10) Please see attached Investment/Cash Management policy if applicable

Please see Notes Page attached.

CERTIFICATION OF MUNICIPAL FIREFIGHTERS'
PENSION FUND COMPLIANCE REPORT

The Board of Trustees of the Pension Fund, based upon information and belief, and to the best of our knowledge, hereby certify pursuant to §4-134 of the Illinois Pension Code 40 ILCS 5/4-134, that the preceding report is true and accurate.

Adopted this 30 day of Oct, 2024

President  Date 10/30/2024

Secretary  Date 10/30/2024

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

- 1) Total Cash and Investments - as Reported at Market Value in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

Total Net Position - as Reported in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

- 2) Estimated Receipts - Employee Contributions as Reported in the Audited Financial Statements for the Year Ended April 30, 2024 plus 3.25% Increase (Actuarial Salary Increase Assumption) Rounded to the Nearest \$100.

Estimated Receipts - All Other Sources

Investment Earnings - Cash and Investments as Reported in the Audited Financial Statements for the Year Ended April 30, 2024, times 7% (Actuarial Investment Return Assumption) Rounded to the Nearest \$100.

Municipal Contributions - Recommended Tax Levy Requirement as Reported by Lauterbach & Amen, LLP, Actuarial Valuation for the Year Ended April 30, 2024.

- 3) Annual Requirement of the Fund as Determined by:

Firefighters' Pension Investment Fund - Suggested Amount of Tax Levy as Reported in the April 30, 2024 Actuarial Valuation.

Private Actuary - Lauterbach & Amen, LLP:

Recommended Amount of Tax Levy as Reported by Lauterbach & Amen, LLP in the April 30, 2024 Actuarial Valuation.

Statutorily Required Amount of Tax Levy - No statutorily required amount has been provided in a April 30, 2024 Private Actuarial Valuation, at the time of this report.

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

- 4) Net Income Received from Investment of Assets - Investment Income (Loss) net of Investment Expense, as Reported in the Audited Financial Statements for the Years Ended April 30, 2024 and 2023.

Assumed Investment Return:

Firefighters' Pension Investment Fund - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Years Ended April 30, 2024 and 2023 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Interest Rate Assumption as Reported in the Years Ended April 30, 2024 and 2023 Actuarial Valuations.

Actual Investment Return -Net Income Received from Investments as Reported Above as a Percentage of the Average of the Beginning and Ending Balances of the Fiscal Year Cash Investments, Excluding Net Investment Income, Gains, and Losses for the Fiscal Year Return Being calculated, as Reported in the Audited Financial Statements for the Fiscal Years Ended April 30, 2024 and 2023.

- 5) Illinois Department of Insurance - Amount of total suggested tax levy to be excluded from the property tax extension limitation law as contemplated by 35 ILCS 200/18-185.

Private Actuary - No Private Actuarial Valuation amount available at the time of this report.

- 6) Number of Active Members - Illinois Department of Insurance Annual Statement for April 30, 2024 - Schedule P.

- 7) (i) Regular Retirement Pension - Illinois Department of Insurance Annual Statement for April 30, 2024 - Schedule P for Number of Participants and Expense page 1 for Total Amount Disbursed.

(ii) Disability Pension - Same as above.

(iii) Survivors and Child Benefits - Same as above.

**THE VILLAGE OF HOMEWOOD, ILLINOIS
FIREFIGHTERS' PENSION FUND**

**Public Act 95-950 - Municipal Compliance Report
For the Fiscal Year Ending April 30, 2024**

INDEX OF ASSUMPTIONS

8) The funded ratio of the fund:

Firefighters' Pension Investment Fund - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the April 30, 2024 and 2023 Actuarial Valuations.

Private Actuary - Current and Preceding Fiscal Year Net Present Assets as a percentage of Total Assets as Reported in the April 30, 2024 and 2023 Actuarial Valuations.

9) Unfunded Liability:

Firefighters' Pension Investment Fund - Deferred Asset (Unfunded Accrued Liability) as Reported in the April 30, 2024 Actuarial Valuation.

Private Actuary - Deferred Asset (Unfunded Accrued Liability) as Reported by Lauterbach & Amen, LLP in the April 30, 2024 Actuarial Valuation.