

# CITY OF DARIEN

## NOTICE OF SPECIAL MEETING

**PLEASE TAKE NOTICE THAT THE MUNICIPAL SERVICES COMMITTEE HAS SCHEDULED A SPECIAL MEETING TO BE HELD ON MONDAY, APRIL 2, 2018, 6:30 PM IN THE CITY COUNCIL CHAMBERS AT CITY HALL, 1702 PLAINFIELD ROAD, DARIEN, ILLINOIS. AGENDA IS AS FOLLOWS:**

**1. CALL TO ORDER**

**2. ESTABLISH A QUORUM**

**3. NEW BUSINESS**

- a. **RESOLUTION** – Approval to authorize the Private Property Rear Yard Storm Water Management Assistance Projects and the Removal and Replacement Underdrain Public Works Projects.
- b. **RESOLUTION** – Authorizing the purchase of equipment and installation from Hawkins Water Treatment Group, Inc., for the Hypochlorite Conversion Project for two, (2) water plants, located on Plainfield Road and on 75th Street in an amount not to exceed \$19,876.26.

**4. ADJOURNMENT**

**THIS NOTICE IS GIVEN PURSUANT TO CHAPTER 5, SECTION 120/2.02 OF THE ILLINOIS COMPILED STATUTES (5 ILCS 120/2.01).**

**JOANNE E. RAGONA  
CITY CLERK  
MARCH 29, 2018**

**AGENDA MEMO**  
**Municipal Services Committee**  
**April 2, 2018**

**ISSUE STATEMENT**

Approval of a resolution authorizing the following Private Property Rear Yard Storm Water Management Assistance Projects for:

**Project 1** - 7025, 7029, 7033 Beechnut Lane, 1105, 1113 Ironwood Lane 1110, 1114 71<sup>st</sup> Street in an amount not to exceed \$47,000, (City Cost \$26,518 Resident Reimbursement \$20,482)

**Project 2** - 7621 Linden Avenue in an amount not to exceed \$10,839, (City Cost \$7,379 Resident Reimbursement \$3,460)

**Project 3** - 7413 Adams Street in an amount not to exceed \$11,553, (City Cost \$7,914 Resident Reimbursement \$3,639)

**Project 4** - 6601 Ridge Road 925-921-917 Windmere Court \$7,332 (City Cost \$4,748 Resident Reimbursement \$2,584)

**Project 5** – 1622, 1630 Fox Hill Place 8405 Carriage Green Drive \$30,514 (City Cost \$16,627 Resident Reimbursement \$14,637)

**Project 6** – 1114, 1118, 1122 Tamarack Lane \$15,769 (City Cost \$11,077 Resident Reimbursement \$4,692)

**AND**

The following Removal and Replacement Underdrain Public Works Projects:

**Project 12** - 7600-7700 block of Baker Court/Hayenga Lane \$23,200

**Project 13** - 8600 block of Clifford Drive \$17,000

**Project 14** - 2900 block of Beller Road/Spring Green \$25,000

**BACKGROUND**

Throughout the year, the City receives complaints regarding drainage issues within the rear lot lines/easements. The complaints are due to standing water that stems from active sump pumps, grading issues and mature landscaping. The areas further stay saturated throughout the season, thereby making it difficult to mow and maintain these areas and further creates conditions for mosquito breeding. The City's Private Property-Rear Yard Storm Water Management Assistance Policy or further referred to as the *Rear Yard Drainage Program* allows residents, multifamily, commercial property owners and the City to work together in resolving these nuisance ponding and drainage issues. The projects would rid the area of the nuisance ponding, and allow for positive storm water conveyance within the rear yard easement. Please note, Projects 2 and 5 will require additional easements and will be brought back to the City Council for approval.

