



21-0631

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

NICK MUELLER AND ADAM TEGEN
900 QUAY STREET
MANITOWOC, WI 54220

April 15, 2021

SUBJECT: MC3 PROJECT (BUFFALO STREET)

Dear Nick and Adam,

Enclosed you will find:

- Construction Estimate # **2021-014**
- Customer Requirements Checklist
- Electric Service Request 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
- The Average Depreciated Embedded Cost (ADEC) credit (if any indicated) for this installation is based on MPU Service Rules and the electric load that you communicated to MPU. The ADEC credit is subject to review of actual load and true up within 12 months of energizing new electric service.

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,

Justin Hoffmann
Electrical Engineer

Enclosures

Manitowoc Public Utilities Billing Estimate

Estimate Given To:	Estimate #	Date	Type	Method
Nick Mueller and Adam Tegen City of Manitowoc 900 Quay Street Manitowoc, WI 54220	E2021-014	04/15/21	Underground	L/M

General Description Remove existing transformer and pedestal. Install underground primary cable, underground secondary cable, transformer, and secondary pedestals to supply the Crossing and Howe.

Installation Labor	Hours	Total Labor Cost
Foreman	30	\$4,290.00
Lineman	30	
AP Lineman	0	
Derrick Truck	0	
Bucket Truck	0	
Pickup	0	

Installation Material	Description	Quantity	Unit Cost	Total Cost
Stock				
Outside Contractor Costs				
*****		0	0.00	0.00
Total Outside Contractor Costs				7,172.50

Estimate Summary - Estimate No.	E2021-014
Labor Costs	4,290.00
Installation Material	4,302.02
Additional Contractor Costs	7,172.50

Manitowoc Public Utilities Billing Estimate

ADEC Deduction	0.00
Less Removal Allowance / Service Upgrade Credit	0.00
Total Cost	15,764.52
Balance Due	\$15,764.52

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: Nick Mueller and Adam Tegen
900 Quay Street
Manitowoc, WI 54220

DATE: April 15, 2021
PROJECT: MC3 – Buffalo Street
ESTIMATE: 2021-014

This checklist has been prepared by Justin Hoffmann (phone 920-686-4347) 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 type="checkbox"/> | <input type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input 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 checked="" type="checkbox"/> | <input 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 _____, 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: _____