

ORDINANCE NO.:

05-2023

SPONSORED BY:

Co-sponsor

MAYOR MATTHEW A. BURKE

All of Council: Collier, Donahue, Seithor, Johnson, Tunising, Kelley, Vaughn
AN EMERGENCY ORDINANCE AUTHORIZING AND DIRECTING DAVID KROCK, CITY ENGINEER, TO PREPARE THE NECESSARY PLANS AND SPECIFICATIONS, PER THE OHM ADVISORS PROPOSAL, AND TO GO OUT FOR COMPETITIVE BIDS, FOR THE MARTIN LUTHER KING JR. SEWER SEPARATION PROJECT AND AUTHORIZING PAYMENT OF COSTS THRU FUNDING BY THE NEORSD MCIP

WHEREAS, Ordinance 45-2022 authorized the Mayor to apply for funding of the Martin Luther King Jr. Boulevard Sewer Separation Project through the Northeast Ohio Regional Sewer District Program(s), and

WHEREAS, the purpose of this project is to eliminate residential basement flooding and property damage, reduce flows to the District's infrastructure for treatment of removing storm water from the currently combined sewer system and improve water quality in area waterways, and reduce and eliminate property damage to both public infrastructure and private property, and

WHEREAS, the City Engineer, David Krock, has prepared an estimate of the engineering, bidding, inspection, testing and construction costs attached here to as the Project Fact Sheet, and

WHEREAS, upon the opening and tabulation of the Public Bid process all construction bids received will be brought before the Board of Control for final approval.

NOW, THEREFORE BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GARFIELD HEIGHTS, OHIO, THAT:

SECTION 1. The City Engineer, David Krock, is hereby authorized and directed to prepare the necessary plans and specifications, per the OHM Advisors Proposal attached hereto as Exhibit "A", and to go out for competitive bids for the Martin Luther King Jr. Boulevard Sewer Separation Project, and authorizing the payment of the costs for this project, which costs will be funded by the NEORSD MCIP.

SECTION 2. Upon compilation and tabulation of the bids received for the project, the City Engineer, David Krock, shall present such tabulation to the Board of Control for approval of the required contracts.

SECTION 3. The Finance Director is hereby authorized and directed to issue her vouchers of the City for the purposes stated in Section 1. hereof, to OHM Advisors for the preparation of the plans, specifications and the public bidding costs of the project in an amount not to exceed \$217,200.00 dollars, and further to the awarded contractor(s) for the estimated construction costs associated with this project in the amount of \$2,000,000.00 upon the approval of the Board of Control, said vouchers to be charged to the appropriate fund.

SECTION 4. Council declares this Ordinance to be an emergency measure necessary for the preservation of the public health, safety and welfare; therefore, this Ordinance shall be in full force and effect immediately upon the adoption by Council and approval by the Mayor; otherwise from and after the earliest period allowed by law.

PASSED: 1-23-2023

APPROVED: Matthew B. C.

MAYOR

Theresa Vay

PRESIDENT OF COUNCIL

ATTEST: Lottie Overly

CLERK OF COUNCIL

EFFECTIVE DATE: 1-23-2023



The City of Garfield Heights

5407 TURNER ROAD • GARFIELD HEIGHTS, OHIO 44125 • PHONE 216/475-1504
FAX 216/475-3807

PROJECT FACT SHEET

Name: MLK Boulevard Sewer Separation

Limits:

| PHASE LOCATION | FROM | TO | LENGTH |
|----------------|------------|------------|---------|
| MLK Boulevard | Cul-de-sac | Thornhurst | 1800 LF |

Scope: The purpose of this project is to eliminate residential basement flooding and property damage, reduce flows to District infrastructure for conveyance and treatment by removing storm water from the currently combined sewer system. Reduce downstream overland flooding of contaminated water and improve water quality in area waterways. Thereby, reducing or eliminating property damage to both public infrastructure and private property.

