

It is expected that a Quorum of the Personnel Committee, Administration Committee, and Common Council will be attending this meeting: (although it is not expected that any official action of any of those bodies will be taken)

**CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
March 18, 2013
6:35 PM
or immediately following the Administration Committee
AGENDA**

A. CALL TO ORDER

B. ROLL CALL/EXCUSED ABSENCES

C. MINUTES TO APPROVE

1. March 4, 2013

D. ACTION ITEMS

1. Recommendation to Award – City of Menasha Ninth Street Sewage Lift Station Modifications; Contract E145-13-01A; PTS Contractors; \$276,600.00
2. Recommendation to Award – City of Menasha Ninth Street Sewage Force Main Replacement; Contract E145-13-01B; Roger Bowers Construction, Inc.; \$194,066.35

E. ADJOURNMENT

"Menasha is committed to its diverse population. Our Non-English speaking population and those with disabilities are invited to contact the Menasha City Clerk at 967-3603 24-hours in advance of the meeting for the City to arrange special accommodations."

CITY OF MENASHA
Board of Public Works
Third Floor Council Chambers
140 Main Street, Menasha
March 4, 2013
MINUTES

DRAFT

A. CALL TO ORDER

Meeting called to order by Chairman Taylor at 6:45 p.m.

B. ROLL CALL/EXCUSED ABSENCES

PRESENT: Aldermen Englebert, Benner, Klein, Taylor, Sevenich, Langdon, Krueger, Zelinski

ALSO PRESENT: Mayor Merkes, CA/HRD Captain, PC Styka, DPW Radtke, CDD Keil, Dpty Treasurer Sassman, Clerk Galeazzi

C. MINUTES TO APPROVE

1. [February 18, 2013](#)

Moved by Ald. Krueger, seconded by Ald. Klein to approve minutes.

Motion carried on voice vote.

D. ACTION ITEMS

1. [Street Use Application – Memorial Day Parade; Monday, May 27, 2013; 8:00 AM – 11:00 AM \(Twin City Veterans Organization\)](#)

Moved by Ald. Englebert, seconded by Ald. Zelinski to recommend to Common Council Street Use Application for Memorial Day Parade, Monday May 27, 2013, 8:00AM-11:00AM, Twin City Veterans Organization.

Motion carried on voice vote.

2. [Street Use Application – Race the Lake; Sunday, August 18, 2013; 7:00 AM – 9:00 AM \(Midwest Sports Events\)](#)

Moved by Ald. Krueger, seconded by Ald. Zelinski to recommend to Common Council Street Use Application for Race the Lake, Sunday August 18, 2013, 7:00AM-9:00AM, Midwest Sport Events.

Motion carried on voice vote

3. [Request to Add or Move a Street Light at the Intersection of Washington Street and Garfield Avenue \(Graphic Packaging International\)](#)

DPW Radtke explained the request from Graphic Packaging for a street light at the intersection of Washington Street and Garfield Avenue for the safety of their employees. Most of the City's major signalized intersections have three or four street lights. This intersection only has two. Staff recommends installing a street light on an existing pole at the northeast corner. The cost of adding one 150 watt HPS street light is approximately \$125/year.

Moved by Ald. Krueger, seconded by Ald. Englebert to recommend to Common Council installation of a 150 watt HPS light on the existing Menasha Utilities' pole located at the northeast corner of the intersection of Washington Street and Garfield Avenue.

Motion carried on roll call 8-0.

4. [Selection of Design Elements for Structures and Noise Barriers along STH 441 \(441 Expansion Project\)](#)

DPW Radtke explained the Department of Transportation is seeking input from affected local municipalities for the design elements for the 441 Expansion Project. Common Council previously selected Ashlar Stone finish concept. The WisDOT would like to refine the Ashlar concept for the structures east of Little Lake Butte des Morts, Junction US 10/WIS 441 and US 41 structures, neighborhood noise barrier concept and highway noise barrier concept. The final decision will be made by WisDOT on the basis of input from all involved communities and impacted property owners.

Moved by Ald. Sevenich, seconded by Ald. Englebert to recommend to Common Council selection of Ashlar Stone Concept A as design element for structures east of Little Lake Butte des Morts for the WIS 441 expansion project.

Motion carried on roll call 8-0.

Moved by Ald. Sevenich, seconded by Ald. Englebert to recommend to Common Council selection of Ashlar Stone Concept A as design element for Junction US 10/WIS 441 and US 41 structures for the WIS 441 expansion project.

Motion carried on roll call 8-0.

Moved by Ald. Sevenich, seconded by Ald. Englebert to recommend to Common Council selection of Ashlar Stone Concept B as design element for neighborhood noise barrier concept for the WIS 441 expansion project.

Motion carried on roll call 8-0.

Moved by Ald. Sevenich, seconded by Ald. Englebert to recommend to Common Council Selection of Highway Concept 1 as design element for highway noise barrier concept for the WIS 441 expansion project.

Motion carried on roll call 8-0.

E. ADJOURNMENT

Moved by Ald. Klein, seconded by Ald. Langdon to adjourn at 7:00 p.m.

Motion carried on voice vote.

Respectfully submitted by Deborah A. Galeazzi, WCMC, City Clerk

Kaempfer & Associates, Inc.

Consulting Engineers

650 East Jackson St. P.O. Box 150
Oconto Falls, Wisconsin 54154
(920) 846-3932 Fax (920) 846-8319

March 14, 2013

E145-08.06

Mr. Mark Radtke, P.E., Director of Public Works
City of Menasha
140 Main Street
Menasha, WI 54952-3190

Re: Ninth Street Sewage Lift Station Improvements
Bid Award Recommendation

Dear Mr. Radtke:

On Tuesday, March 12, 2013 at 2:00 p.m., bids for the Ninth Street Sewage Lift Station Improvements, Contract E145-13-01A for Sewage Lift Station Modifications and Contract E145-13-01B for Sewage Force Main Replacement were opened and read. A total of eleven (11) bids were received from ten (10) Contractors. Two (2) bids were received for Contract E145-13-01A and nine (9) bids were received for Contract E145-13-01B. All of the Contractors who received plans and specifications and were prequalified by the City submitted a bid.

The two (2) bids received for Contract E145-13-01A, Sewage Lift Station Modifications, were as follows:

<u>Contractor</u>	<u>Total Bid</u>
PTS Contractors, Inc.	\$298,875.00
Advance Construction, Inc.	\$325,010.00

The proposal schedule for Contract E145-13-01A did not contain any optional work items. The proposal schedule for Contract E145-13-01A contained two substitute optional work items. Substitute Optional Bid Item O-1A is for removing and replacing the existing sewage lift station shown on the drawings with a USEMCO below grade flooded suction pumping station. Bid Items 1A, 2A, 3A, 4A, 5A, and 7A would be eliminated if Substitute Optional Bid Item O-1A is selected. Substitute Optional Bid Item O-1A would decrease the contract amount of the low bidder for Sewage Lift Station Modifications by \$22,275.00. We recommend that Substitute Optional Bid Item O-1A be included in the Sewage Lift Station Modifications contract.

