



MANITOWOC PUBLIC UTILITIES

1303 South 8th Street P.O. Box 1090 Manitowoc, WI 54221-1090 920-683-4600 FAX 920-686-4348 www.mpu.org

CITY OF MANITOWOC
900 QUAY STREET
MANITOWOC, WI 54220

March 11, 2021

**SUBJECT: RIVER POINT DEVELOPMENT
RECONFIGURE ELECTRIC UTILITY AT NORTH 10TH AND MARITIME DRIVE
ESTIMATE 2021-1 (JOB 1)**

Enclosed you will find:

- Construction Estimate # **2021-01-1** Reconfigure Electric Utility at North 10th and Maritime Drive
- Customer Requirements Checklist
- Electric Service Request form for extending electric service to the traffic light controller
- Commercial Application for Service form
- Certificate of Final Grade form

Please read the documents carefully and comply with them completely.

You are asked to submit payment for the full cost of the estimate in advance of MPU construction. Please keep in mind that this is ONLY an estimate and that actual costs may be different. Conditions that could affect this estimate are:

- Labor rates
- Current material prices
- Soil conditions
- Unforeseen obstacles in the construction path
- Weather conditions such as frost, heavy snow or rain
- Mistakes in the final grade either too high or too low
- Unusual construction problems which may arise during installation

When all requirements are met, MPU will prepare a work order and schedule the work. If you do not apply for this service within 60 days of this estimate, then please request a new estimate.

Sincerely,

Steve Bacalzo
Distribution Operations Manager

Enclosures

Manitowoc Public Utilities Billing Estimate

Estimate Given To:

City of Manitowoc
 900 Quay Street
 Manitowoc, WI 54220

Estimate #

E2021-01-1

Date

03/11/21

Type

Underground

Method

L/M

General Description

RIVER POINT DEVELOPMENT JOB 1: Reconfigure the electric utility lines to accommodate the City's modification of the intersection at North 10th and Maritime Drive: Remove overhead lines, remove three street lights and poles, install one primary riser pole with an underground supply to a new four-way primary enclosure, install riser with underground secondary to 1 Maritime Drive, replace underground primary supply to the bridge, install pad-mounted transformer to supply traffic controller, re-route overhead service to 1 Maritime Drive via a new pole on Maritime Drive, and install a new service to the proposed traffic light controller.

Installation Labor

Foreman
 Lineman
 AP Lineman
 Derrick Truck
 Bucket Truck
 Pickup

Hours

0
 120
 0
 16
 16
 0

Total Labor Cost

\$9,920.00

Installation Material

Stock

Description

Quantity

Unit Cost

Total Cost

Outside Contractor Costs

	0	0	0.00	0.00
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Total Outside Contractor Costs

17,255.00

Estimate Summary - Estimate No.

E2021-01-1

Labor Costs

9,920.00

Installation Material

13,781.48

Additional Contractor Costs

17,255.00

ADEC Deduction

475.00

Less Removal Allowance / Service Upgrade Credit

2,500.00

Manitowoc Public Utilities Billing Estimate

Total Cost 37,981.48

Balance Due \$37,981.48

By signing below, I certify and acknowledge the following:

- 1.) I have authority to order this work for the subject property.
- 2.) I understand that MPU is providing a cost **estimate** for the subject work. You are required to pay this estimate in full and in advance of construction. A final invoice or credit will be issued depending on actual cost of performing the work.
I agree to pay costs that might exceed this estimate.
- 3.) Work done between October 30 and May 15 is routinely subject to additional frost charges. These charges will apply if frost is encountered during the course of work.
- 4.) MPU normally requires two weeks to design and schedule its work. **MPU does not begin to schedule its work until the customer provides ALL items requested in the MPU Customer Checklist that accompanies this estimate.** Items normally include but are not limited to the following: a Certificate of Final Grade form to ensure that grade will not change more than 6 inches after the MPU installation; the physical route for the MPU installation must be cleared 10' wide of brush, trees, dirt piles, etc.; an appropriate meter pedestal or service mast, including grounds, must be installed in a location approved by MPU -- alternatively, for services requiring a dedicated MPU transformer, the customer must provide a concrete transformer pad per MPU specifications; all privately-owned underground infrastructure (existing or planned sprinkler systems, invisible fences, electric lines, communication wires, drain tiles, piping, etc.) must be identified and located by the customer; all easement documents as requested by MPU; lot corners and easements must be staked; and full payment for this estimate must be provided to MPU in advance.
- 5.) **I have communicated and identified the locations of any known environmental issues to MPU, such as: protected wetlands; hazardous substances or chemicals in the soil; threatened or endangered plant or animal species present; or existing permits for soil management that apply to the property.**
- 6.) This estimate is valid for 60 calendar days. Please request an updated estimate if all requested items are not provided to MPU within 60 calendar days of this estimate.
- 7.) The customer must have an **electrical permit** issued by the City of Manitowoc Building Inspection Department. This permit will require an **electrical inspection** to be completed by the City Building Inspection Department prior to the service being energized by MPU. The customer is responsible for scheduling this inspection with the Building Inspection Department (minimum 48 hour advance notice).

