OWNER

MONTHLY STATEMENT OF UNIT PRICE CONTRACT ACCOUNT

Request for: Final (~~Partial~~/Final) Payment No. PR-1451101A-04 Date: October 9, 2012

Project: Wastewater Collection System Rehabilitation Improvements, Phase 4

Owner: City of Menasha

Contractor: Terra Engineering & Construction Corporation E145-10.09

Original Contract Amount as Bid:	$528,640.50
*(ADD)(DEDUCT) by Revised Quantities:	$11,231.10
*Amount Added by Change Order:	$43,397.00
*Amount Deducted by Change Order:	($57,511.00)
TOTAL CONTRACT THIS DATE:	$525,757.60
Value of Work Completed to Date:	$525,757.60
Amount Deducted for Defective Work (Summary Attached)	($12,767.90)
Less 0 Percent Retainable: (Of Total Contract This Date)	$0.00
Net Total:	$512,989.70

Project on Schedule: _____ YES _____ NO 100 % Complete

Record of Previous Payments:

1	$458,227.18	11/11/11	6			11		
2	$41,857.26	2/28/12	7			12		
3	$12,489.75	3/23/12	8			13		
4			9			14		
5			10			15		

Amount Previously Paid:	$512,574.19
AMOUNT DUE THIS REQUEST:	$415.51

This is to certify that, in accordance with the terms of the Contract, the Contractor is entitled to a payment in the amount requested.

Engineer's Approval for Payment

BY: _____

Taryn S. Nall, P.E.
KAEMPFER & ASSOCIATES, INC.

Owner's Approval for Payment

BY: _____

Mark Radtke, P.E., Dir. of Public Works
CITY OF MENASHA

* See Unit Price Contract Spreadsheet

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Unit Price Contract
E145-11-01A Sanitary Sewer Rehabilitation
October 9, 2012

PROJECT: Wastewater Collection System Rehabilitation Improvements Phase 4
OWNER: City of Menasha
CONTRACTOR: Terra Engineering & Construction Corporation

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	BID QTY.	BID TOTAL	PREVIOUSLY REQUESTED QTY.	PREVIOUSLY REQUESTED TOTAL	CURRENT REQUEST QTY.	CURRENT REQUEST TOTAL	REVISED * QUANTITY	TOTAL	ADD (+0) DEDUCT (-)
1A	18-inch sanitary sewer CIPP lining	LF	$59.50	2,531	$150,594.50	2,255.7	$134,214.15		$0.00	2255.7	$134,214.15	-$16,380.35
2A	15-inch sanitary sewer CIPP lining	LF	$61.00	271	$16,531.00	210.0	$12,810.00		$0.00	210	$12,810.00	-$3,721.00
3A	12-inch sanitary sewer CIPP lining	LF	$33.50	5,255	$176,042.50	4,426.2	$148,277.70		$0.00	4426.2	$148,277.70	-$27,764.80
4A	10-inch and 12-inch transition sanitary sewer CIPP lining on Elm Street between MH 168 and MH 169	LF	$34.00	333	$11,322.00	335.0	$11,390.00		$0.00	335	$11,390.00	$68.00
5A	10-inch sanitary sewer CIPP lining	LF	$26.50	2,696	$71,444.00	2,905.8	$77,003.70		$0.00	2905.8	$77,003.70	$5,559.70
6A	8-inch sanitary sewer CIPP lining	LF	$23.50	3,565	$83,777.50	3,628.3	$85,265.05		$0.00	3628.3	$85,265.05	$1,487.55
7A	Pressure inject grouting lateral connection	EA	$683.00	10	$6,830.00	21.0	$14,343.00		$0.00	21	$14,343.00	$7,513.00
8A	Pressure inject grout material for lateral connections, as specified in Article C2.19	GAL	$10.00	100	$1,000.00	73.7	$737.00		$0.00	73.7	$737.00	-$263.00
9A	Pressure inject grouting joints and cracks in 18-inch diameter sanitary sewer	EA	$368.00	3	$1,104.00	4.0	$1,472.00		$0.00	4	$1,472.00	$368.00
10A	Pressure inject grouting joints and cracks in 8-inch diameter sanitary sewer	EA	$97.00	35	$3,395.00	35.0	$3,395.00		$0.00	35	$3,395.00	$0.00
11A	Pressure inject grout material for joints and cracks, as specified in Article C2.19	GAL	$10.00	400	$4,000.00	39.1	$391.00		$0.00	39.1	$391.00	-$3,609.00
12A	15-inch sanitary sewer CIPP spot lining on Naymut Street between MH 155 and MH 156	LF	$650.00	4	$2,600.00	4.0	$2,600.00		$0.00	4	$2,600.00	$0.00
	TOTAL, ITEMS 1A THROUGH 12A				**$528,640.50**		**$491,898.60**		**$0.00**		**$491,898.60**	**-$36,741.90**
	CHANGE ORDER #CO-1451101A-01											
13A	18-inch sanitary sewer CIPP lining	LF	$59.50	-322	-$19,159.00		$0.00		$0.00		$0.00	$19,159.00
14A	15-inch sanitary sewer CIPP lining	LF	$61.00	-271	-$16,531.00		$0.00		$0.00		$0.00	$16,531.00
15A	12-inch sanitary sewer CIPP lining	LF	$33.50	-628	-$21,038.00		$0.00		$0.00		$0.00	$21,038.00
16A	Pressure inject grouting lateral connection	EA	$683.00	-1	-$683.00		$0.00		$0.00		$0.00	$683.00
17A	Pressure inject grout material for lateral connection	GAL	$10.00	-10	-$100.00		$0.00		$0.00		$0.00	$100.00
18A	8-inch PVC sanitary sewer CIPP lining	LF	$23.50	135	$3,172.50	140.0	$3,290.00		$0.00	140	$3,290.00	$117.50
19A	Pressure inject grouting lateral connection	EA	$683.00	3	$2,049.00		$0.00		$0.00		$0.00	-$2,049.00
20A	Pressure inject grout material for lateral connection	GAL	$10.00	30	$300.00		$0.00		$0.00		$0.00	-$300.00
	TOTAL CHANGE ORDER #CO-1451101A-01				**-$51,989.50**		**$3,290.00**		**$0.00**		**$3,290.00**	**$55,279.50**
	CHANGE ORDER #CO-1451101A-02											
21A	12-inch sanitary sewer CIPP lining on Chute Street between MH 201 and MH 104	LF	$33.50	297	$9,949.50	298.0	$9,983.00		$0.00	298	$9,983.00	$33.50
22A	10-inch and 12-inch transition sanitary sewer CIPP lining on Manitowoc Street between MH 483 and MH 469	LF	$34.00	329	$11,186.00	329.0	$11,186.00		$0.00	329	$11,186.00	$0.00