Substitute Optional Bid Item O-2A is for removing and replacing the existing sewage lift station shown on the drawings with a Smith & Loveless below grade flooded suction pumping station. Smith & Loveless was unable to provide a quotation and supporting information to the Contractors for Substitute Optional Bid Item O-2A. As a result, the Contractors did not provide a bid for Substitute Optional Bid Item O-2A.

No Contractors offered proposed alternatives for the Sewage Lift Station Modifications contract.

The nine (9) bids received for Contract E145-13-01B, Sewage Force Main Replacement, were as follows:

<u>Contractor</u>	<u>Total Bid</u>
Roger Bowers Construction, Inc.	\$194,066.35
David Tenor Corporation	\$196,106.60
Donald Hietpas & Sons, Inc.	\$203,702.56
Carl Bowers & Sons Construction Co., Inc.	\$212,400.00
DeGroot, Inc.	\$220,906.37
VanStraten Construction Co., Inc.	\$232,620.00
PTS Contractors, Inc.	\$241,523.20
Feaker & Sons Co., Inc.	\$246,699.00
Dorner Inc.	\$327,175.00

The proposal schedule for Contract E145-13-01B did not contain any optional work items or substitute optional work items. No Contractors offered proposed alternatives for the Sewage Force Main Replacement contract.

One (1) combined bid was received for Contracts E145-13-01A and E145-13-01B. The low combined bid of \$540,398.20 from PTS Contractors, Inc. was \$47,456.85 higher than the sum of the low bids from PTS Contractors, Inc. for Contract E145-13-01A and Roger Bowers Construction, Inc. for Contract E145-13-01B. The combined bid will not affect the low bidders for Contracts E145-13-01A and E145-13-01B. We recommend that the combined bid not be considered.

A copy of the bid tabulation, which includes details of the unit price work items, is attached for your information. The bid tabulation reflects the amounts after all corrections have been made. Two (2) addenda were issued during the bidding process. All of the Contractors acknowledged receipt of Addendum No. 1 and Addendum No. 2. All bidders whose proposals were received were prequalified by the City of Menasha.

The Engineer's estimate for the project, based on the final design, was:

Contract E145-13-01A, Sewage Lift Station Modifications	\$170,200.00
Contract E145-13-01B, Sewage Force Main Replacement	<u>\$320,849.00</u>
TOTAL	<u>\$491,049.00</u>

The sum of the low bids was one percent (1%) higher than the Engineer's estimate. We are of the opinion that bidding on the project was very competitive due to the closeness of the bids and the number of bidders.

All proposals were signed and notarized and were submitted with a bid bond for five percent (5%) of the bid amount. The following irregularities were found when the bids were reviewed:

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Mr. Mark Radtke, P.E., Director of Public Works

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1. PTS Contractors, Inc. did not provide complete addresses for Proposed Subcontractors for Contract E145-13-01A. PTS Contractors, Inc. provided names of more than one manufacturer and supplier on the Proposed Equipment and Material List for Contract E145-13-01B. PTS Contractors, Inc. failed to provide complete addresses for Proposed Subcontractors for Contract E145-13-01B. PTS Contractors, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form.
2. Advance Construction, Inc. provided a total bid for Contract E145-13-01A written in figures for Bid Items 1A through 8A as \$325,010.00. The total of Bid Items 1A through 8A did not equal the amount listed for their bid. The total cost for Bid Item 8A has been adjusted for the math error. The total cost for Bid Item 8A is \$50,500.00. Advance Construction, Inc. provided a total cost for Substitute Optional Bid Item O-1A written in words as "one hundred seventy nine thousand + 00/100" and written in figures as \$175,000.00. Advance Construction, Inc. failed to provide complete addresses for Proposed Subcontractors. Advance Construction, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Advance Construction, Inc. did not provide typed name for the signature block on the Bid Bond.
3. Roger Bowers Construction, Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Roger Bowers Construction, Inc. did not provide name or address for the Terrace and Lawn Restoration Subcontractor. Roger Bowers Construction, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Roger Bowers Construction, Inc. did not provide typed name or title for the signature block on the Bid Bond. The bonding company did not provide a city and state for the Attorney-in-Fact on the Bid Bond for Roger Bowers Construction, Inc.
4. David Tenor Corporation did not have a correct total cost due to an addition/math error. The total cost for Contract E145-13-01B was listed as \$196,124.60. The correct total cost for Contract E145-13-01B is \$196,106.60. David Tenor Corporation provided names of more than one manufacturer on the Proposed Equipment and Material List. David Tenor Corporation failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. David Tenor Corporation did not provide typed name or title for the signature block on the Bid Bond.
5. Donald Hietpas & Sons, Inc. did not have a correct total cost for Bid Item 20B due to a multiplication error. The total cost for Bid Item 20B was listed as \$5,100.00. The correct total cost for Bid Item 20B is \$4,641.00. This error did not affect the total bid amount. Donald Hietpas & Sons, Inc. provided names of more than one manufacturer and supplier on the Proposed Equipment and Material List. Donald Hietpas & Sons, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Donald Hietpas & Sons, Inc. did not provide typed name for the signature block on the Bid Bond.

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Mr. Mark Radtke, P.E., Director of Public Works

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6. Carl Bowers & Sons Construction Co., Inc. did not have a correct total cost for Bid Item 11B due to a multiplication error. The total cost for Bid Item 11B was listed as \$2,440.00. The correct total cost for Bid Item 11B is \$2,240.00. The total cost for Contract E145-13-01B was incorrect due to this error. The correct total cost for Contract E145-13-01B is \$212,400.00. Carl Bowers & Sons Construction Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Carl Bowers & Sons Construction Co., Inc. failed to provide addresses for Proposed Subcontractors. Carl Bowers & Sons Construction Co., Inc. did not provide typed name for the signature block on the Bid Bond.
7. DeGroot, Inc. provided a total sum written in words as "Two hundred twenty thousand nine hundred Six + 37/100" and written in figures as \$228,571.37 for Contract E145-13-01B. The total cost for Bid Items 1B through 21B is \$220,906.37. The correct total cost for Contract E145-13-01B is \$220,906.37. DeGroot, Inc. failed to provide addresses for Proposed Subcontractors. DeGroot, Inc. did not provide a name or address for the Terrace and Lawn Restoration Subcontractor. DeGroot, Inc. did not provide a typed name or title for the signature block on the Bid Bond.
8. VanStraten Construction Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. VanStraten Construction Co., Inc. failed to provide name or address for the Terrace and Lawn Restoration Subcontractor.
9. Feaker & Sons Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Feaker & Sons Co., Inc. failed to provide complete addresses for Proposed Subcontractors.
10. Dorner Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Dorner Inc. did not provide a typed name for the signature block on the Bid Bond.

We are of the opinion that the irregularities are not significant and should be waived.

Based on our review of the bids, we recommend that Contract E145-13-01A, Sewage Lift Station Modifications, be awarded to PTS Contractors, Inc. of Green Bay, Wisconsin for the amount of \$276,600.00. The contract amount will include replacing Bid Items 1A, 2A, 3A, 4A, 5A, and 7A with Substitute Optional Bid Item O-1A.