Costs:

| | |
|-------------------|-----------------------------------|
| \$ 2,000,000 | Construction |
| \$ 217,000 | Engineering & Design & Evaluation |
| <u>\$ 150,000</u> | Inspection & Testing |
| \$ 2,357,000 | Total Project Cost |

Funding:

| | |
|--------------|---|
| \$ 162,900 | Received Funding by NEORSD MCIP - Engineering Design only |
| \$ 1,000,000 | Received State Budget 2023/2024 |
| \$ 1,194,100 | NEORSD MCIP Construction – Apply in the future |
| <u>\$ 0</u> | NEORSD /Community Cost Share Program Construction (If needed) |
| \$ 2,357,000 | Total Project Funding |

Schedule:

| | |
|----------------------|---|
| Feb 2023 - Nov 2023 | Engineering Design & Approvals and PTI application Complete |
| Dec 2024 - Feb 2025 | Bid Award |
| Mar 2025 - Sept 2025 | Construction |

Other: Streets will be closed – with access maintained for Local Traffic.

Questions?

David G. Krock, PE, City Engineer // City Hall: 216.475.1504 // Mobile: 330.350.0521 // david.krock@ohm-advisors.com

ARCHITECTS. ENGINEERS. PLANNERS.



January 5, 2023

Mayor Matt Burke
City of Garfield Heights
5407 Turney Road
Garfield Heights, OH 44125

RE: Martin Luther King Jr. Boulevard Sewer Separation

Location: Garfield Heights, Ohio
Proposal #21265

Dear Mayor Burke:

The following scope of services, price proposal, and project schedule represents our understanding of the project, based upon prior discussions, meetings, funding acquisition, and/or additional project information made available at the time of this proposal. Should you have any questions, please let us know.

Proposal Outline

| | |
|---|---|
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| Client Responsibilities | 8 |
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Sincerely,
OHM Advisors

Chad M. Lewis, PE, Project Manager
Chad.lewis@ohm-advisors.com
D: 216.865.1345 C: 216.644.3987

Authorization to Proceed

Signature

David G. Krock, PE
Vice President
David.krock@ohm-advisors.com

Printed Name

Title

OHM Advisors®

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CLEVELAND OHIO 44103

T 216.865.1335

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Project Understanding

Martin Luther King, Jr., Boulevard from its southern terminus to Thornhurst Avenue (approximately 1,800 linear feet), currently utilizes a combined sewer that ultimately outlets to NEORSD's CSO No. 22 structure. The project will perform cast-in-place lining of existing sanitary sewers and install new storm sewers and storm sewer laterals to the right-of-way. Providing storm sewer laterals will aide residents in future private-side combined lateral separation and/or other resolution of cross-connection issues. Sanitary lateral improvements are not included in the scope of this project. Pavement, curb, and sidewalk will be replaced fully within the project limits. This fee proposal includes engineering and bidding services as described herein.

Scope of Services - Information Gathering Tasks

Task #2 Topographic & Right-of-Way Survey

- The following services are included in the fee shown:
 - Limits of Survey:
 - Martin Luther King, Jr. Boulevard from the southern terminus to Thornhurst Avenue
 - Parcel 54631015 around all sewer to CSO-022, approximately 0.6 acres
 - Data Collected:
 - All existing utilities (overhead and underground), as marked by OUPS
 - All street pavement and curbs
 - Driveways, hard surfaces, landscape areas, trees, bushes, etc.
 - Contour elevations
 - Other important topographic features that might impact construction
 - Determine right-of-way and easement boundaries, in relation to proposed work.
 - This information will be collected and provided in an AutoCAD format for use in design

Scope of Services - EWRG Tasks

Task # 20 Pre-Construction Flow Monitoring & Analysis

- The Northeast Ohio Regional Sewer District (NEORSD) requires its member communities to conduct project performance verification to document how Member Community Infrastructure Program (MCIP) projects perform. To meet the project performance verification for this combined sewer separation project, flow monitoring will be conducted for a three-month duration prior to construction. Post-construction flow monitoring will be included in a separate future construction services proposal. Specific work efforts of this task include the following:
 - Project specific health and safety plan
 - Flow meter pre-installation site investigation to determine installation feasibility
 - Provide for traffic control and safety during site visits (assumed that only minor traffic control is needed)
 - Install and calibrate two (2) flow meters in local manholes CO21ZZYA0 and MTAFA005
 - Collect and record the following flow data in 5-minute intervals for a duration up to three months:
 - Depth
 - Velocity