The scope of the above, **Projects 1-11** consist of the following work:

- City Staff Field Layout
- Purchase of infrastructure materials
- Outsource of Installation of Infrastructure and Restoration - City Council awarded vendors JC Landscaping and Tree Services and Grade A Grading LLC

The proposed expenditure would be expended from the following line account:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 18/19 BUDGET	PROPOSED EXPENDITURE	RESIDENT REIMBURSEMENT	ACCOUNT BALANCE
01-30-4374	DRAINAGE ASSISTANT PROJECTS	\$ 72,300	\$74,263	\$49,494	* (\$1,963)

\*Staff will review field conditions to determine cost saving opportunities to be in balance with the budgeted line item.

**The following Rear Yard Drainage Programs are an inventory to be considered for the FYE 20 Budget**

**Project 7 - FYE 20** 1509-1505-1501 73rd Street 1514-1510-1506-1502 Shelley Court \$12,365 (City Cost \$8,524 Resident Reimbursement \$3,841)

**Project 8 - FYE 20** 1018 Belair Drive and 1017 Willow Lane \$17,583 (City Cost \$12,438 Resident Reimbursement \$5,145)

**Project 9 - FYE 20** 7101 Wirth Drive \$3,536 (City Cost \$2,536 Resident Reimbursement \$1,000)

**Project 10 - FYE 20** 6914 Sierra Drive \$2,665 (City Cost \$1,665 Resident Reimbursement \$1,000)

**Project 11 - FYE 20** 2951 Meadow Court Dr \$2,665 (City Cost \$1,665 Resident Reimbursement \$1,000)

**The following Projects 12 - 14** are existing underdrain systems installed during the subdivision development and are approximately 25 years in age. The infrastructure of the existing system requires removal and replacement. Residents will have the ability to connect and install pipe with the awarded vendor at a pass through cost.

The scope of the above, **Projects 12-14** consist of the following work:

- City Staff Field Layout
- Purchase of infrastructure materials
- Outsource of Installation of Infrastructure and Restoration-City Council awarded vendors JC Landscaping and Tree Services and Grade A Incorporated

The proposed expenditures would be expended from the following line accounts:

Private Property-Rear Yard Storm Water Management Assistance

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<b>ACCOUNT NUMBER</b>	<b>ACCOUNT DESCRIPTION</b>	<b>FY 18/19 BUDGET</b>	<b>PROPOSED EXPENDITURE</b>
25-35-4376	STORM WATER PROJECTS PROJECT 12	\$ 23,200	\$23,200
25-35-4376	STORM WATER PROJECTS PROJECT 13	\$ 17,000	\$17,000
25-35-4376	STORM WATER PROJECTS PROJECT 14	\$ 25,000	\$25,000

**STAFF RECOMMENDATION**

Approval of a resolution authorizing Projects 1-6 and 12-14 Rear Yard Storm Water Management Assistance Projects and Rear Yard Public Works projects.

**ALTERNATE CONSIDERATION**

As directed by the Committee.

**DECISION MODE**

This item will be placed on the April 2, 2018, City Council, New Business agenda for formal consideration. The Municipal Services Committee will be forwarding their recommendation to the City Council.

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE FOLLOWING PRIVATE PROPERTY REAR YARD STORM WATER MANAGEMENT ASSISTANCE PROJECTS: PROJECT 1 - BEECHNUT LANE, IRONWOOD LANE, 71<sup>ST</sup> STREET, PROJECT 2 - LINDEN AVENUE, PROJECT 3 - ADAMS STREET, PROJECT 4 - RIDGE ROAD, WINDMERE COURT, PROJECT 5 – FOX HILL PLACE, CARRIAGE GREEN DR, PROJECT 6 – TAMARACK LANE**

**AND**

**THE FOLLOWING REMOVAL AND REPLACEMENT UNDERDRAIN PUBLIC WORKS PROJECTS: PROJECT 12 - 7600-7700 BLOCK OF BAKER COURT/HAYENGA LANE, PROJECT 13 - 8600 BLOCK OF CLIFFORD DRIVE, PROJECT 14 - 2900 BLOCK OF BELLER ROAD/SPRING GREEN**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, as follows:**