Base Bid	\$298,875.00
Delete Bid Item 1A	(\$ 2,075.00)
Delete Bid Item 2A	(\$ 30,600.00)
Delete Bid Item 3A	(\$ 7,100.00)
Delete Bid Item 4A	(\$105,500.00)
Delete Bid Item 5A	(\$ 6,000.00)
Delete Bid Item 7A	(\$ 11,000.00)
Add Substitute Optional Bid Item O-1A	<u>\$140,000.00</u>
TOTAL	<u>\$276,600.00</u>

March 14, 2013
Mr. Mark Radtke, P.E., Director of Public Works
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Based on our review of the bids, we recommend that Contract E145-13-01B, Sewage Force Main Replacement, be awarded to Roger Bowers Construction, Inc. of Kaukauna, Wisconsin for the amount of \$194,066.35.

The total of both contracts to be awarded is \$470,666.35. Please contact Jeff Wolford or me if you have any questions or need additional information.

Sincerely,

KAEMPFER & ASSOCIATES, INC.



Taryn S. Nall, P.E.

TSN:jlb

Enc: Bid Tabulation

Bid Tabulation
 Ninth Street Sewage Lift Station Improvements
 Contract No. E145-13-01
 City of Menasha

Bid Date: March 12, 2013
 Engineer: Kaempfer & Associates, Inc.
 Page 1 of 1

Contractor	E145-13-01A Sewage Lift Station Modifications	E145-13-01B Sewage Force Main Replacement	Combined Bid	Bid Bond
PTS Contractors, Inc.	\$298,875.00	\$241,523.20	\$540,398.20	5%
Advance Construction, Inc.	\$325,010.00	--	--	5%
Roger Bowers Construction, Inc.	--	\$194,066.35	--	5%
David Tenor Corporation	--	\$196,106.60	--	5%
Donald Hietpas & Sons, Inc.	--	\$203,702.56	--	5%
Carl Bowers & Sons Construction Co., Inc.	--	\$212,400.00	--	5%
DeGroot, Inc.	--	\$220,906.37	--	5%
VanStraten Construction Co., Inc.	--	\$232,620.00	--	5%
Feaker & Sons Co., Inc.	--	\$246,699.00	--	5%
Dorner Inc.	--	\$327,175.00	--	5%
Engineer's Estimate	\$170,200.00	\$320,849.00		

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS

Contract E145-13-01A

City of Menasha, Winnebago County, Wisconsin

March 12, 2013

Item No.	Description	Contractors		Engineer's Estimate Total Cost
		PTS Contractors, Inc. Total Cost	Advance Construction Inc. Total Cost	
1A	Provide sewage lift station stair modifications	\$2,075.00	\$2,660.00	\$3,200.00
2A	Remove equipment, prepare surfaces, and paint interior and exterior exposed steel surfaces	\$30,600.00	\$39,200.00	\$37,000.00
3A	Provide Type "B" premium efficiency inverter duty motors	\$7,100.00	\$14,000.00	\$6,000.00
4A	Provide raw sewage pump variable frequency drive, primary and secondary control systems, electrical and control panel, and electrical and control work	\$105,500.00	\$95,000.00	\$45,000.00
5A	Provide pump suction elbows and sewage lift station ancillary systems, as specified in Article C11.04	\$6,000.00	\$16,100.00	\$18,500.00
6A	Provide 6-inch diameter ductile iron raw sewage suction pipelines	\$81,100.00	\$100,000.00	\$22,500.00
7A	Provide cathodic protection system	\$11,000.00	\$7,550.00	\$10,000.00
8A	Provide all other work for modification of the Ninth Street Sewage Lift Station	\$55,500.00	\$50,500.00	\$28,000.00
TOTAL, Items 1A through 8A		\$298,875.00	\$325,010.00	\$170,200.00
SUBSTITUTE OPTIONAL WORK ITEMS				
<p>The bidder shall provide a price for the substitute optional work items for the Owner's consideration. The substitute optional work item to be used shall be selected by the Owner. Substitute Optional Bid Item O-1A or Substitute Optional Bid Item O-2A may be substituted for Bid Items 1A, 2A, 3A, 4A, 5A, and 7A. The Bidder shall attach submittal information for each Substitute Optional Bid Item. The submittal information shall include preliminary design drawings showing the dimensions, details of enclosure construction and layout of the sewage lift station, data sheets for the equipment and systems to be provided; pump performance curves; details on cathodic protection system, details on electrical components and equipment control panel; and details on the ancillary equipment. The Bidder shall attach a delivery schedule for each Substitute Optional Bid Item that includes shop drawing development and review, fabrication, and delivery of the sewage lift station.</p>				
O-1A	Remove and replace the existing sewage lift station shown on the drawings with a USEMCO below grade flooded suction pumping station	\$140,000.00	\$175,000.00	\$140,000.00
O-2A	Remove and replace the existing sewage lift station shown on the drawings with a Smith & Loveless below graded flooded suction pumping station	No Bid	No Bid	\$140,000.00

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS
 Contract E145-13-01B
 City of Menasha, Winnebago County, Wisconsin
 March 12, 2013

