

CLERK'S CONTRACT and AGREEMENT COVER PAGE

Legistar File ID#: 2019-0900

Innoprise Contract #: C20-0027

Year: 2020-2024

Amount:

Department: PW - Ken Dado

Contract Type: Professional Engineering

Contractors Name: RJN Group

Contract Description: Comprehensive Sanitary Sewer Evaluation 2020-2024
C20-0119 Addendum A Construction Oversight 2020 Sanitary Manhole Rehab (2020-0562 \$45,750)
Addendum B - Flow Monitoring and CCTV Services (2022-031 \$101,180.00)
Addendum C - Fairway Lift Station Improvements - Design Services (2022-0214 \$128, 030.00)
Addendum D - Legistar #2022-0286 - Modify scope of work & payment to add "2022 I&I Sanitary Sewer Rehabilitation Construction services for a cost not to exceed \$49, 560.00 (\$47,200 plus 10% contingency \$2,360.00) in FY 2022"
Addendum E - 2023 Sanitary CCTV Review and Recommendations for a cost not-to-exceed \$38,500.



**ADDENDUM E TO Comprehensive Sanitary Sewer Evaluation 2020-2024, DATED February 19, 2020,
AMENDED September, 29, 2020; May 6, 2022; May 19, 2022; AND July 15, 2022,
BETWEEN
THE VILLAGE OF ORLAND PARK AND RJN GROUP**

WHEREAS, on February 19, 2020, a certain Agreement between the VILLAGE OF ORLAND PARK (hereinafter referred to as "Village") and RJN Group (hereinafter referred to as "Contractor") for the performance of certain professional services for the Village in connection with Comprehensive Sanitary Sewer Evaluation 2020-2024 (hereinafter referred to as the "Project", the "Work", or the "Services") was executed (hereinafter referred to as the "Agreement"); and,

WHEREAS, on September 29, 2020, a certain Agreement between the Village and the Consultant for the 2020 Manhole Rehabilitation Construction Oversight Services was previously amended (hereinafter referred to as the "Addendum A"); and

WHEREAS, on May 6, 2022, a certain Agreement between the Village and the Consultant for the 2022 Flow Monitoring and CCTV Services was previously amended (hereinafter referred to as the "Addendum B"); and

WHEREAS, on May 19, 2022, a certain Agreement between the Village and the Consultant for the 2022 Fairway Lift Station Improvements – Design Services was previously amended (hereinafter referred to as the "Addendum C"); and

WHEREAS, on July 15, 2022, a certain Agreement between the Village and the Consultant for the 2022 I&I Sanitary Sewer Rehabilitation Construction Services was previously amended (hereinafter referred to as the "Addendum D"); and

WHEREAS, the Village wishes to modify CONTRACT DOCUMENTS AND SCOPE OF SERVICES AND PAYMENT.

NOW, THEREFORE, for and in consideration of the foregoing and the mutual covenants herein contained, it is agreed by and between the parties hereto as follows:

1. In the event of any conflict or inconsistency between the provisions of this Addendum E, the Agreement and/or Addendum D, the provisions of this Addendum E shall control.
2. **SECTION 1: THE CONTRACT DOCUMENTS** of said Agreement shall be amended to include Addendum E, dated April 7, 2023; and "Proposal for Work, dated February 27, 2023 for 2023 Sanitary CCTV Review and Recommendations."
3. **SECTION 2: SCOPE OF SERVICES AND PAYMENT** of said Agreement shall be amended to include the "Scope of Work" as set forth in Contractor's Proposal, dated February 27, 2023; and add the words "2023 Sanitary CCTV Review and Recommendations for a cost not-to-exceed amount of \$38,500.00."
4. All of the other terms, covenants, representations and conditions of said Agreement not deleted or amended herein shall remain in full force and effect during the effective term of said Agreement.
5. This Addendum E may be executed in two or more counterparts, each of which taken together, shall constitute one and the same instrument.

This Addendum E, made and entered into effective the 7th day of April, 2023, shall be attached to and form a part of the Agreement dated the 19th day of February, 2020; amended September, 29, 2020; May 6, 2022; May 19, 2022; and July 15, 2022; and shall take effect upon signature below by duly authorized agents of both parties.

