



# CITY OF CLEAR LAKE

15 North 6th Street • P.O. Box 185 • Clear Lake, IA 50428  
Phone: 641-357-5267 • Fax: 641-357-8711  
www.cityofclearlake.com

Mayor  
NELSON P.  
CRABB

July 1, 2016

HONORABLE MAYOR & CITY COUNCIL MEMBERS

City  
Administrator  
SCOTT  
FLORY

The next regular meeting of the Clear Lake City Council is scheduled for Tuesday, July 5, 2016, at 6:30 p.m., in the Council Chambers, at City Hall. Please refer to the attached agenda for the items discussed below.

## COUNCIL MEMBERS

MARK  
EBELING  
Ward 1

ITEM #6B. **12<sup>th</sup> Ave S. Bridge Project.** Back at the August 17, 2015 City Council meeting, the City approved an award of contract to Peterson Contractors, Reinbeck, Iowa, for the Project. The original contract amount was \$415,609.58. That was later revised by two change orders. Change order #1 eliminated 350 square yards of full-depth PCC patching at a cost of \$42,000. Change order #2 was also a deduct of \$3,450 for installation of a single-wall sub-drain abutment tile, in lieu of a double-wall tile. This resulted in a revised construction contract of \$369,959.56.

TONY J.  
NELSON  
Ward 2

On June 30, 2016, the project engineer filed the Certificate of Completion with the city Clerk, indicating that all work has been completed in compliance with the Project plans, specifications, and contract documents previously approved by the Council. The Project completion date was May 31, 2016.

JIM  
BOEHNKE  
Ward 3

MIKE  
CALLANAN  
At Large

ITEM #6C. **2016 Sanitary & Storm Sewer Rehabilitation Project.** At its regular meeting on May 2<sup>nd</sup>, the Council awarded the professional services agreement for the project to WHKS in the amount of \$21,600. The scope of services includes design, 40 hours of construction administration services, and 100 hours of resident review services.

GARY  
HUGI  
At Large

On June 6<sup>th</sup>, the consultant reviewed the proposed plans & specifications with the Council. At that time, the Council set the date for a project bid letting (6/29/16 at 11am) and for a public hearing on the plans & specifications and award of contract (July 5<sup>th</sup> at 6:30 pm). Notice of hearing and letting was published in the newspaper on June 22<sup>nd</sup>.

The City allocated \$30,000 in FY16 for professional consulting services and \$500,000 for construction in the FY17 budget. The project construction budget was evenly divided between storm sewer and sanitary sewer at \$250,000 each.

The scope of the Project generally entails 24 segments of sanitary sewer main; the majority of which is 8" diameter piping, consisting of 6,200 lineal feet. Likewise, 8 segments of 22" diameter storm sewer piping, which equates to roughly 2,200 lineal feet. Lastly, there are 9 storm sewer and 33 sanitary sewer manholes to be rehabilitated.



The bid letting was held on June 29<sup>th</sup>, at 11:00 a.m. There were a total of five (5) bids received. The engineer's opinion of the probable cost of construction was \$462,369 for Schedule "A" and \$573,435 for Schedule "B". Schedule "A" did not include all the proposed project segments in case the project budget wouldn't accommodate the entire wish list of segments to be rehabbed. The lowest responsive responsible bid was submitted by Visu-Sewer Inc., Pewaukee, WI, in the amount of \$330,005.30 for Schedule "A" and \$408,831.80 for Schedule "B".

Visu-Sewer has completed several like projects for the City. Most recently, they completed the 2015 Sewer Rehabilitation Project. The Project completion date is April, 2017.

ITEM #6D. **SE Area Wastewater Collection Facility Plan**. At its September 21, 2015 meeting, the Council approved a professional services agreement with Veenstra & Kimm to prepare a "Southeast Area Wastewater Collection System Facility Plan". The cost of the agreement is \$23,600. The completion date was set as June 30, 2016.

The Facility Plan was prepared to analyze capacity issues and other concerns related to that portion of the sanitary sewer collection system that discharges into lift station #8 (12<sup>th</sup> Ave S.). The Plan also was to analyze the "future" service area of lift station #8 and include recommendations for sanitary sewer trunk lines to facilitate or accommodate future new development in the SE portion of the City, including expansion potential of the "Luker Memorial Industrial Park".