Item No.	Description	Contractors						DeGroot, Inc.			
		Roger Bowers Cons. Inc.		David Tenor Construction		Donald Hierpas & Sons, Inc.			Carl Bowers & Sons Constr.		
		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost		
1B	1 -each mobilization and demobilization for Contract E145-13-01B, including other general conditions	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$502.00	\$502.00	\$6,464.00	\$6,464.00
2B	1 -each traffic control for duration of the project	\$3,500.00	\$3,500.00	\$8,550.00	\$8,550.00	\$7,575.00	\$7,575.00	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00
3B	2,152 -lineal feet of 8-inch PVC SFM pipeline replacement with granular backfill	\$45.00	\$96,840.00	\$46.50	\$100,068.00	\$44.75	\$96,302.00	\$50.00	\$107,600.00	\$43.62	\$93,870.24
4B	120 -lineal feet of 8-inch PVC SFM pipeline replacement with aggregate slurry backfill	\$180.00	\$21,600.00	\$114.00	\$13,680.00	\$141.80	\$17,016.00	\$130.00	\$15,600.00	\$120.05	\$14,406.00
5B	688 -lineal feet of 8-inch PVC SFM pipeline replacement with engineered backfill	\$34.00	\$23,392.00	\$34.00	\$23,392.00	\$31.87	\$21,926.56	\$50.00	\$34,400.00	\$29.28	\$20,144.64
6B	1 -each connection of 8-inch SFM to existing 6-inch SFM at Sewage Lift Station, including 8-inch x 6-inch reducer and 6-inch solid sleeve	\$900.00	\$900.00	\$1,350.00	\$1,350.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,393.84	\$2,393.84
7B	1 -each 8-inch 1/4 SFM bend	\$250.00	\$250.00	\$380.00	\$380.00	\$300.00	\$300.00	\$300.00	\$300.00	\$615.91	\$615.91
8B	8 -each 8-inch 1/8 SFM bend	\$250.00	\$2,000.00	\$275.00	\$2,200.00	\$300.00	\$2,400.00	\$300.00	\$2,400.00	\$698.62	\$5,588.96
9B	1 -each 8-inch 1/2 SFM bend	\$200.00	\$200.00	\$360.00	\$360.00	\$300.00	\$300.00	\$300.00	\$300.00	\$587.94	\$587.94
10B	4 -each tracer wire access riser	\$250.00	\$1,000.00	\$300.00	\$1,200.00	\$650.00	\$2,600.00	\$250.00	\$1,000.00	\$231.72	\$926.88
11B	448 -square feet of 2-inch frost protection rigid insulation	\$2.00	\$896.00	\$3.00	\$1,344.00	\$2.75	\$1,232.00	\$5.00	\$2,240.00	\$3.03	\$1,357.44
12B	1 -each emergency force main connection including bypass connection riser, three (3) resilient-seated gate valves, fittings, piping, and connection to Manhole No. 855, as shown on Drawing P4	\$7,500.00	\$7,500.00	\$5,700.00	\$5,700.00	\$8,600.00	\$8,600.00	\$1,500.00	\$1,500.00	\$11,547.66	\$11,547.66
13B	1 -each discharge manhole and appurtenances	\$4,247.00	\$4,247.00	\$3,750.00	\$3,750.00	\$5,275.00	\$5,275.00	\$4,000.00	\$4,000.00	\$9,806.87	\$9,806.87
14B	1 -each air release valve manhole and appurtenances, as shown on Drawing P3	\$6,500.00	\$6,500.00	\$7,800.00	\$7,800.00	\$8,300.00	\$8,300.00	\$6,000.00	\$6,000.00	\$8,635.83	\$8,635.83
15B	600 -square feet of concrete pavement restoration	\$6.50	\$3,900.00	\$6.57	\$3,942.00	\$5.75	\$3,450.00	\$6.00	\$3,600.00	\$14.32	\$8,592.00
16B	56 -tons of E-1 19mm bituminous concrete pavement roadway and apron restoration	\$98.85	\$5,535.60	\$90.00	\$5,040.00	\$150.00	\$8,400.00	\$110.00	\$6,160.00	\$156.55	\$8,766.80
17B	25 -tons of E-1 12.5mm bituminous concrete pavement roadway and apron restoration	\$108.47	\$2,711.75	\$100.00	\$2,500.00	\$150.00	\$3,750.00	\$130.00	\$3,250.00	\$156.55	\$3,913.75
18B	1,200 -each square yards of terrace and lawn restoration	\$2.50	\$3,000.00	\$4.32	\$5,184.00	\$4.25	\$5,100.00	\$5.00	\$6,000.00	\$4.55	\$5,460.00
19B	1,092 -square feet of concrete driveway apron restoration	\$4.50	\$4,914.00	\$4.55	\$4,968.60	\$4.25	\$4,641.00	\$4.00	\$4,368.00	\$5.73	\$6,257.16
20B	60 -lineal feet of curb and gutter restoration	\$28.00	\$1,680.00	\$28.30	\$1,698.00	\$36.00	\$2,160.00	\$28.00	\$1,680.00	\$32.32	\$1,939.20
21B	25 -each inlet protection	\$100.00	\$2,500.00	\$40.00	\$1,000.00	\$75.00	\$1,875.00	\$80.00	\$2,000.00	\$25.25	\$631.25
	TOTAL, Items 1B through 21B		\$194,066.35		\$196,106.60		\$203,702.56		\$212,400.00		\$220,906.37

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS
 Contract E145-13-01B
 City of Menasha, Winnebago County, Wisconsin
 March 12, 2013

Item No.	Description	Contractors											
		VanStraten Constr. Co. Inc.			PTS Contractors, Inc.			Feaker & Sons Co., Inc.			Dorner Inc.		
		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1B	1 -each mobilization and demobilization for Contract E145-13-01B, including other general conditions	\$12,000.00	\$12,000.00	\$7,980.00	\$7,980.00	\$6,960.00	\$6,960.00	\$12,500.00	\$12,500.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
2B	1 -each traffic control for duration of the project	\$7,000.00	\$7,000.00	\$8,650.00	\$8,650.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$9,500.00	\$9,500.00
3B	2,152 -lineal feet of 8-inch PVC SFM pipeline replacement with granular backfill	\$49.00	\$105,448.00	\$58.00	\$124,816.00	\$56.00	\$120,512.00	\$75.00	\$161,400.00	\$75.00	\$161,400.00	\$75.00	\$161,400.00
4B	120 -lineal feet of 8-inch PVC SFM pipeline replacement with aggregate slurry backfill	\$55.00	\$6,600.00	\$114.15	\$13,698.00	\$100.00	\$12,000.00	\$210.00	\$25,200.00	\$125.00	\$15,000.00	\$125.00	\$15,000.00
5B	688 -lineal feet of 8-inch PVC SFM pipeline replacement with engineered backfill	\$40.00	\$27,520.00	\$34.70	\$23,873.60	\$36.00	\$24,768.00	\$40.00	\$27,520.00	\$70.00	\$48,160.00	\$70.00	\$48,160.00
6B	1 -each connection of 8-inch SFM to existing 6-inch SFM at Sewage Lift Station, including 8-inch x 6-inch reducer and 6-inch solid sleeve	\$4,900.00	\$4,900.00	\$1,470.00	\$1,470.00	\$3,300.00	\$3,300.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$500.00	\$500.00
7B	1 -each 8-inch 1/4 SFM bend	\$500.00	\$500.00	\$295.00	\$295.00	\$290.00	\$290.00	\$250.00	\$250.00	\$700.00	\$700.00	\$700.00	\$700.00
8B	8 -each 8-inch 1/8 SFM bend	\$500.00	\$4,000.00	\$277.00	\$2,216.00	\$270.00	\$2,160.00	\$230.00	\$1,840.00	\$600.00	\$4,800.00	\$600.00	\$4,800.00
9B	1 -each 8-inch 1/2 SFM bend	\$400.00	\$400.00	\$268.00	\$268.00	\$260.00	\$260.00	\$225.00	\$225.00	\$500.00	\$500.00	\$500.00	\$500.00
10B	4 -each tracer wire access riser	\$500.00	\$2,000.00	\$395.00	\$1,580.00	\$325.00	\$1,300.00	\$225.00	\$900.00	\$200.00	\$800.00	\$200.00	\$800.00
11B	448 -square feet of 2-inch frost protection rigid insulation	\$2.00	\$896.00	\$2.40	\$1,075.20	\$3.00	\$1,344.00	\$3.75	\$1,680.00	\$4.00	\$1,792.00	\$4.00	\$1,792.00
12B	1 -each emergency force main connection including bypass connection riser, three (3) resilient-seated gate valves, fittings, piping, and connection to Manhole No. 855, as shown on Drawing P4	\$8,000.00	\$8,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00	\$9,700.00	\$9,700.00	\$9,700.00	\$9,700.00
13B	1 -each discharge manhole and appurtenances	\$8,750.00	\$8,750.00	\$6,050.00	\$6,050.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
14B	1 -each air release valve manhole and appurtenances, as shown on Drawing P5	\$11,000.00	\$11,000.00	\$10,600.00	\$10,600.00	\$11,000.00	\$11,000.00	\$13,000.00	\$13,000.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
15B	600 -square feet of concrete pavement restoration	\$14.00	\$8,400.00	\$7.30	\$4,380.00	\$8.00	\$4,800.00	\$18.00	\$10,800.00	\$20.00	\$12,000.00	\$20.00	\$12,000.00
16B	56 -tons of E-1 19mm bituminous concrete pavement roadway and apron restoration	\$100.00	\$5,600.00	\$103.00	\$5,768.00	\$153.00	\$8,568.00	\$115.00	\$6,440.00	\$70.00	\$3,920.00	\$70.00	\$3,920.00
17B	25 -tons of E-1 12.5mm bituminous concrete pavement roadway and apron restoration	\$110.00	\$2,750.00	\$109.00	\$2,725.00	\$153.00	\$3,825.00	\$125.00	\$3,125.00	\$70.00	\$1,750.00	\$70.00	\$1,750.00
18B	1,200 -each square yards of terrace and lawn restoration	\$5.00	\$6,000.00	\$5.40	\$6,480.00	\$7.15	\$8,580.00	\$7.50	\$9,000.00	\$4.50	\$5,400.00	\$4.50	\$5,400.00
19B	1,092 -square feet of concrete driveway apron restoration	\$5.50	\$6,006.00	\$5.20	\$5,678.40	\$6.00	\$6,552.00	\$10.00	\$10,920.00	\$6.00	\$6,552.00	\$6.00	\$6,552.00
20B	60 -lineal feet of curb and gutter restoration	\$60.00	\$3,600.00	\$42.00	\$2,520.00	\$33.00	\$1,980.00	\$50.00	\$3,000.00	\$25.00	\$1,500.00	\$25.00	\$1,500.00
21B	25 -each inlet protection	\$50.00	\$1,250.00	\$76.00	\$1,900.00	\$40.00	\$1,000.00	\$75.00	\$1,875.00	\$75.00	\$1,875.00	\$75.00	\$1,875.00
TOTAL, Items 1B through 21B			\$232,620.00	\$241,523.20	\$246,699.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00