*This estimate based on __X__ Estimated Quantity ____ Field Measured Quantity
K:\E145 10 09\EMAIL\SPREADSHEET 04

Unit Price Contract
E145-11-01A Sanitary Sewer Rehabilitation
October 9, 2012

PROJECT: Wastewater Collection System Rehabilitation Improvements Phase 4
OWNER: City of Menasha
CONTRACTOR: Terra Engineering & Construction Corporation

ITEM NO.	DESCRIPTION	UNITS	UNIT PRICE	BID QTY.	BID TOTAL	PREVIOUSLY REQUESTED		CURRENT REQUEST		REVISED * QUANTITY	TOTAL	ADD (+0) DEDUCT (-)
						QTY.	TOTAL	QTY.	TOTAL			
23A	Pressure inject grouting lateral connection	EA	$683.00	10	$6,830.00		$0.00		$0.00		$0.00	-$6,830.00
24A	Pressure inject grout material for lateral connections, as specified in Article C2.19	GAL	$10.00	100	$1,000.00		$0.00		$0.00		$0.00	-$1,000.00
25A	Set-up for manhole grouting	EA	$95.00	18	$1,710.00	20.0	$1,900.00		$0.00	20	$1,900.00	$190.00
26A	Grout lifting hole	EA	$75.00	4	$300.00	5.0	$375.00		$0.00	5	$375.00	$75.00
27A	Grout barrel crack	EA	$300.00	2	$600.00	2.0	$600.00		$0.00	2	$600.00	$0.00
28A	Grout pipe connection	EA	$225.00	9	$2,025.00	13.0	$2,925.00		$0.00	13	$2,925.00	$900.00
29A	Grout barrel joint	EA	$225.00	19	$4,275.00	16.0	$3,600.00		$0.00	16	$3,600.00	-$675.00
TOTAL CHANGE ORDER #CO-1451101A-02					**$37,875.50**		**$30,569.00**		**$0.00**		**$30,569.00**	**-$7,306.50**
TOTAL CONTRACT AMOUNT TO DATE					**$514,526.50**		**$525,757.60**		**$0.00**		**$525,757.60**	**$11,231.10**

*This estimate based on __X__ Estimated Quantity ____ Field Measured Quantity
K E145 10-09 EMAIL SPREADSHEET 04

SUMMARY OF DEFECTIVE WORK
TERRA ENGINEERING & CONSTRUCTION CORPORATION
CONTRACT E145-11-01A

SANITARY SEWER REHABILITATION
CITY OF MENASHA, WISCONSIN

1. Manhole 265-264 Willow Lane

   274' - Stain at 9:00

   283' - Stain at 10:00

2. Manhole 264-263 Willow Lane

   22' - Stain at 1:00 - 3 pinholes

   68' - Stain at 7:00 - pinhole

   69' - Stain at 7:00 - pinhole

   318'-321' - Lift of approximately 1"

   373' - Stain at 10:00

   392'-408' - Lift - one layer of liner split open at 392' at 6:00

3. Manhole 263-262 Willow Lane

   127' - Stain at 11:00

   260' - Stain at 1:00 - pinhole

   297' - Stain at 1:00 - pinhole

   335' - Stain at 1:00 - pinhole

4. Manhole 262-261 Willow Lane

   11'-81' - Intermittent staining at 4:00

   92'-93' - Lift of approximately 2" - lift cut out and spot liner placed on 7-18-12

   173' - Stain at 8:00

   368'-388' - Lift - holes drilled into lift and re-cured on 1-26-12. Lift flattened out

5. Manhole 180-181 Keyes Street

   4'-6' - Stain at 2:00 - crack or cut