**Smart Quote:** "*Strength does not come from physical capacity, it comes from indomitable will.*" – Mahatma Gandhi, social reformer

Scott Flory  
City Administrator

PUBLIC NOTICE IS HEREBY GIVEN that the following governmental body will meet at the date, time, and place herein set out. The tentative agenda for said meeting is as follows:

TENTATIVE AGENDA  
CLEAR LAKE CITY COUNCIL  
CITY HALL – 15 N. 6<sup>TH</sup> STREET  
TUESDAY, JULY 5, 2016  
**6:30 P.M.**

1. Call to Order and Pledge of Allegiance led by Mayor Nelson P. Crabb.
2. Approval of Agenda.
3. Consent Agenda:
  - A. Minutes – June 20, 2016.
  - B. Approval of the bills & claims.
  - C. Licenses & Permits:
    - **Liquor License**: Class C Liquor License (LC) (Commercial), Half Moon Inn, (renewal).
    - **Tree Trimmer's License**: Miller Tree & Landscape, (renewal).
4. Citizens opportunity to address the Council on items not on the agenda:
  - In conformance with the City Council's Rules of Procedure, no action can occur on items presented during the Citizens forum.
  - Please walk to the lectern, state your name (spell last name), address, and subject of your discussion.
  - Speakers are limited to a maximum of five (5) minutes per person.
5. Unfinished Business:
6. New Business:
  - A. Veterans Memorial Golf Club Stormwater Quality and Parking Improvement Project:
    - Introduction by Scott Flory, City Administrator.
    - Review of professional services agreement proposal, Mike Danburg, P.E., SEH Yaggy.
    - **Motion** to approve professional services agreement by City Council.
    - Discussion and consideration of **Motion** by City Council.

B. 12<sup>th</sup> Avenue S. Bridge Improvement Project:

- Review of Pay Estimate #3 (final), Mike Danburg, P.E., SEH Yaggy.
- **Motion** to approve Pay Estimate #3 (final) by City Council.
- Discussion and consideration of **Motion** by City Council.
- **Motion** to approve **Resolution #16-22**, A “Resolution accepting the work” by City Council.
- Discussion and consideration of **Motion** by City Council.

C. 2016 Sanitary & Storm Sewer Rehabilitation Project:

- Introduction by Scott Flory, City Administrator.
- Review of bid tabulation and recommendation concerning award of construction contract, Chase Holien, P.E., WHKS.
- Open Public Hearing by Mayor Crabb.
- **Motion** to close public hearing by City Council.
- **Motion** to approve **Resolution #16-23**, A “Resolution adopting plans, specifications, form of contract, and estimate of cost for the 2016 Sanitary & Storm Sewer Rehabilitation Project” by City Council.
- Discussion and consideration of **Motion** by City Council.
- **Motion** to approve **Resolution #16-24**, A “Resolution making an award of Contract” by City Council.

D. SE Area Wastewater Collection System Facility Plan:

- Introduction by Scott Flory, City Administrator.
- Review of draft report, Jason Petersburg, P.E., Veenstra & Kimm.
- Discussion by City Council.

7. Chief of Police’s Report:

- Update on Police Captain selection process – offer of employment.

8. Mayor’s Report:

9. Public Works Director’s Report:

- Construction update on the 2016 Street Resurfacing Project.
- Pre-Construction Conference: Sunset Ridge Addition (6/30/16)

10. City Administrator’s Report:

11. Other Business:

**12. Adjournment.**

**NEXT REGULAR MEETING -- JULY 18, 2016**

**This notice is given pursuant to Chapter 21.4(1) of the Code of Iowa and the local rules of said governmental body.**



## Agreement for Professional Services

This Agreement is effective as of July 5, 2016, between City of Clear Lake (Client) and Short Elliott Hendrickson Inc. (Consultant).

This Agreement authorizes and describes the scope, schedule, and payment conditions for Consultant's work on the Project described as: **Veterans Memorial Golf Course Parking Improvement Project.**

**Client's Authorized Representative:** Scott Flory, City Administrator

**Address:** 115 North 6th Street  
Clear Lake, IA 50428

**Telephone:** 641.357.8711 **email:** slawrenceflory@ctel.net

**Project Manager:** Michael Danburg

**Address:** 215 North Adams Avenue  
Mason City, IA 50401

**Telephone:** 641.424.6344 **email:** mdanburg@sehinc.com

**Scope:** The Basic Services to be provided by Consultant as set forth herein is provided subject to the attached General Conditions of the Agreement for Professional Services (General Conditions Rev. 12.07.15), which is incorporated by reference herein and subject to Exhibits attached to this Agreement.