Kaempfer & Associates, Inc.

Consulting Engineers

650 East Jackson St. P.O. Box 150
Oconto Falls, Wisconsin 54154
(920) 846-3932 Fax (920) 846-8319

March 14, 2013

E145-08.06

Mr. Mark Radtke, P.E., Director of Public Works
City of Menasha
140 Main Street
Menasha, WI 54952-3190

Re: Ninth Street Sewage Lift Station Improvements
Bid Award Recommendation

Dear Mr. Radtke:

On Tuesday, March 12, 2013 at 2:00 p.m., bids for the Ninth Street Sewage Lift Station Improvements, Contract E145-13-01A for Sewage Lift Station Modifications and Contract E145-13-01B for Sewage Force Main Replacement were opened and read. A total of eleven (11) bids were received from ten (10) Contractors. Two (2) bids were received for Contract E145-13-01A and nine (9) bids were received for Contract E145-13-01B. All of the Contractors who received plans and specifications and were prequalified by the City submitted a bid.

The two (2) bids received for Contract E145-13-01A, Sewage Lift Station Modifications, were as follows:

<u>Contractor</u>	<u>Total Bid</u>
PTS Contractors, Inc.	\$298,875.00
Advance Construction, Inc.	\$325,010.00

The proposal schedule for Contract E145-13-01A did not contain any optional work items. The proposal schedule for Contract E145-13-01A contained two substitute optional work items. Substitute Optional Bid Item O-1A is for removing and replacing the existing sewage lift station shown on the drawings with a USEMCO below grade flooded suction pumping station. Bid Items 1A, 2A, 3A, 4A, 5A, and 7A would be eliminated if Substitute Optional Bid Item O-1A is selected. Substitute Optional Bid Item O-1A would decrease the contract amount of the low bidder for Sewage Lift Station Modifications by \$22,275.00. We recommend that Substitute Optional Bid Item O-1A be included in the Sewage Lift Station Modifications contract.

Substitute Optional Bid Item O-2A is for removing and replacing the existing sewage lift station shown on the drawings with a Smith & Loveless below grade flooded suction pumping station. Smith & Loveless was unable to provide a quotation and supporting information to the Contractors for Substitute Optional Bid Item O-2A. As a result, the Contractors did not provide a bid for Substitute Optional Bid Item O-2A.

No Contractors offered proposed alternatives for the Sewage Lift Station Modifications contract.

The nine (9) bids received for Contract E145-13-01B, Sewage Force Main Replacement, were as follows:

<u>Contractor</u>	<u>Total Bid</u>
Roger Bowers Construction, Inc.	\$194,066.35
David Tenor Corporation	\$196,106.60
Donald Hietpas & Sons, Inc.	\$203,702.56
Carl Bowers & Sons Construction Co., Inc.	\$212,400.00
DeGroot, Inc.	\$220,906.37
VanStraten Construction Co., Inc.	\$232,620.00
PTS Contractors, Inc.	\$241,523.20
Feaker & Sons Co., Inc.	\$246,699.00
Dorner Inc.	\$327,175.00

The proposal schedule for Contract E145-13-01B did not contain any optional work items or substitute optional work items. No Contractors offered proposed alternatives for the Sewage Force Main Replacement contract.

One (1) combined bid was received for Contracts E145-13-01A and E145-13-01B. The low combined bid of \$540,398.20 from PTS Contractors, Inc. was \$47,456.85 higher than the sum of the low bids from PTS Contractors, Inc. for Contract E145-13-01A and Roger Bowers Construction, Inc. for Contract E145-13-01B. The combined bid will not affect the low bidders for Contracts E145-13-01A and E145-13-01B. We recommend that the combined bid not be considered.

A copy of the bid tabulation, which includes details of the unit price work items, is attached for your information. The bid tabulation reflects the amounts after all corrections have been made. Two (2) addenda were issued during the bidding process. All of the Contractors acknowledged receipt of Addendum No. 1 and Addendum No. 2. All bidders whose proposals were received were prequalified by the City of Menasha.

The Engineer's estimate for the project, based on the final design, was:

Contract E145-13-01A, Sewage Lift Station Modifications	\$170,200.00
Contract E145-13-01B, Sewage Force Main Replacement	<u>\$320,849.00</u>
TOTAL	<u>\$491,049.00</u>

The sum of the low bids was one percent (1%) higher than the Engineer's estimate. We are of the opinion that bidding on the project was very competitive due to the closeness of the bids and the number of bidders.