IN WITNESS WHEREOF, the parties have caused this Addendum E to be executed by their duly authorized officer in quintuple counterparts, each of which shall be considered as an original.

CONTRACTOR: RJN Group

By: Michael N. Young
By: Michael N. Young (Apr 7, 2023 15:27 CDT)

Name: Michael N. Young

Its Senior Vice President and Authorized Agent

VILLAGE OF ORLAND PARK

By: [Signature]

Name: George Kaczwarra

Title: Village Manager

ATTEST: 4-12-23



Engineering
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February 27, 2023

Mr. Ken Dado
Utility Operations Manager
Village of Orland Park
15655 S. Ravinia Avenue
Orland Park, Illinois 60462

Subject: PROPOSAL FOR VILLAGE OF ORLAND PARK – 2023 CCTV REVIEW AND
RECOMMENDATIONS

Dear Mr. Dado:

RJN Group, Inc. (RJN) is pleased to submit this proposal to the Village of Orland Park (Village) to complete CCTV review and recommendations, as part of the Long-Term Program for the Metropolitan Water Reclamation District of Greater Chicago (MWRD) Inflow and Infiltration Control Program (IICP).

Key Project Goals and Objectives

The Village has established an annual program to maintain clean and televise their sewer collection system. RJN will review the CCTV videos from the 2022 cleaning and televising program, utilizing InfoAsset Planner, and provide comprehensive rehabilitation recommendations. The review and results of the television program will be included in a summary report. In total, approximately 95,000 linear feet of sanitary sewer will be reviewed. RJN will provide access of CCTV data via Clarity™, the RJN online platform. This provides the Village access to all data collected in cleaning and televising programs. The sewer boundaries included in this scope are shown in the map in Exhibit D.

Price and Schedule Summary

This project will be invoiced on a Unit Price and Lump Sum basis for a total not-to-exceed fee of \$38,500. The project is expected to be completed by December 31, 2023. Complete Scope of Services, Pricing, Schedules, and Maps are provided in the following exhibits:

- Exhibit A – Scope of Services
- Exhibit B – Pricing
- Exhibit C – Schedule
- Exhibit D – Project Map

We are looking forward to the opportunity to work with Village of Orland Park on this important project. It is our pleasure to submit this proposal to you. Please feel free to contact either of us at (630) 682-4700 if you would like to discuss this proposal or have any questions.

Sincerely,

RJN Group, Inc.

Handwritten signature of Marissa Villafuerte in black ink.

Marissa Villafuerte, P.E.
Project Manager

Handwritten signature of Michael N. Young in black ink.

Michael N. Young, P.E.
Principal



EXHIBIT A

SCOPE OF SERVICES

RJN is proposing the following scope of services to conduct the 2023 CCTV Review and Recommendations for the Village of Orland Park.

1. CCTV Review and Recommendations

- a. Upload and provide access to CCTV data on Clarity™
- b. Pull in the Info Asset Planner rehabilitation decision logic tree, COF, and LOF for Village specific rehabilitation recommendations
- c. Review sewer televising videos through Info Asset Planner and use PACP-certified personnel and PACP coding standards – up to 30% of linear footage
- d. Provide equipment and personnel as necessary for televising video review of prioritized segments.
- e. Provide data analysis as follows:
 - i. Review observations and edit as necessary;
 - ii. Determine an appropriate rehabilitation method and estimate an associated cost for each defect or segment.
- f. Provide the following in a summary report
 - i. Summary of work completed.
 - ii. Summary of deficiencies observed, and recommendations developed
 - iii. List(s) and map(s) of sewers to be rehabilitated prioritized by severity of defects.

2. Project Management and Meetings

- a. Provide project management services including invoicing, scope, schedule, and fee tracking, and closeout services.
- b. Attend one virtual meeting during the project



EXHIBIT B

PRICING

Pricing Terms for Invoicing: Lump Sum and Unit Rate

Not-To-Exceed Total Cost: \$38,500

Task #	Task	Quantity	Unit	\$/Unit	Total
1001	CCTV Review and Recommendations	95,000	Linear Ft	\$ 0.30	\$ 28,500
2001	CCTV Review Summary Report	1	Lump Sum	\$ 7,500	\$ 7,500
3001	Project Management and Meetings	1	Lump Sum	\$ 2,500	\$ 2,500
				TOTAL :	\$ 38,500