Consultant proposes to provide the following scope of services by phase:

### Design and Bidding Phase

- Submit Iowa One-Call request
- Set project control and benchmarks
- Conduct topographic field survey
- Prepare base map, survey drafting and surface model
- Conduct field review
- Prepare preliminary improvement plan and estimate of costs
- Review preliminary information with City staff
- Prepare final plans and specifications
- Prepare opinion of probable costs
- Review final project documents with City
- Prepare and distribute Notice to Contractors
- Distribute bid packages to prospective Contractors
- Respond to Contractor's questions
- Facilitate bid opening
- Provide City with tabulation of bids and provide recommendations
- Prepare and distribute construction contract

### Construction Services Phase

- Arrange for and conduct a preconstruction conference
- Review contractor submittals for materials
- Provide on-site observation (resident review) on construction activities
  - Fee is based upon 25 hours for Resident Project Representative
- Prepare change orders, if required

- Perform and/or coordinate required on-site testing needs
- Perform construction staking (2 trips)
- Prepare and submit partial payment certificate
- Conduct punch list inspection (includes one follow-up inspection)
- Prepare and submit certificate of completion and final payment certificate
- Prepare and submit record drawings
- Project Management / Construction Administration
  - Fee is based upon 18 hours for Project Engineer

**Resident Project Representative Services:** RPR services will be provided in accordance with attached Exhibit B.

**Schedule:** Consultant's proposed project schedule is attached and made a part of this agreement.

**Payment:** Consultant proposes to provide the services noted herein by phase as follows:

• Design and Bidding Phase	Lump Sum	\$13,500
• Construction Phase	Hourly Not-to-Exceed	<u>\$ 8,100</u>
<b>TOTAL PROJECT FEE</b>		<b>\$21,600</b>

Expenses and equipment are included in the fee and are currently estimated at \$600. This includes \$150 for mileage, \$400 for survey equipment, and \$50 for plan production. The payment method, basis, frequency and other special conditions are set forth in attached Exhibits A-1 (Hourly) and A-2 (Lump Sum).

This Agreement for Professional Services, attached General Conditions, Exhibits and any Attachments (collectively referred to as the "Agreement") supersedes all prior contemporaneous oral or written agreements and represents the entire understanding between Client and Consultant with respect to the services to be provided by Consultant hereunder. In the event of a conflict between the documents, this document and the attached General Conditions shall take precedence over all other Exhibits unless noted below under "Other Terms and Conditions". The Agreement for Professional Services and the General Conditions (including scope, schedule, fee and signatures) shall take precedence over attached Exhibits. This Agreement may not be amended except by written agreement signed by the authorized representatives of each party.

**Other Terms and Conditions:** Other or additional terms contrary to the General Conditions that apply solely to this project as specifically agreed to by signature of the Parties and set forth herein: None.

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Short Elliott Hendrickson Inc.