All proposals were signed and notarized and were submitted with a bid bond for five percent (5%) of the bid amount. The following irregularities were found when the bids were reviewed:

March 14, 2013

Mr. Mark Radtke, P.E., Director of Public Works

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1. PTS Contractors, Inc. did not provide complete addresses for Proposed Subcontractors for Contract E145-13-01A. PTS Contractors, Inc. provided names of more than one manufacturer and supplier on the Proposed Equipment and Material List for Contract E145-13-01B. PTS Contractors, Inc. failed to provide complete addresses for Proposed Subcontractors for Contract E145-13-01B. PTS Contractors, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form.
2. Advance Construction, Inc. provided a total bid for Contract E145-13-01A written in figures for Bid Items 1A through 8A as \$325,010.00. The total of Bid Items 1A through 8A did not equal the amount listed for their bid. The total cost for Bid Item 8A has been adjusted for the math error. The total cost for Bid Item 8A is \$50,500.00. Advance Construction, Inc. provided a total cost for Substitute Optional Bid Item O-1A written in words as "one hundred seventy nine thousand + 00/100" and written in figures as \$175,000.00. Advance Construction, Inc. failed to provide complete addresses for Proposed Subcontractors. Advance Construction, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Advance Construction, Inc. did not provide typed name for the signature block on the Bid Bond.
3. Roger Bowers Construction, Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Roger Bowers Construction, Inc. did not provide name or address for the Terrace and Lawn Restoration Subcontractor. Roger Bowers Construction, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Roger Bowers Construction, Inc. did not provide typed name or title for the signature block on the Bid Bond. The bonding company did not provide a city and state for the Attorney-in-Fact on the Bid Bond for Roger Bowers Construction, Inc.
4. David Tenor Corporation did not have a correct total cost due to an addition/math error. The total cost for Contract E145-13-01B was listed as \$196,124.60. The correct total cost for Contract E145-13-01B is \$196,106.60. David Tenor Corporation provided names of more than one manufacturer on the Proposed Equipment and Material List. David Tenor Corporation failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. David Tenor Corporation did not provide typed name or title for the signature block on the Bid Bond.
5. Donald Hietpas & Sons, Inc. did not have a correct total cost for Bid Item 20B due to a multiplication error. The total cost for Bid Item 20B was listed as \$5,100.00. The correct total cost for Bid Item 20B is \$4,641.00. This error did not affect the total bid amount. Donald Hietpas & Sons, Inc. provided names of more than one manufacturer and supplier on the Proposed Equipment and Material List. Donald Hietpas & Sons, Inc. failed to properly complete the Disadvantaged Business Enterprise Program (DBE) Subcontractor Utilization Form. Donald Hietpas & Sons, Inc. did not provide typed name for the signature block on the Bid Bond.

March 14, 2013

Mr. Mark Radtke, P.E., Director of Public Works

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6. Carl Bowers & Sons Construction Co., Inc. did not have a correct total cost for Bid Item 11B due to a multiplication error. The total cost for Bid Item 11B was listed as \$2,440.00. The correct total cost for Bid Item 11B is \$2,240.00. The total cost for Contract E145-13-01B was incorrect due to this error. The correct total cost for Contract E145-13-01B is \$212,400.00. Carl Bowers & Sons Construction Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Carl Bowers & Sons Construction Co., Inc. failed to provide addresses for Proposed Subcontractors. Carl Bowers & Sons Construction Co., Inc. did not provide typed name for the signature block on the Bid Bond.
7. DeGroot, Inc. provided a total sum written in words as "Two hundred twenty thousand nine hundred Six + 37/100" and written in figures as \$228,571.37 for Contract E145-13-01B. The total cost for Bid Items 1B through 21B is \$220,906.37. The correct total cost for Contract E145-13-01B is \$220,906.37. DeGroot, Inc. failed to provide addresses for Proposed Subcontractors. DeGroot, Inc. did not provide a name or address for the Terrace and Lawn Restoration Subcontractor. DeGroot, Inc. did not provide a typed name or title for the signature block on the Bid Bond.
8. VanStraten Construction Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. VanStraten Construction Co., Inc. failed to provide name or address for the Terrace and Lawn Restoration Subcontractor.
9. Feaker & Sons Co., Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Feaker & Sons Co., Inc. failed to provide complete addresses for Proposed Subcontractors.
10. Dorner Inc. provided names of more than one manufacturer on the Proposed Equipment and Material List. Dorner Inc. did not provide a typed name for the signature block on the Bid Bond.

We are of the opinion that the irregularities are not significant and should be waived.

Based on our review of the bids, we recommend that Contract E145-13-01A, Sewage Lift Station Modifications, be awarded to PTS Contractors, Inc. of Green Bay, Wisconsin for the amount of \$276,600.00. The contract amount will include replacing Bid Items 1A, 2A, 3A, 4A, 5A, and 7A with Substitute Optional Bid Item O-1A.

Base Bid	\$298,875.00
Delete Bid Item 1A	(\$ 2,075.00)
Delete Bid Item 2A	(\$ 30,600.00)
Delete Bid Item 3A	(\$ 7,100.00)
Delete Bid Item 4A	(\$105,500.00)
Delete Bid Item 5A	(\$ 6,000.00)
Delete Bid Item 7A	(\$ 11,000.00)
Add Substitute Optional Bid Item O-1A	<u>\$140,000.00</u>
TOTAL	<u>\$276,600.00</u>

March 14, 2013
Mr. Mark Radtke, P.E., Director of Public Works
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Based on our review of the bids, we recommend that Contract E145-13-01B, Sewage Force Main Replacement, be awarded to Roger Bowers Construction, Inc. of Kaukauna, Wisconsin for the amount of \$194,066.35.

The total of both contracts to be awarded is \$470,666.35. Please contact Jeff Wolford or me if you have any questions or need additional information.

Sincerely,

KAEMPFER & ASSOCIATES, INC.



Taryn S. Nall, P.E.

TSN:jlb

Enc: Bid Tabulation

Bid Tabulation
 Ninth Street Sewage Lift Station Improvements
 Contract No. E145-13-01
 City of Menasha

Bid Date: March 12, 2013
 Engineer: Kaempfer & Associates, Inc.
 Page 1 of 1

Contractor	E145-13-01A Sewage Lift Station Modifications	E145-13-01B Sewage Force Main Replacement	Combined Bid	Bid Bond
PTS Contractors, Inc.	\$298,875.00	\$241,523.20	\$540,398.20	5%
Advance Construction, Inc.	\$325,010.00	--	--	5%
Roger Bowers Construction, Inc.	--	\$194,066.35	--	5%
David Tenor Corporation	--	\$196,106.60	--	5%
Donald Hietpas & Sons, Inc.	--	\$203,702.56	--	5%
Carl Bowers & Sons Construction Co., Inc.	--	\$212,400.00	--	5%
DeGroot, Inc.	--	\$220,906.37	--	5%
VanStraten Construction Co., Inc.	--	\$232,620.00	--	5%
Feaker & Sons Co., Inc.	--	\$246,699.00	--	5%
Dorner Inc.	--	\$327,175.00	--	5%
Engineer's Estimate	\$170,200.00	\$320,849.00		