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- Flow
 - Maintain and service flow meter, including battery replacements and calibrations, as needed
 - Perform data downloads (manual data downloads every 2-3 weeks)
 - Perform dry weather water quality investigation at stormwater manhole CSO022A0004, including E. coli sampling, as needed
 - Request rainfall data from NEORSD owned rain gauges
 - Import flow meter and rainfall data into H2Ometrics analysis platform
 - Review of manual data downloads
 - Edit flow meter data using H2Ometrics analysis platform, as needed
 - Uninstall meter at conclusion of the monitoring period
 - Deliverables include:
 - Site installation forms (PDF)
 - Site maintenance and service records (PDF)
 - NEORSD rain gauge data in 5-minute intervals (.csv file)
 - Raw and edited flow monitoring data in 5-minute intervals (.csv file)
 - Rainfall-derived inflow and infiltration evaluation technical memorandum (PDF)

Task # 25 Stormwater Model Development & Basis of Design Report (BDR)

- OHM will prepare a child version of the Northeast Ohio Regional Sewer District's (NEORSD) master model using PCSWMM to evaluate the available capacity and future improvements for the sewershed. Model definition will conform with NEORSD accepted modeling practices and standards. Specific work efforts of this task include the following:
 - Define tributary subcatchment areas using LIDAR
 - Define land cover characteristics for subcatchments
 - Determine subcatchment hydrologic data, including rainfall characteristics
 - Create existing Regional and Local sewer network from survey, available as-built data, and GIS
 - Calibrate the model using preconstruction flow monitoring data
 - Define model accuracy and predictability range of acceptance
 - Utilize the existing conditions model to size the proposed sewer network required within the project limits
 - This model will be updated and utilized for all future phases of stormwater design within the defined subcatchment area
 - Prepare basis of design
 - Tabulate drainage calculations
 - Create schematic of proposed system
 - Submit report and present findings to the City and NEORSD as part of the design review process described in Task #59
 - Deliverables:
 - Hardcopy and electronic .PDF of BDR
 - PCSWMM Export Files (for NEORSD use)



Scope of Services - Engineering Tasks

Task #56 Pre-Design & Field Analysis

- The following services are included in the fee shown:
 - Analysis
 - The engineer shall utilize the field review and any existing CCTV video of the combined sewer to verify conditions for construction, maintaining traffic, repair/replacement effort, and to make notations of specific areas of concern and caution for the contractor.
 - Recommendation
 - The engineer will provide limits and type of work to be performed on designated streets along with associated construction estimates to aid in project decision making.

Task #58 Schematic Design

- The following services are included in the fee shown:
 - Schematic design of sewer replacement/repair, storm sewer installation, and pavement repair, and resurfacing
 - Initial plan view layout
 - Initial storm sewer sizing
 - Initial analysis of vehicular and pedestrian traffic issues
 - Initial analysis of site impacts, beyond the roadway including driveways, side streets, and adjacent property
 - Preparation of Schematic level construction cost estimate
 - Coordination of initial design concepts with public agencies, including:
 - City of Garfield Heights Administration
 - Cuyahoga County Department of Public Works
 - NEORSD
 - Submittal of Schematic Design Plans to Private Utility Companies for initial coordination of impacts/conflicts with their facilities for purposes of relocation.

Task #59 Design Development

- The following services are included in the fee shown:
 - Design Development of storm, pavement reconstruction, curb, walk, and drive apron replacement
 - Street Design
 - Pavement section, width, and profile
 - Sanitary Sewer Lining Design
 - Storm Sewer Design
 - Plan and profile design of storm sewers
 - Maintenance of Traffic Design
 - Preparation of lane use details
 - Preparation of local detours and signage
 - Preparation of local access details



- Preparation of plan sheets showing MOT plan
- Preparation of Design Development level construction cost estimate
- Coordination of DD level plans with public agencies, including:
 - City of Garfield Heights Administration
 - Cuyahoga County Department of Public Works
 - Cleveland Water Department, if applicable
 - NEORSD
- Submittal of Design Development Plans to private utility companies for further coordination of impacts/conflicts with their facilities for purposes of relocation.