**SECTION 1:** The City Council of the City of Darien hereby authorizes the Mayor and City Clerk to approve the Private Property Rear Yard Storm Water Management Assistance Projects: Project 1 - 7025, 7029, 7033 Beechnut Lane 1105, 1113 Ironwood Lane 1110, 1114 71st Street in an amount not to exceed \$47,000, (City Cost \$26,518 Resident Reimbursement \$20,482) Project 2 - 7621 Linden Avenue in an amount not to exceed \$10,839, (City Cost \$7,379 Resident Reimbursement \$3,460) Project 3 - 7413 Adams Street in an amount not to exceed \$11,553, (City Cost \$7,914 Resident Reimbursement \$3,639) Project 4 - 6601 Ridge Road 925-921-917 Windmere Court \$7,332 (City Cost \$4,748 Resident Reimbursement \$2,584) Project 5 – 1622, 1630 Fox Hill Place 8405 Carriage Green Drive \$30,514 (City Cost \$16,627 Resident Reimbursement \$14,637) Project 6 – 1114, 1118, 1122 Tamarack Lane \$15,769 (City Cost \$11,077 Resident Reimbursement \$4,692) and the following removal and replacement underdrain public works projects: Project 12 - 7600-7700 block of Baker Court/Hayenga Lane \$23,200, project 13 - 8600 block of Clifford Drive \$17,000, Project 14 - 2900 block of Beller Road/Spring Green \$25,000.

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this 2nd day of April, 2018.**

AYES: \_\_\_\_\_

NAYS: \_\_\_\_\_

ABSENT: \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS, this this 2nd day of April, 2018.**

**RESOLUTION NO.** \_\_\_\_\_

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

**AGENDA MEMO**  
**Municipal Services Committee**  
**April 2, 2018**

**ISSUE STATEMENT**

A **resolution** authorizing the purchase of equipment and installation from Hawkins Water Treatment Group, Inc., for the Hypochlorite Conversion Project for two, (2) water plants, located on Plainfield Road and on 75<sup>th</sup> Street in an amount not to exceed \$19,876.26.

**BACKGROUND/HISTORY**

Currently the City injects chlorine gas to the outgoing supply for the City's potable water. The purpose of adding chlorine to the water is to obtain the optimal chlorine residual throughout town as mandated by the Environmental Protection Agency. The gas chlorine is a very dangerous chemical to work with and can cause serious injuries to employees, general public and cause major damage to other equipment if a leak occurs. The liquid chlorine has become the standard for municipalities.

The project would consist of removing all gas associated equipment and tanks and retrofitting the system to a liquid chlorine feed. The chlorine pumps will be tied into the water Supervisory Control and Data Acquisition, (SCADA) system for monitoring and dosage requirements. The project requires plan submittals and permitting from the EPA.

Staff had requested competitive quotes for the following scope of work.

- Removal of the existing chlorine gas equipment
- Purchase of specified pumps and appurtenances
- Installation and startup of the liquid chlorine system

Below is a summary of the three (3) competitive quotes received:

VENDOR	COST
Dahme Mechanical Industries, Inc.	\$38,888.00
Genco Industries, Inc.	\$30,680.00
Hawkins Water Treatment Group, Inc.	\$14,876.26

The FY17/18 Budget includes funding for the abovementioned items from the following accounts:

ACCOUNT NUMBER	ACCOUNT DESCRIPTION	FY 17/18 BUDGET	EXPENDITURE	BALANCE
02-50-4815	Capital Purchases - Equipment	\$ 40,000.00	\$ 14,876.26	\$ 25,123.74
02-50-4815	Capital Purchases – Equipment - Contingency	N/A	\$ 5,000.00	\$ 20,123.74
TOTALS			\$ 19,876.26	\$ 20,123.74

Chlorine Conversion

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**STAFF RECOMMENDATION**

Staff recommends approval of this resolution authorizing the purchase of equipment and installation from Hawkins Water Treatment Group, Inc., for the Hypochlorite Conversion Project for two, (2) water plants, located on Plainfield Road and on 75<sup>th</sup> Street in an amount not to exceed \$19,876.26.