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS

Contract E145-13-01A

City of Menasha, Winnebago County, Wisconsin

March 12, 2013

Item No.	Description	Contractors		Engineer's Estimate Total Cost
		PTS Contractors, Inc. Total Cost	Advance Construction Inc. Total Cost	
1A	Provide sewage lift station stair modifications	\$2,075.00	\$2,660.00	\$3,200.00
2A	Remove equipment, prepare surfaces, and paint interior and exterior exposed steel surfaces	\$30,600.00	\$39,200.00	\$37,000.00
3A	Provide Type "B" premium efficiency inverter duty motors	\$7,100.00	\$14,000.00	\$6,000.00
4A	Provide raw sewage pump variable frequency drive, primary and secondary control systems, electrical and control panel, and electrical and control work	\$105,500.00	\$95,000.00	\$45,000.00
5A	Provide pump suction elbows and sewage lift station ancillary systems, as specified in Article C11.04	\$6,000.00	\$16,100.00	\$18,500.00
6A	Provide 6-inch diameter ductile iron raw sewage suction pipelines	\$81,100.00	\$100,000.00	\$22,500.00
7A	Provide cathodic protection system	\$11,000.00	\$7,550.00	\$10,000.00
8A	Provide all other work for modification of the Ninth Street Sewage Lift Station	\$55,500.00	\$50,500.00	\$28,000.00
TOTAL, Items 1A through 8A		\$298,875.00	\$325,010.00	\$170,200.00
SUBSTITUTE OPTIONAL WORK ITEMS				
<p>The bidder shall provide a price for the substitute optional work items for the Owner's consideration. The substitute optional work item to be used shall be selected by the Owner. Substitute Optional Bid Item O-1A or Substitute Optional Bid Item O-2A may be substituted for Bid Items 1A, 2A, 3A, 4A, 5A, and 7A. The Bidder shall attach submittal information for each Substitute Optional Bid Item. The submittal information shall include preliminary design drawings showing the dimensions, details of enclosure construction and layout of the sewage lift station, data sheets for the equipment and systems to be provided; pump performance curves; details on cathodic protection system, details on electrical components and equipment control panel; and details on the ancillary equipment. The Bidder shall attach a delivery schedule for each Substitute Optional Bid Item that includes shop drawing development and review, fabrication, and delivery of the sewage lift station.</p>				
O-1A	Remove and replace the existing sewage lift station shown on the drawings with a USEMCO below grade flooded suction pumping station	\$140,000.00	\$175,000.00	\$140,000.00
O-2A	Remove and replace the existing sewage lift station shown on the drawings with a Smith & Loveless below graded flooded suction pumping station	No Bid	No Bid	\$140,000.00

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS
 Contract E145-13-01B
 City of Menasha, Winnebago County, Wisconsin
 March 12, 2013

Item No.	Description	Contractors						DeGroot, Inc.			
		Roger Bowers Cons. Inc.		David Tenor Construction		Donald Hierpas & Sons, Inc.			Carl Bowers & Sons Constr.		
		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost		
1B	1 -each mobilization and demobilization for Contract E145-13-01B, including other general conditions	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$502.00	\$502.00	\$6,464.00	\$6,464.00
2B	1 -each traffic control for duration of the project	\$3,500.00	\$3,500.00	\$8,550.00	\$8,550.00	\$7,575.00	\$7,575.00	\$8,000.00	\$8,000.00	\$9,000.00	\$9,000.00
3B	2,152 -lineal feet of 8-inch PVC SFM pipeline replacement with granular backfill	\$45.00	\$96,840.00	\$46.50	\$100,068.00	\$44.75	\$96,302.00	\$50.00	\$107,600.00	\$43.62	\$93,870.24
4B	120 -lineal feet of 8-inch PVC SFM pipeline replacement with aggregate slurry backfill	\$180.00	\$21,600.00	\$114.00	\$13,680.00	\$141.80	\$17,016.00	\$130.00	\$15,600.00	\$120.05	\$14,406.00
5B	688 -lineal feet of 8-inch PVC SFM pipeline replacement with engineered backfill	\$34.00	\$23,392.00	\$34.00	\$23,392.00	\$31.87	\$21,926.56	\$50.00	\$34,400.00	\$29.28	\$20,144.64
6B	1 -each connection of 8-inch SFM to existing 6-inch SFM at Sewage Lift Station, including 8-inch x 6-inch reducer and 6-inch solid sleeve	\$900.00	\$900.00	\$1,350.00	\$1,350.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,393.84	\$2,393.84
7B	1 -each 8-inch 1/4 SFM bend	\$250.00	\$250.00	\$380.00	\$380.00	\$300.00	\$300.00	\$300.00	\$300.00	\$615.91	\$615.91
8B	8 -each 8-inch 1/8 SFM bend	\$250.00	\$2,000.00	\$275.00	\$2,200.00	\$300.00	\$2,400.00	\$300.00	\$2,400.00	\$698.62	\$5,588.96
9B	1 -each 8-inch 1/2 SFM bend	\$200.00	\$200.00	\$360.00	\$360.00	\$300.00	\$300.00	\$300.00	\$300.00	\$587.94	\$587.94
10B	4 -each tracer wire access riser	\$250.00	\$1,000.00	\$300.00	\$1,200.00	\$650.00	\$2,600.00	\$250.00	\$1,000.00	\$231.72	\$926.88
11B	448 -square feet of 2-inch frost protection rigid insulation	\$2.00	\$896.00	\$3.00	\$1,344.00	\$2.75	\$1,232.00	\$5.00	\$2,240.00	\$3.03	\$1,357.44
12B	1 -each emergency force main connection including bypass connection riser, three (3) resilient-seated gate valves, fittings, piping, and connection to Manhole No. 855, as shown on Drawing P4	\$7,500.00	\$7,500.00	\$5,700.00	\$5,700.00	\$8,600.00	\$8,600.00	\$1,500.00	\$1,500.00	\$11,547.66	\$11,547.66
13B	1 -each discharge manhole and appurtenances	\$4,247.00	\$4,247.00	\$3,750.00	\$3,750.00	\$5,275.00	\$5,275.00	\$4,000.00	\$4,000.00	\$9,806.87	\$9,806.87
14B	1 -each air release valve manhole and appurtenances, as shown on Drawing P3	\$6,500.00	\$6,500.00	\$7,800.00	\$7,800.00	\$8,300.00	\$8,300.00	\$6,000.00	\$6,000.00	\$8,635.83	\$8,635.83
15B	600 -square feet of concrete pavement restoration	\$6.50	\$3,900.00	\$6.57	\$3,942.00	\$5.75	\$3,450.00	\$6.00	\$3,600.00	\$14.32	\$8,592.00
16B	56 -tons of E-1 19mm bituminous concrete pavement roadway and apron restoration	\$98.85	\$5,555.60	\$90.00	\$5,040.00	\$150.00	\$8,400.00	\$110.00	\$6,160.00	\$156.55	\$8,766.80
17B	25 -tons of E-1 12.5mm bituminous concrete pavement roadway and apron restoration	\$108.47	\$2,711.75	\$100.00	\$2,500.00	\$150.00	\$3,750.00	\$130.00	\$3,250.00	\$156.55	\$3,913.75
18B	1,200 -each square yards of terrace and lawn restoration	\$2.50	\$3,000.00	\$4.32	\$5,184.00	\$4.25	\$5,100.00	\$5.00	\$6,000.00	\$4.55	\$5,460.00
19B	1,092 -square feet of concrete driveway apron restoration	\$4.50	\$4,914.00	\$4.55	\$4,968.60	\$4.25	\$4,641.00	\$4.00	\$4,368.00	\$5.73	\$6,257.16
20B	60 -lineal feet of curb and gutter restoration	\$28.00	\$1,680.00	\$28.30	\$1,698.00	\$36.00	\$2,160.00	\$28.00	\$1,680.00	\$32.32	\$1,939.20
21B	25 -each inlet protection	\$100.00	\$2,500.00	\$40.00	\$1,000.00	\$75.00	\$1,875.00	\$80.00	\$2,000.00	\$25.25	\$631.25
TOTAL, Items 1B through 21B			\$194,066.35		\$196,106.60		\$203,702.56		\$212,400.00		\$220,906.37