Task #60 Construction Documents

- The following services are included in the fee shown:
 - Preparation of Construction Documents shall be as follows:
 - Title Sheet
 - Legend Sheet
 - Schematic Plan
 - Typical Sections
 - General Notes & Specifications
 - Maintenance of Traffic Plan & Details
 - General Summary
 - Plan & Profile Sheets
 - Cross Sections
 - Intersection Detail Sheets
 - Drive Detail Sheets
 - Storm Sewer Crossings Profile Sheet
 - Construction Details
 - Cuyahoga County & NEORSD Sewer Detail Sheets
 - SWPPP Site Plan
 - Design will include all details and specifications required for public bidding of a unit price contract, in accordance with industry standards.
 - Coordination and approval of Final Construction plans with public agencies, including:
 - City of Garfield Heights Administration
 - Cuyahoga County Department of Public Works
 - Cleveland Water Department
 - NEORSD
 - Submittal of Final Construction plans to Private Utility Companies for follow-up and final coordination of impacts/conflicts with their facilities for purposes of relocation.



Task #90 Official Engineer's Project Cost Estimate

- The following services are included in the fee shown:
 - Determination of Estimated Quantities for Construction
 - Evaluation and Estimate of Construction Costs for use with Public Bidding Requirements

Scope of Services - Bidding & Award Tasks

Task #151 Bidding & Contract Documents

- The following services are included in the fee shown:
 - Preparation of bid documents including legal advertisement, instructions to bidders, bid forms, contract forms and affidavits, prevailing wage forms, EEO forms, scope of work, schedule, and other Owner forms and requirements to be added to the public bidding process.
 - These documents will be 100% complete, ready for bidding of the Public Project.
 - Bid books will be made available for purchasing by bidders

Task #152 Bid Process, Review, & Award

- The following services are included in the fee shown:
 - Addendums/Clarifications
 - This activity is necessary to provide written explanation to all bidders for any questions regarding the bid documents and plans.
 - Depending upon the size and complexity of the project, multiple addendums/clarifications may be required for the project.
 - OHM will prepare addendums/clarifications and any necessary supporting documents and distribute to plan holders.
 - Post-Bid Activities
 - Evaluation of bids and contractor qualifications
 - Pre-Award Meeting to review all bid items with apparent low bidder
 - Recommendation of Award to the Owner
 - Contract Documents
 - OHM will prepare (3) three copies of contract documents for execution, bonding, insurance, etc.
 - OHM will prepare the notice of commencement for signature(s)
 - The fee provided includes one bidding process only. In the event the project needs re-bid, a contract modification will be submitted for the additional bidding services provided.



Price Proposal

| # | Information Gathering Tasks | Fee |
|-----------|--|---------------------------------|
| Task #2 | <i>Topographic & Right-of-Way Survey</i> | \$ 13,500 |
| | | <i>Subtotal =</i> \$ 13,500 |
| # | EWRG Tasks | Fee |
| Task #20 | <i>Pre-Construction Flow Monitoring & Analysis</i> | \$ 38,500 |
| Task #25 | <i>Stormwater Model Development & Basis of Design Report</i> | \$ 20,000 |
| | | <i>Subtotal =</i> \$ 58,500 |
| # | Design Tasks | Fee |
| Task #56 | <i>Pre-Design & Field Analysis</i> | \$ 2,500 |
| Task #58 | <i>Schematic Design</i> | \$ 38,000 |
| Task #59 | <i>Design Development</i> | \$ 45,400 |
| Task #60 | <i>Construction Documents</i> | \$ 51,800 |
| Task #90 | <i>Official Engineer's Project Cost Estimate</i> | \$ 1,500 |
| | | <i>Subtotal =</i> \$ 139,200 |
| # | Bidding & Award Tasks | Fee |
| Task #151 | <i>Bidding & Contract Documents</i> | \$ 3,000 |
| Task #152 | <i>Bid Process, Review & Award</i> | \$ 3,000 |
| | | <i>Subtotal =</i> \$ 6,000 |
| | | <i>Grand Total =</i> \$ 217,200 |

Compensation

The fee proposal above shall be completed on a lump sum basis.