**ALTERNATE CONSIDERATION**

As directed by the Committee.

**DECISION MODE**

This item will be placed on the April 2, 2018, City Council, New Business agenda for formal consideration. The Municipal Services Committee will be forwarding their recommendation to the City Council.



RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF EQUIPMENT AND INSTALLATION FROM HAWKINS WATER TREATMENT GROUP, INC., FOR THE HYPOCHLORITE CONVERSION PROJECT FOR TWO, (2) WATER PLANTS, LOCATED ON PLAINFIELD ROAD AND ON 75TH STREET IN AN AMOUNT NOT TO EXCEED \$19,876.26**

**BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS**, as follows:

**SECTION 1:** The City Council of the City of Darien hereby authorizes the Mayor and the City Clerk for the purchase of equipment and installation from Hawkins Water Treatment Group, Inc., for the hypochlorite conversion project for two, (2) water plants, located on Plainfield Road and on 75th Street in an amount not to exceed \$19,876.26, attached hereto as "[Exhibit A](#)".

**SECTION 2:** This Resolution shall be in full force and effect from and after its passage and approval as provided by law.

**PASSED BY THE CITY COUNCIL OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS**, this 2nd day of April, 2018.

**AYES:** \_\_\_\_\_

**NAYS:** \_\_\_\_\_

**ABSENT:** \_\_\_\_\_

**APPROVED BY THE MAYOR OF THE CITY OF DARIEN, DU PAGE COUNTY, ILLINOIS**, this 2nd day of April, 2018.

\_\_\_\_\_  
KATHLEEN MOESLE WEAVER, MAYOR

ATTEST:

\_\_\_\_\_  
JOANNE E. RAGONA, CITY CLERK

APPROVED AS TO FORM:

\_\_\_\_\_  
CITY ATTORNEY

# HAWKINS, INC. WATER TREATMENT GROUP

32040 South Route 45  
Peotone, Il. 60468  
Phone: 708.258.3797 Fax: 708.258.3789

Date: March 208, 2018

To: Darien, IL Water Dept

RE: Sodium Hypo Project

Quotation Expires: 60 days

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## QUOTATION PROPOSAL

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This quotation constitutes an offer to furnish the items listed subject to: terms and conditions stated hereon: receipt of your purchase order by Hawkins Water Treatment Group, Inc.; and written acceptance of your order by Hawkins Water Treatment Group, Inc. and /or the manufacturer(s) involved as follows;

Chlorine gas to sodium hypochlorite conversion system for both stations

Includes:

- Qty 3 (three) Blue White Industries A100 chemical feed pump
- Qty 2 (two) 65 gallon storage tanks
- Qty 2 (two) containment tanks 24”L x 24”W x 30” D
- Qty 2 (two) scale bases with load cells
- Qty 100 ft of tubing
- Qty 2 (two) 6T tubes
- Start up and training
- Submittals and O&M manuals

Price \$13,556.26

Labor to remove gas system and install liquid feed system

6 hours at each station @ \$110 per hour

Price \$1,320.00

We will be using their current scale indicators with the new scale bases.

Please note that this quotation is only for the items specified and does not include any provision for applicable taxes. Applicable taxes, as may be required by law, will be added to your invoice.

Thank you for giving me the opportunity to quote you for these products, and I look forward to working with you. Please feel free to contact me on my cell at (708) 212-4636 with any questions or concerns.

Sincerely,  
David Boender  
Project Manager  
Hawkins Water Treatment Group