NINTH STREET SEWAGE LIFT STATION IMPROVEMENTS
 Contract E145-13-01B
 City of Menasha, Winnebago County, Wisconsin
 March 12, 2013

Item No.	Description	Contractors											
		VanStraten Constr. Co. Inc.			PTS Contractors, Inc.			Feaker & Sons Co., Inc.			Dorner Inc.		
		Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1B	1 -each mobilization and demobilization for Contract E145-13-01B, including other general conditions	\$12,000.00	\$12,000.00	\$7,980.00	\$7,980.00	\$6,960.00	\$6,960.00	\$12,500.00	\$12,500.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00
2B	1 -each traffic control for duration of the project	\$7,000.00	\$7,000.00	\$8,650.00	\$8,650.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$9,500.00	\$9,500.00	\$9,500.00	\$9,500.00
3B	2,152 -lineal feet of 8-inch PVC SFM pipeline replacement with granular backfill	\$49.00	\$105,448.00	\$58.00	\$124,816.00	\$56.00	\$120,512.00	\$75.00	\$161,400.00	\$75.00	\$161,400.00	\$75.00	\$161,400.00
4B	120 -lineal feet of 8-inch PVC SFM pipeline replacement with aggregate slurry backfill	\$55.00	\$6,600.00	\$114.15	\$13,698.00	\$100.00	\$12,000.00	\$210.00	\$25,200.00	\$125.00	\$15,000.00	\$125.00	\$15,000.00
5B	688 -lineal feet of 8-inch PVC SFM pipeline replacement with engineered backfill	\$40.00	\$27,520.00	\$34.70	\$23,873.60	\$36.00	\$24,768.00	\$40.00	\$27,520.00	\$70.00	\$48,160.00	\$70.00	\$48,160.00
6B	1 -each connection of 8-inch SFM to existing 6-inch SFM at Sewage Lift Station, including 8-inch x 6-inch reducer and 6-inch solid sleeve	\$4,900.00	\$4,900.00	\$1,470.00	\$1,470.00	\$3,300.00	\$3,300.00	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$500.00	\$500.00
7B	1 -each 8-inch 1/4 SFM bend	\$500.00	\$500.00	\$295.00	\$295.00	\$290.00	\$290.00	\$250.00	\$250.00	\$700.00	\$700.00	\$700.00	\$700.00
8B	8 -each 8-inch 1/8 SFM bend	\$500.00	\$4,000.00	\$277.00	\$2,216.00	\$270.00	\$2,160.00	\$230.00	\$1,840.00	\$600.00	\$4,800.00	\$600.00	\$4,800.00
9B	1 -each 8-inch 1/2 SFM bend	\$400.00	\$400.00	\$268.00	\$268.00	\$260.00	\$260.00	\$225.00	\$225.00	\$500.00	\$500.00	\$500.00	\$500.00
10B	4 -each tracer wire access riser	\$500.00	\$2,000.00	\$395.00	\$1,580.00	\$325.00	\$1,300.00	\$225.00	\$900.00	\$200.00	\$800.00	\$200.00	\$800.00
11B	448 -square feet of 2-inch frost protection rigid insulation	\$2.00	\$896.00	\$2.40	\$1,075.20	\$3.00	\$1,344.00	\$3.75	\$1,680.00	\$4.00	\$1,792.00	\$4.00	\$1,792.00
12B	1 -each emergency force main connection including bypass connection riser, three (3) resilient-seated gate valves, fittings, piping, and connection to Manhole No. 855, as shown on Drawing P4	\$8,000.00	\$8,000.00	\$9,500.00	\$9,500.00	\$10,000.00	\$10,000.00	\$12,500.00	\$12,500.00	\$9,700.00	\$9,700.00	\$9,700.00	\$9,700.00
13B	1 -each discharge manhole and appurtenances	\$8,750.00	\$8,750.00	\$6,050.00	\$6,050.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00
14B	1 -each air release valve manhole and appurtenances, as shown on Drawing P5	\$11,000.00	\$11,000.00	\$10,600.00	\$10,600.00	\$11,000.00	\$11,000.00	\$13,000.00	\$13,000.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00
15B	600 -square feet of concrete pavement restoration	\$14.00	\$8,400.00	\$7.30	\$4,380.00	\$8.00	\$4,800.00	\$18.00	\$10,800.00	\$20.00	\$12,000.00	\$20.00	\$12,000.00
16B	56 -tons of E-1 19mm bituminous concrete pavement roadway and apron restoration	\$100.00	\$5,600.00	\$103.00	\$5,768.00	\$153.00	\$8,568.00	\$115.00	\$6,440.00	\$70.00	\$3,920.00	\$70.00	\$3,920.00
17B	25 -tons of E-1 12.5mm bituminous concrete pavement roadway and apron restoration	\$110.00	\$2,750.00	\$109.00	\$2,725.00	\$153.00	\$3,825.00	\$125.00	\$3,125.00	\$70.00	\$1,750.00	\$70.00	\$1,750.00
18B	1,200 -each square yards of terrace and lawn restoration	\$5.00	\$6,000.00	\$5.40	\$6,480.00	\$7.15	\$8,580.00	\$7.50	\$9,000.00	\$4.50	\$5,400.00	\$4.50	\$5,400.00
19B	1,092 -square feet of concrete driveway apron restoration	\$5.50	\$6,006.00	\$5.20	\$5,678.40	\$6.00	\$6,552.00	\$10.00	\$10,920.00	\$6.00	\$6,552.00	\$6.00	\$6,552.00
20B	60 -lineal feet of curb and gutter restoration	\$60.00	\$3,600.00	\$42.00	\$2,520.00	\$33.00	\$1,980.00	\$50.00	\$3,000.00	\$25.00	\$1,500.00	\$25.00	\$1,500.00
21B	25 -each inlet protection	\$50.00	\$1,250.00	\$76.00	\$1,900.00	\$40.00	\$1,000.00	\$75.00	\$1,875.00	\$75.00	\$1,875.00	\$75.00	\$1,875.00
TOTAL, Items 1B through 21B			\$232,620.00	\$241,523.20	\$246,699.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00	\$327,175.00