Anticipated Project Schedule

Information Gathering Tasks: January/February 2023

EWRG Tasks: March - June 2023

Design Tasks: February - November 2023

Bidding & Award Tasks: December 2024 - February 2025

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Clarifications & Assumptions

- Our Proposal was prepared based on the following assumptions:
 - If additional labor effort or change in schedule is required beyond described herein, OHM Advisors will negotiate an amendment with the City of Garfield Height. OHM Advisors will not proceed with additional services without written authorization to proceed from the City of Garfield Height.
 - Meetings shall be conducted in accordance with the Scope of Services as described herein. Additional meetings, not described within our Scope of Services, shall be considered additional services, and will be billed on an hourly basis under the Additional As-Needed Services Allowance upon agreement with the City of Garfield Height.

Client Responsibilities

- City of Garfield Height will provide a single point of contact to OHM Advisors who is knowledgeable about the project needs and desired outcomes
- City of Garfield Height will provide the following, if available, to assist us with the project: (prior as-builts and existing plans, plat maps, site surveys indicating site boundaries, exiting topography, access to structures, easements and utility line information, utility availability, building information, etc.)

Terms & Conditions

The Terms and Conditions contained in the Annual Engineering contract per ordinance number 104-2022 shall also apply to this contract.

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FISCAL OFFICER'S CERTIFICATION

Date: *January 18, 2023*

It is hereby certified that the amount, or estimated amount, identified as follows:

#213 - Storm & Sanitary Fund

Required to meet the contract, agreement, obligation, payment or expenditure, identified in the attached ordinance or resolution, has been, or is now being, lawfully appropriated or authorized or directed for such purchase and is in the Treasury of the City, or is in the process of collection to the credit of fund, or funds identified as follow

and is free from any obligation, encumbrance, or certification now outstanding.

Barbara Brix

Fiscal Officer/Finance Director

ORDINANCE NO.:

06-2023

adopted - 1-23-2023

eff. - 2-22-2023

Passed 7-0

SPONSORED BY:

CO-Sponsor

MAYOR MATTHEW A. BURKE

All of Council: Collier, Donahue, Seither, Johnson, Tonsing, Kelle, Vaughn

AN ORDINANCE AUTHORIZING AND DIRECTING THE MAYOR, OR HIS DESIGNEE, TO ENTER INTO AN AGREEMENT WITH N2NET TO PROVIDE INTERNET SERVICES TO ALL MUNICIPAL BUILDINGS LOCATED WITHIN THE CITY OF GARFIELD HEIGHTS

WHEREAS, The City of Garfield Heights is currently under contract with N2Net, LLC to receive internet services at its municipal buildings through March 2023, and

WHEREAS, in Ordinance 108-2022, this Council authorized the Mayor to enter into an agreement with Spectrum Enterprise for the purpose of receiving internet services beginning March 2023, and

WHEREAS, after Ordinance 108-2022 passed, but before an agreement was entered into, N2NET, the City's current internet provider, submitted a new quote to the City in an effort to retain the City as a customer going forward, and

WHEREAS, at this time, having reviewed all proposals, the IT Department has advised the Mayor that the best proposal has now been submitted by N2Net, and

WHEREAS, accordingly, the City wishes to enter into an agreement with N2Net for the purposes for receiving internet at all municipal buildings located within the City, and

WHEREAS, the previous agreement with N2Net LLC, provided internet services of 100 MB speed at a cost of \$1095.00 per month; the new agreement will provide internet at a speed of 1 GB speed (ten times faster than our current agreement) at a cost of \$1388.00 per month and provide a connection to multiple internet providers ensuring little-to-no down time in the event of a single carrier outage, and

WHEREAS, the agreement shall begin in March 2023, at the conclusion of the previous agreement, shall be for a period of thirty-six (36) months, and shall not exceed \$50,000.00 in total cost.