NOTE: The customer is responsible for replacing any concrete, asphalt, or paving that is disturbed by the work indicated in this estimate.

Customer Signature _____

Date _____

Printed Name _____



CUSTOMER REQUIREMENTS CHECKLIST

TO: City of Manitowoc
900 Quay street
Manitowoc, WI 54220

DATE: March 11, 2021
PROJECT: River Point - Job 1
ESTIMATE: 2021-1-1

This checklist has been prepared by Steve Bacalzo (phone 920-686-4310) and communicates the requirements necessary to complete the construction that you are requesting of MPU. Please complete the items requested to ensure timely completion of the project.

- | Requested | Completed | N/A | |
|-------------------------------------|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A Commercial or Residential Application for service form must be completed for billing the energy consumed by new services. (Available at www.mpu.org) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | An Electric Service Request Form (ED-1050 attached or available at www.mpu.org). (Normally submitted by Electrical Contractor) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | For services larger than 200 amps, the customer/contractor must list the equipment to be connected to electric service. The list should describe the equipment and its horsepower or watt rating on the Electric Load Data Form (ED-1023 attached or available at www.mpu.org). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | A site plan may be required. Details including building outlines, grades, driveways, walkways, and existing utility facilities are helpful. If a specific location for MPU facilities is desired, this should also be noted on the site plan. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Codes limit locations where an oil-filled, utility transformer may be installed adjacent to a building, air intakes, windows, doors and fire escapes. Refer to PSC 114 and consult with MPU to ensure codes are satisfied. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | A permit for electric construction must be taken out with Building Inspection at the City Hall. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Prior to installation of facilities, a construction estimate must be signed. This signature indicates to MPU that the customer has reviewed the terms of the extension, agrees to pay the estimated costs in advance of MPU installation, and actual costs if they exceed the estimate. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Requested easements must be provided, prior to installation, in a form which can be legally recorded by the customer and provided to MPU. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Before MPU can bury electric cables, the customer must certify that the terrain along the trench route is within 6 inches of the final grade at the time of URD service installation. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Lot corners need to be marked. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Easements, wetlands, contaminated soil, and/or the existence of endangered plant or animal species need to be marked if applicable to the site. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | The customer must clear the path prior to electric installation. Trees, brush, and other obstacles need to be removed by customer/contractor. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Mark the location of all <u>privately-owned</u> underground facilities on your property. This includes, but is not limited to the following: sewer lines, electric lines, communication wires, water lines, sprinkler systems, invisible fences, wells, fuel lines, drain tiles, etc. Future building plans should be discussed with MPU so that our lines do not need to be relocated at your expense in the future. |

RE: CERTIFICATION OF FINAL GRADE

Establishing the final grade on your property is necessary prior to the installation of Manitowoc Public Utilities (MPU) underground facilities. This is for the protection and safety of you, your family, and/or business, as well as our utility. We are obligated by law to install our cable at certain depths and maintain that minimum ground cover. If a grade change of more than 6" occurs after the installation of our facilities, we may no longer be in compliance with State and National Electrical Codes. Therefore, it is essential that the grading of your property to within 6" of final grade be established prior to the installation of our facilities.

Manitowoc Public Utilities is not responsible for damage to lawn or landscaping which may occur during installation of facilities.

You are responsible for maintaining the final grade to prevent gross settling and erosion over time. You may be required to reimburse MPU for the cost of relocating or re-burying the underground facilities on your property if the grade changes by more than 6" or the cable is exposed or damaged.

For your own safety and convenience, if you ever have reason to change the grade or dig in the area after your service has been installed, please call Diggers Hotline at 1-800-242-8511.

Please notify us when the grading of your property is within 6" of final grade by signing this form. *MPU WILL NOT INSTALL ANY CABLES OR FACILITIES UNTIL WE RECEIVE THIS SIGNED DOCUMENT ASSURING US OF PROPER GRADE.*

To Manitowoc Public Utilities:

Grading of my property at **River Point Development–Intersection of North 8th and Maritime (Job 1)** is now within 6" of final grade.