EXHIBIT C

PROPOSED SCHEDULE

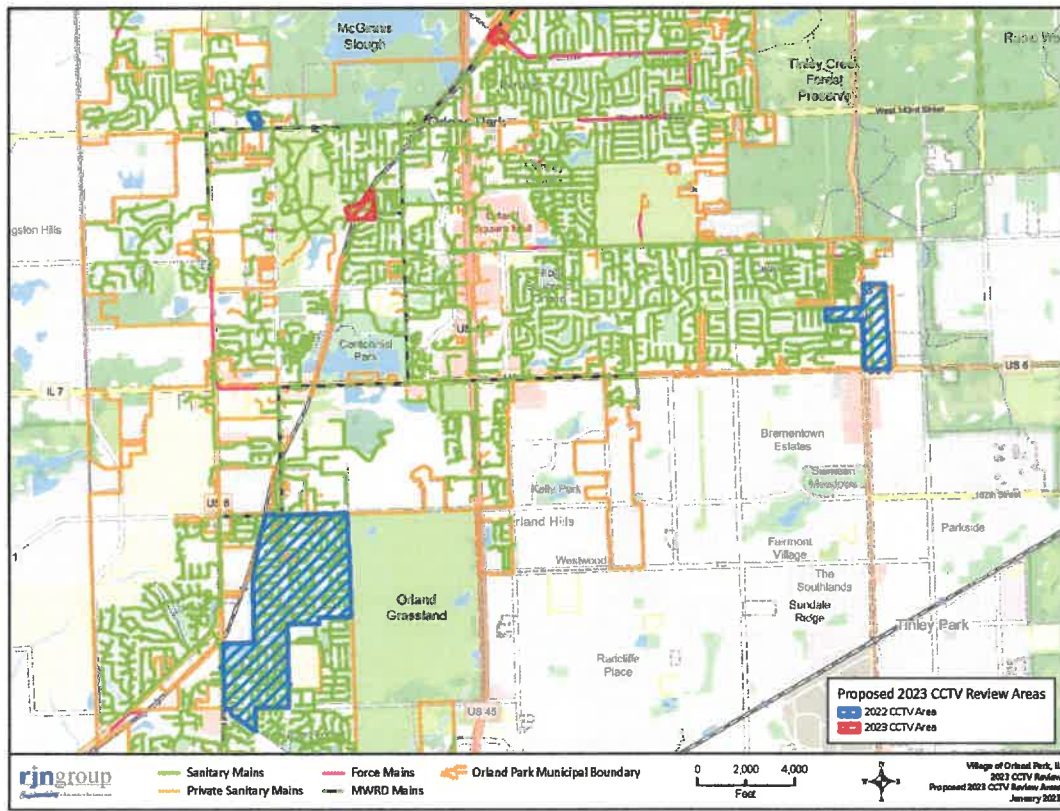
RJN is prepared to start work immediately upon an Agreement. The key schedule parameters for this project are as follows:

CCTV Review and Recommendations

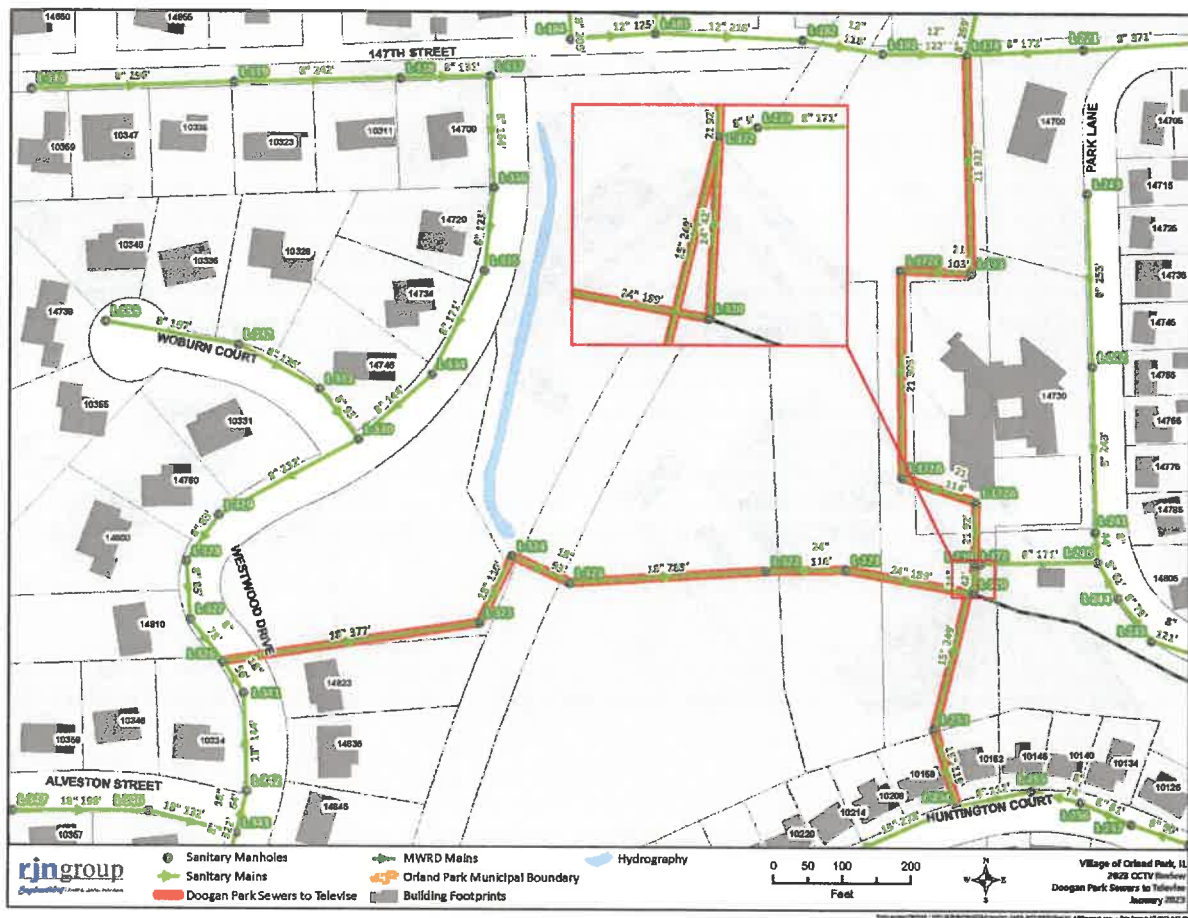
- CCTV review will be completed by November 30, 2023
- The summary report will be submitted to the Village by December 31, 2023



EXHIBIT D PROJECT MAPS









VILLAGE OF ORLAND PARK

14700 Ravinia Avenue
Orland Park, IL 60462
www.orlandpark.org

Master

File Number: 2019-0900

File ID: 2019-0900

Type: MOTION

Status: IN BOARD OF TRUSTEES

Version: 0

Reference:

Controlling Body: Board of Trustees

Department: Public Works
Department

Cost:

File Created Date : 12/05/2019

Agenda Entry: Consulting Engineering Services for Comprehensive
Sanitary Sewer Evaluation - Contract Services

Final Action:

Title: Consulting Engineering Services for Comprehensive Sanitary Sewer
Evaluation - Contract Services

Notes:

Code Sections:

Agenda Date: 01/06/2020

Indexes:

Agenda Number: G.

Sponsors:

Res/Ord Date:

Attachments: Proposal

Res/Ord Number:

Drafter:

Hearing Date:

Department

Effective Date:

Contact:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
0	Public Works Department	12/05/2019	INTRODUCED TO BOARD	Board of Trustees			
	Action Text: INTRODUCED TO BOARD to the Board of Trustees						
0	Board of Trustees	01/06/2020					

Text of Legislative File 2019-0900

..Title

Consulting Engineering Services for Comprehensive Sanitary Sewer Evaluation - Contract Services

History

In 2015, RJN Group Inc. of Wheaton, Illinois (RJN) was selected by a competitive proposal process to perform the village's Comprehensive Sanitary Sewer Evaluation Project. A consultant was requested to guide the Village through the various technical processes to conform to new mandates issued by the Metropolitan Water Reclamation District (MWRD)

Watershed Management Ordinance (WMO) as it relates to the reduction of inflow and infiltration (I&I) into the Village's sanitary sewer system.