NOW, THEREFORE BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GARFIELD HEIGHTS, OHIO, THAT:

SECTION 1. The Mayor, or his designee, is hereby authorized to enter into an agreement with N2Net (purchase order attached hereto as Exhibit A and incorporated as if fully written within) for the above-stated purpose at a total cost not to exceed \$50,000.00.

SECTION 2. The Finance Director is hereby authorized and directed to issue her vouchers of the City for the purpose set forth in Section 1 hereof, said amount to be charged to the appropriate Fund.

SECTION 3. This Ordinance shall take effect and be in force from and after the earliest period allowed by law.

PASSED: 1-23-2023

APPROVED: Matthew A. Burke

MAYOR

Theresa Vaughn

PRESIDENT OF COUNCIL

ATTEST: Lottie Overly

CLERK OF COUNCIL

EFFECTIVE DATE: 2-22-2023



N2Net

a New Age Consulting Service Inc. company

815 Superior Ave. E, Suite 425

Cleveland, OH 44114

Website: www.n2net.net

Phone: 216-619-2000 Fax: 216-619-2004

Prepared by: Adam Alletto (AdamA@N2Net.com)

Service Activation Form

| | |
|--------------------|-----------|
| DATE | 1/17/2023 |
| QUOTE # | 20230117 |
| CUSTOMER ID | |
| VALID UNTIL | 2/16/2023 |
| TERM OF COMMITMENT | 36 Months |

CUSTOMER

The City of Garfield Heights

Matt Burke

5407 Turney Road

Garfield Heights, Ohio 44125

NOTE

| QTY | ID | DESCRIPTION | PRICE | FREQ | TAX | PRICE EXT |
|-----|----|-----------------------------|------------|------|-----|------------|
| 1 | | 1 GB Private Fiber | 1,388.00 | | | 1,388.00 |
| 1 | | Fiber Installation | 1,000.00 | | | 1,000.00 |
| 1 | | Fiber Installation (Waived) | (1,000.00) | | | (1,000.00) |

TERMS AND CONDITIONS

This agreement is executed in accordance with N2Net's TERMS AND CONDITIONS for SERVICE AGREEMENT (TERMS) posted at <http://www.n2net.net/tos>. The Client has read, understands and accepts the TERMS and agrees to be bound thereby. The Client understands that a required deposit fee must be paid in full before N2Net will proceed with this service order.

Circuits will be terminated to the carrier's demarcation point (DEMARC) at the installation address. Any costs associated with extending the circuit(s) from the DEMARC to your equipment location is the responsibility of the customer.

| | | |
|--------------|-----------|-----------------|
| NRC | \$ | - |
| MRC | \$ | 1,388.00 |
| Tax rate | TBD | |
| Tax | \$ | - |
| TOTAL | \$ | 1,388.00 |

CUSTOMER ACCEPTANCE

Printed Name:

Title:

Signature:

Date:

This Proposal or Service Activation Form is confidential and proprietary and for use only by N2Net and the Entity(s) and Individual(s) listed above. Information contained herein may not be disclosed to any other party without the express written consent of N2Net.

Thank You For Your Business!

FISCAL OFFICER'S CERTIFICATION

Date: *January 18, 2023*

It is hereby certified that the amount, or estimated amount, identified as follows:

#101 General Fund - Land & Buildings

Required to meet the contract, agreement, obligation, payment or expenditure, identified in the attached ordinance or resolution, has been, or is now being, lawfully appropriated or authorized or directed for such purchase and is in the Treasury of the City, or is in the process of collection to the credit of fund, or funds identified as follow

and is free from any obligation, encumbrance, or certification now outstanding.

Barbara Bur

Fiscal Officer/Finance Director