City of Clear Lake

By: Michael C Danburg  
 Michael Danburg  
 Title: Project Manager

By: \_\_\_\_\_  
 Title: \_\_\_\_\_

**VETERANS MEMORIAL GOLF COURSE  
PARKING IMPROVEMENT PROJECT  
CLEAR LAKE, IOWA  
PROPOSED PROJECT TIME SCHEDULE**

07/05/16

ITEM NO.	DESCRIPTION	BY	SCHEDULED DATE	PHASE
1	AUTHORIZATION TO PROCEED	CITY COUNCIL	07/05/16	D
2	CONDUCT FIELD TOPOGRAPHIC SURVEY	SEH	BY 07/11/16	D
3	CONDUCT PRELIMINARY DESIGN REVIEW MEETING	SEH/CITY	BY 7/18/2016	D
4	REVIEW FINAL PLANS AND SPECIFICATIONS	SEH	BY 08/10/16	D
5	REVIEW OF PROJECT ADOPT RESOLUTION SETTING BID OPENING, HEARING DATES & ORDERING CLERK TO PUBLISH NOTICE	CITY COUNCIL/ SEH	08/15/16	B
6	BID OPENING	CITY/SEH	09/01/16	B
7	PUBLIC HEARING: RESOLUTION ADOPTING PLANS, SPECIFICATIONS, & FORM OF CONTRACT	CITY COUNCIL	09/06/16	B
8	AWARD OF CONTRACT BY RESOLUTION	CITY COUNCIL	09/06/16	B
9	APPROVAL OF CONTRACT & BOND	CITY	BY 9/9/2016	C
10	PRE-CONSTRUCTION CONFERENCE	SEH, CITY, CONTRACTOR & UTILITIES	BY 09/12/16	C
11	BEGIN CONSTRUCTION	CONTRACTOR	BY 09/16/16	C
12	END CONSTRUCTION	CONTRACTOR	BY 10/28/16	C

LEGEND OF PHASES

B = BIDDING  
C = CONSTRUCTION  
D = DESIGN

Exhibit A-1  
to Agreement for Professional Services  
Between City of Clear Lake (Client)  
and  
Short Elliott Hendrickson Inc. (Consultant)  
Dated July 5, 2016

**Payments to Consultant for Services and Expenses  
Using the Hourly Basis Option**

The Agreement for Professional Services is amended and supplemented to include the following agreement of the parties:

**A. Hourly Basis Option**

The Client and Consultant select the hourly basis for payment for services provided by Consultant associated with the **Construction Phase**. Consultant shall be compensated monthly. Monthly charges for services shall be based on Consultant's current billing rates for applicable employees plus charges for expenses and equipment.

Compensation to Consultant based on the rates is conditioned on completion of the work within the effective period of the rates. Should the time required to complete the work be extended beyond this period, the rates shall be appropriately adjusted.

**B. Expenses**

The following items involve expenditures made by Consultant employees or professional consultants on behalf of the Client. Their costs are not included in the hourly charges made for services and shall be paid for as described in this Agreement but instead are reimbursable expenses required in addition to hourly charges for services:

1. Transportation and travel expenses.
2. Plots, Reports, plan and specification reproduction expenses.
3. Postage, handling and delivery.

The Client shall pay Consultant monthly for expenses.

**C. Equipment Utilization**

The utilization of specialized equipment, including automation equipment, is recognized as benefiting the Client. The Client, therefore, agrees to pay the cost for the use of such specialized equipment on the project. Consultant invoices to the Client will contain detailed information regarding the use of specialized equipment on the project and charges will be based on the standard rates for the equipment published by Consultant.

The Client shall pay Consultant monthly for equipment utilization.

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Exhibit A-2  
to Agreement for Professional Services  
Between City of Clear Lake (Client)  
and  
Short Elliott Hendrickson Inc. (Consultant)  
Dated July 5, 2016

**Payments to Consultant for Services and Expenses  
Using the Lump Sum Basis Option**

The Agreement for Professional Services is amended and supplemented to include the following agreement of the parties:

**A. Lump Sum Basis Option**

The Client and Consultant select the Lump Sum Basis for Payment for services provided by Consultant associated with the **Design and Bidding Phase**. During the course of providing its services, Consultant shall be paid monthly based on Consultant's estimate of the percentage of the work completed. Necessary expenses and equipment are provided as a part of Consultant's services and are included in the initial Lump Sum amount for the agreed upon Scope of Work. Total payments to Consultant for work covered by the Lump Sum Agreement shall not exceed the lump sum amount without written authorization from the Client.

The Lump Sum amount includes compensation for Consultant's services and the services of Consultant's Consultants, if any for the agreed upon Scope of Work. Appropriate amounts have been incorporated in the initial Lump Sum to account for labor, overhead, profit, expenses and equipment charges. The Client agrees to pay for other additional services, equipment, and expenses that may become necessary by amendment to complete Consultant's services at their normal charge out rates as published by Consultant or as available commercially.

**B. Expenses Not Included in the Lump Sum**

The following items involve expenditures made by Consultant employees or professional consultants on behalf of the Client and shall be paid for as described in this Agreement.

1. Expense of overtime work requiring higher than regular rates, if authorized in advance by the Client.
2. Other special expenses required in connection with the Project.
3. The cost of special consultants or technical services as required. The cost of subconsultant services shall include actual expenditure plus 10% markup for the cost of administration and insurance.