Grades in the area to be provided with electric service have been checked and have been certified by:

Surveyor (Printed Name): _____

Customer Signature: _____

Printed Name / Title: _____

Company Name / Phone #: _____

Date: _____



MANITOWOC PUBLIC UTILITIES

1303 South 8th Street P.O. Box 1090 Manitowoc, WI 54221-1090 920-683-4600 FAX 920-686-4315 www.mpu.org

COMMERCIAL APPLICATION FOR SERVICE

Application Date: _____
Service Applied For: _____ Electric _____ Water/Sewer _____ Steam
Service Address: _____
Apartment/Unit: _____ Start Date of Service: _____
Ownership Status: _____ Own _____ Rent Landlord: _____

Business Name: _____ Phone: _____
Type of Customer: _____ Individual _____ Partnership _____ Corporate _____ Other
Federal ID # _____ Fax: _____
Contact Person: _____ Emergency #: _____
Applicant (Agent) Name: _____ Title: _____
Doing Business As: _____
Billing Address _____

Affiliated Business: _____ Phone: _____
Address: _____ Fax #: _____
_____ Contact: _____

Credit Reference: _____

Banking Reference: _____

Customer Agreement: I hereby apply for Electric and/or Water/Sewer and/or Steam service for the above premise. I agree that said electricity and/or water/sewer and/or Steam shall be used in conformity with the rates, rules and regulations on file with the Public Service Commission of Wisconsin, or in the office of this utility. I agree to pay for services at the established rates on or by the due date as billed.

Customer Signature: _____ Date: _____


OFFICE USE ONLY Account Number: _____

Comments: _____

MANITOWOC PUBLIC UTILITIES- ELECTRIC SERVICE REQUEST

A. NEW SERVICE OR SERVICE UPGRADE – Reference MPU Form ED-1049 for General Information

Service Address:		
Owner of Property:	Owner's Address:	Owner's Phone:
Contractor:	Contractor's Address:	Contractor's Phone:
If work is billable by MPU, then invoice to:		
Description of Service Use:	<input type="checkbox"/> Commercial – Define Type: _____ <input type="checkbox"/> Residential: <input type="checkbox"/> 1-Family <input type="checkbox"/> 2-Family <input type="checkbox"/> Multi-Family <input type="checkbox"/> Tenant Occupied <input type="checkbox"/> Owner Occupied	Contractor's Planned Work: <input type="checkbox"/> Reattach meter base/conduit (only) <input type="checkbox"/> Repair service equipment <input type="checkbox"/> Install new service <input type="checkbox"/> Convert to underground service <input type="checkbox"/> Relocate existing service <input type="checkbox"/> Modify service as described: _____ _____
<input type="checkbox"/> Temporary Service <input type="checkbox"/> Permanent Service <input type="checkbox"/> Underground <input type="checkbox"/> Overhead	Main Disconnect Size & AIC Rating: _____ Service Entrance Wire Size/Type: _____ _____ _____	Work Requested of MPU: <input type="checkbox"/> Reseal meter (only) <input type="checkbox"/> Replace contractor's temp connections <input type="checkbox"/> Temporarily disconnect service <input type="checkbox"/> Re-connect service <input type="checkbox"/> Install and/or energize service <input type="checkbox"/> Modify service as described: _____ _____
Voltage Requested: <input type="checkbox"/> 120/240, 3W <input type="checkbox"/> 120/208, 4W <input type="checkbox"/> 277/480, 4W <input type="checkbox"/> Primary If service is larger than 200 amps, then furnish MPU Form ED-1023	Residential Units: The property has electric: <input type="checkbox"/> Air Conditioning (fixed in place) <input type="checkbox"/> Hot Water <input type="checkbox"/> Range <input type="checkbox"/> Clothes Dryer <input type="checkbox"/> Heat <input type="checkbox"/> Geothermal	

<div style="text-align: center;">  <p>Sketch to indicate requested meter location(s)</p> </div> <div style="text-align: center;"> <input type="checkbox"/> Sketch or Site Plan Attached </div>	Comments / Project Dates Requested: _____ _____ _____ _____ _____
CIS Service Order # (Assigned by MPU): _____	

B. ELECTRICAL INSPECTION -MINIMUM 48 HOURS ADVANCE NOTICE IS REQUIRED BY ELECTRICAL INSPECTOR

Electrical Inspector: I have inspected the work and the service may be supplied by the utility.	
Signed:	Date:

Disclosure: If customer information is to be shared with another party, please complete a Customer Consent Form
 If tax exemptions apply, then provide Form S211 Wisconsin Sales & Use Tax Exemption Certificate