RJN Group was tasked to "provide assistance in developing and implementing a Village-wide comprehensive sanitary sewer system evaluation & repair program." RJN Group has assisted in the establishment of some initial programs, parameters and bid documents for short term and long term operational activities.

In 2016, following large scale flow monitoring and a number of meetings and discussions between RJN and Village staff, the priority basin to focus our MWRD short term improvement efforts was identified. The basin is part of the tributary area to the 151st Street Lift Station, generally bounded between 143rd Street, 159th Street, LaGrange Road, and Harlem Avenue. Portions of the MWRD priority basin were also televised in 2016.

In 2017, efforts within the sanitary sewer system included smoke testing, manhole inspections, cleaning and televising of nearly half of the MWRD priority basin. Additional investigations occurred at the 151st Street Lift Station.

In 2018, smoke testing, manhole inspections, cleaning and televising, and dye testing continued in the high priority basin.

In 2019, work was approved by the board to remediate the deficiencies identified over the past several years. Additional testing, inspections, cleaning and televising also continue in the MWRD high priority basin.

2019 was the last contract year for the consulting services of the RJN Group. The MWRD WMO requires additional programs, monitoring and continued reporting of the I&I within the Village. RJN Group has extensive experience with the MWRD's WMO Article 8 requirements and further demonstrated that they have well qualified staff available to complete the development of the various programs for the Village. RJN has been working with Village staff since 2015 building our I&I program and has extensive knowledge of our sanitary sewer system. RJN's rate schedule was clear, comprehensive and appropriately geared to accommodate staff's cost estimates for the development of the required programs. Staff has worked well with RJN Group and is requesting to continue with the RJN Group for performing the following:

- A. To continue assisting the Village of Orland Park in developing a Sewer System Condition Assessment within the high priority area and completing the Short Term Requirements Annual Summary Report.
- B. Assist the Village of Orland Park in the Sanitary Sewer System Rehabilitation Program including Manhole Rehabilitation and Cleaning & Televising. Utilize assessment data to identify rehabilitation needs and high priority deficiencies. Development of a Capital Improvement Program (CIP) based on the severity of the condition.

- C. Implement and submit to MWRD for a Private Sector Program (PSP) that addresses disconnection of direct and indirect cross-connections identified during inspections and repairs to service laterals.
- D. Update/revise the submittal to MWRD of the Village's Long Term Operations & Maintenance (O&M) Program conforming to Section §805 of the MWRD Watershed Management Ordinance.
- E. Public Outreach/Notification Campaign:
Due to the highly visible nature of this type of work, the Consultant will assist staff with creating and maintaining an effective public outreach campaign that will consist of the following:
 - 1. Pre-Project campaign to notice citizens educating them of upcoming Testing/work
 - 2. Web based information, notifications and educational material
 - 3. Scheduled mailings and/or handouts
 - 4. Reminder information by neighborhood or designated work area
 - 5. Brochures, pamphlets and targeted neighborhood correspondences
- F. Continue to assist with programs, parameters and bid documents for short term and long term operational activities including but not limited to:
 - 1. Manhole Inspections
 - 2. Smoke Testing
 - 3. Flow monitoring
 - 4. Televising sanitary sewers

Staff anticipates that the consulting work to develop these critical programs will continue through FY2024. Staff requested a five year proposal (attached) for continuing the current programs and meeting the upcoming MWRD requirements. Estimated costs to continue program development are not to exceed \$70,000 annually for both FY 2020 and FY 2021. The cost will increase for FY 2022 and FY 2023 to \$75,000 each year as well as an increase to \$80,000 for FY 2024. RJN Group has held their annual pricing from FY 2018 for FY 2019 through 2021.

It is the staff's recommendation to continue our program with RJN Group, Inc. of Wheaton, Illinois.

Financial Impact

There are sufficient funds available in the Water Fund Capital account 031-6003-443800.

Recommended Action/Motion

I move to approve accepting the five year consulting engineering services proposal from RJN Group, Inc. of Wheaton, Illinois for Program Management & Compliance with MWRD Inflow and Infiltration Control Program in an amount not to exceed \$70,000 annually for FY2020 and FY2021, an amount not to exceed \$75,000 annually for FY2022 and FY2023 and an amount not to exceed \$80,000 for FY2024.