The Client shall pay Consultant monthly for expenses not included in the Lump Sum amount.

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Exhibit B  
to Agreement for Professional Services  
Between City of Clear Lake (Client)  
and  
Short Elliott Hendrickson Inc. (Consultant)  
Dated July 5, 2016

**A Listing of the Duties, Responsibilities and  
Limitations of Authority of the Resident Project Representative**

Through more extensive on site observations of the construction work in progress and field checks of materials and equipment by the Resident Project Representative (RPR), Consultant shall endeavor to provide further protection for Client against defects and deficiencies in the work of Contractor (Work); but, the furnishing of such services will not make Consultant responsible for or give Consultant control over construction means, methods, techniques, sequences or procedures or for safety precautions or programs, or responsibility for Contractor's failure to perform the Work in accordance with the Contract Documents. Contract Documents are the documents that govern or are pertinent to Contractor's Work including but not limited to the agreement between Client and Contractor, the Contractor's bid, the bonds, specs, Drawings\*, Field Orders\*, Addenda\*, clarifications, interpretations, approved Shop Drawings\* and reports collectively called the Contract Documents. The duties and responsibilities of the RPR are further defined as follows:

**A. General**

RPR is an agent of Consultant at the site, will act as directed by and under the supervision of Consultant, and will confer with Consultant regarding RPR's actions. RPR's dealings in matters pertaining to the on site work shall in general be with Consultant and Contractor keeping the Client advised as necessary. RPR's dealings with subcontractors shall only be through or with the full knowledge and approval of Contractor. RPR shall generally communicate with Client with the knowledge of and under the direction of Consultant.

**B. Duties and Responsibilities of RPR**

1. Schedules: Review the progress schedule, schedule of Shop Drawing submittals and schedule of values prepared by Contractor and consult with Consultant concerning acceptability.
2. Conferences and Meetings: Attend meetings with Contractor, such as preconstruction conferences, progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof.
3. Liaison:
  - (a) Serve as Consultant's liaison with Contractor, working principally through Contractor's superintendent and assist in understanding the intent of the Contract Documents; and assist Consultant in serving as Client's liaison with Contractor when Contractor's operations affect Client's on-site operations.
  - (b) Assist in obtaining from Client additional information, when required for proper execution of the Work.
4. Shop Drawings and Samples\*:
  - (a) Record date of receipt of Shop Drawings and Samples.
  - (b) Receive Samples furnished at the site by Contractor, and notify Consultant of availability of Samples.
  - (c) Advise Consultant and Contractor of the commencement of any Work requiring a Shop Drawing or sample if the submittal has not been approved by Consultant.
5. Review of Work, Observations and Tests:
  - (a) Conduct on-site observations of the Work in progress to assist Consultant in determining if the Work is in general proceeding in accordance with the Contract Documents.
  - (b) Report to Consultant whenever RPR believes that any Work is unsatisfactory, faulty or defective or does not conform to the Contract Documents, or has been damaged, or does not meet the requirements of any inspection, test or approval required to be made; and advise Consultant of

Work that RPR believes should be corrected or rejected or should be uncovered for observation, or requires special testing, inspection or approval.

