



Memorandum

DATE: July 28, 2011

TO: Menasha Board of Public Works

FROM: Mark Radtke, Director of Public Works *MR*

RE: Change Order No. 2 for City of Menasha Wastewater Collection System Rehabilitation Improvements – Phase 4 Project; Contract E145-11-01A; Terra Engineering & Construction Corporation; ADD \$37,875.50

At the July 18th Council meeting a deduct change order was approved on this contract in the amount of \$51,989.50. That change order was necessary due to land interest concerns on the City's part (no apparent sewer easement). I had indicated that the City would pursue adding other needed sewer work to maximize the benefit of the Clean Water Fund low interest loan.

Change Order No. 2 involves lining of additional deteriorated sanitary sewer lines and the lining of an additional manhole in poor condition. These improvements will minimize the existing leaks in these facilities as well as strengthen the pipe sections and manhole. This is a cost effective procedure due to the savings realized with the reduced flows to the treatment plant. I recommend approval of the change order as submitted.

Enclosure

CHANGE ORDER NO. CO-1451101A-02 DATE July 27, 2011

KAEMPFER & ASSOCIATES, INC. PROJECT: WW COLL. SYSTEM REHAB. IMPR'S PHASE 4
Consulting Engineers
Post Office Box 150 OWNER: CITY OF MENASHA
650 East Jackson Street 140 Main Street
Oconto Falls, WI 54154 Menasha, WI 54952

OWNER'S PROJECT NO.: E145-11-01A ENGINEER'S PROJECT NO.: E145-10.09

CONTRACTOR: TERRA ENGINEERING & CONSTRUCTION CONTRACT DATE: June 1, 2011
COMPLETION DATE: December 28, 2011
ADDRESS: 2201 Wondron Road
Madison, WI 53718-6795

CONTRACT: E145-11-01A

You are directed to make the changes noted below in the above contract and this Change Order becomes a part of your contract, subject to all the conditions thereof;

NATURE OF CHANGE: Add CIPP total lining work, sanitary lateral sealing work, and grout for the following sewer segments: Chute Street MH 201-MH 104, and Manitowoc Street MH 483-MH 469. Add sanitary manhole grouting work at 18 manholes.

ADDITIONAL NUMBER OF CONTRACT DAYS PROVIDED BY THIS CHANGE ORDER: 0 DAYS
Enclosures: Drawing Nos. P104, P105, and P121; and Change Order Summary Table.

The changes result in the following adjustment of Contract Price:

Contract Price Prior to this Change Order	<u>\$476,651.00</u>
Net (Increase/ Decrease) Resulting from this Change Order	<u>\$ 37,875.50</u>
Current Price, including this Change Order	<u>\$514,526.50</u>

The above changes are approved:

FOR THE ENGINEER: By: Taryn S. Nall, P.E. Date: _____

FOR THE OWNER: By: Mark Radtke, P.E., Director of Public Works Date: _____

The above changes are accepted:

FOR THE CONTRACTOR: TERRA ENGINEERING & CONSTRUCTION
By: Randy Bieri, Project Manager Date: _____

SUMMARY TABLE

Add the following items:

Item No.	Description	Unit Price	Total Cost
21A	297 -lineal feet of 12-inch sanitary sewer CIPP lining on Chute Street between MH 201 and MH 104	\$33.50	\$9,949.50
22A	329 -lineal feet of 10-inch and 12-inch transition sanitary sewer CIPP lining on Manitowoc Street between MH 483 and MH 469	\$34.00	\$11,186.00
23A	10 -each pressure inject grouting lateral connection	\$683.00	\$6,830.00
24A	100 -gallons of pressure inject grout material for lateral connections, as specified in Article C2.19	\$10.00	\$1,000.00
25A	18 -each set-up for manhole grouting	\$95.00	\$1,710.00
26A	4 -each grout lifting hole	\$75.00	\$300.00
27A	2 -each grout barrel crack	\$300.00	\$600.00
28A	9 -each grout pipe connection	\$225.00	\$2,025.00
29A	19 -each grout barrel joint	\$225.00	\$4,275.00
	Total Additions for CO-1451101A-02		\$37,875.50