- (c) Determine if tests, equipment and systems start-ups and operating and maintenance training are conducted in the presence of appropriate personnel, and that Contractor maintains adequate records thereof; and observe, record and report to Consultant appropriate details relative to the test procedures and start-ups.
  - (d) Accompany visiting inspectors representing public or other agencies having jurisdiction over the Project, record the results of these inspections and report to Consultant.
6. Interpretation of Contract Documents: Report to Consultant when clarification and interpretations of the Contract Documents are requested by Contractor and transmit to Contractor clarifications and interpretations as issued by Consultant.
  7. Modifications: Consider and evaluate Contractor's suggestions for modifications in Drawings or Specifications\* and report with RPR's recommendations to Consultant. Transmit to Contractor decisions as issued by Consultant.
  8. Records:
    - (a) Maintain at the job site orderly files for correspondence, reports of job conferences, shop drawings and samples, reproductions of original Contract Documents including all Work Change Directive\*, Addenda, Change Orders\*, Field Orders, additional Drawings\* issued subsequent to the execution of the Contract, Consultant's clarifications and interpretations of the Contract Documents, progress reports, and other related documents.
    - (b) Keep a diary or log book, recording Contractor hours on the job site, weather conditions, data relative to questions of Work Change Directive Change Orders or changed conditions, list of job site visitors, daily activities, decisions, observations in general, and specific observations in more detail as in the case of observing test procedures; and send copies to Consultant.
    - (c) Record names, addresses and telephone numbers of all Contractors, subcontractors and major suppliers of materials and equipment.
  9. Reports:
    - (a) Furnish Consultant periodic reports as required of progress of the Work and of Contractor's compliance with the progress schedule and schedule of Shop Drawing and sample submittals.
    - (b) Consult with Consultant in advance of scheduled major tests, inspections or start of important phases of the Work.
    - (c) Draft proposed Change Orders and Work Change Directive, obtaining backup material from Contractor and recommend to Consultant Change Orders, Work Change Directive, and Field Orders.
    - (d) Report immediately to Consultant and Client upon the occurrence of any accident.
  10. Payment Requests: Review applications for payment with Contractor for compliance with the established procedure for their submission and forward with recommendations to Consultant, noting particularly the relationship of the payment requested to the schedule of values, Work completed and materials and equipment delivered at the site but not incorporated in the Work.
  11. Certificates, Maintenance and Operation Manuals: During the course of the Work, verify that certificates, maintenance and operation manuals and other data required to be assembled and furnished by Contractor are applicable to the items actually installed and in accordance with the Contract Documents, and have this material delivered to Consultant for review and forwarding to Client prior to final payment for the Work.
  12. Completion:
    - (a) Before Consultant issues a Certificate of Substantial Completion, submit to Contractor a list of observed items requiring completion or correction.
    - (b) Conduct final inspection in the company of Consultant, Client, and Contractor and prepare a final list of items to be completed or corrected.
    - (c) Observe that all items on final list have been completed or corrected and make recommendations to Consultant concerning acceptance.

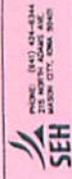
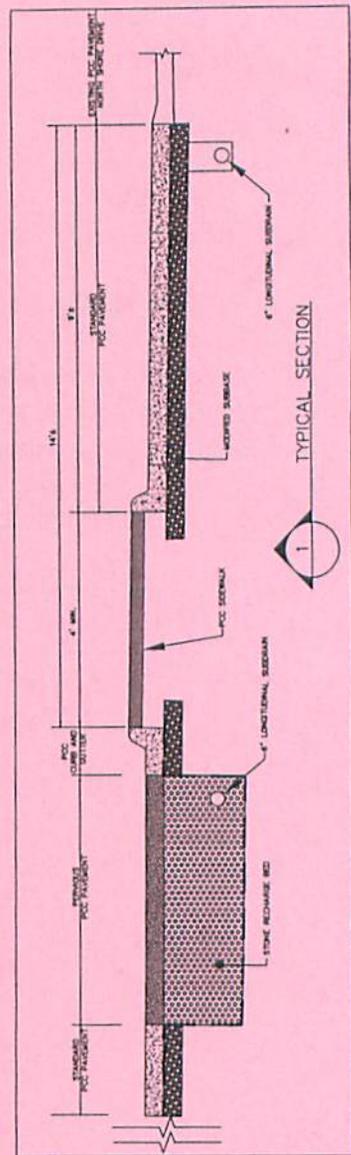
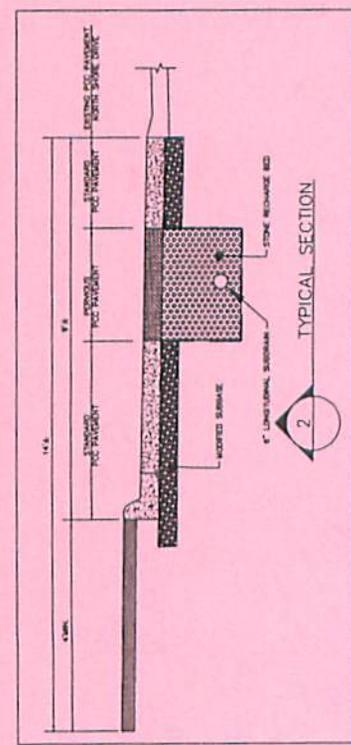
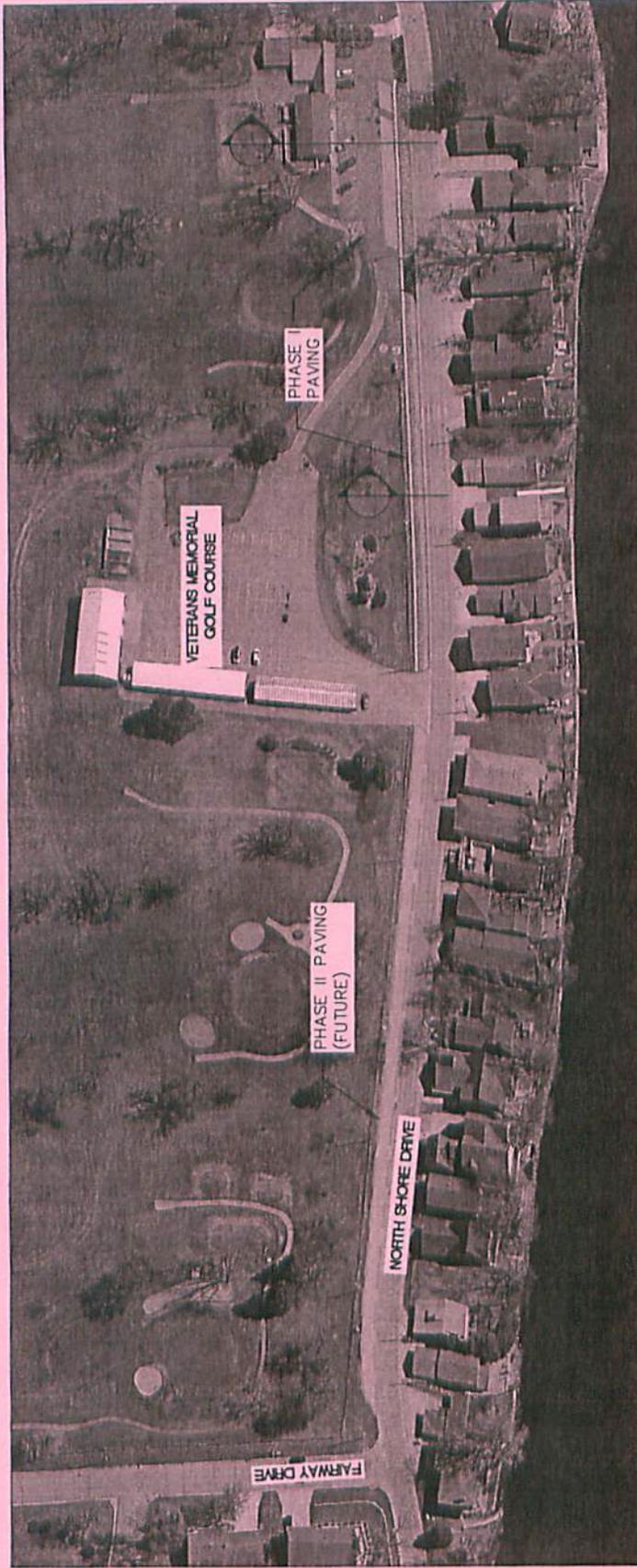
### C. Limitations of Authority

Resident Project Representative:

1. Shall not authorize any deviation from the Contract Documents or substitution of materials or equipment, unless authorized by Client.
2. Shall not exceed limitations of Consultant's authority as set forth in the Agreement for Professional Services.
3. Shall not undertake any of the responsibilities of Contractor, subcontractors or Contractor's superintendent.
4. Shall not advise on, issue directions regarding or assume control over safety precautions and programs in connection with the Work.
5. Shall not accept Shop Drawing or sample submittals from anyone other than Contractor.
6. Shall not authorize Client to occupy the Project in whole or in part.
7. Shall not participate in specialized field or laboratory tests or inspections conducted by others except as specifically authorized by Consultant.

\*All instances in this Exhibit of this capitalized term are as defined in the EJCDC form C-700, copyrighted in 2013.

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CITY OF CLEAR LAKE  
IOWA

VETERANS MEMORIAL GOLF COURSE  
PARKING IMPROVEMENT PROJECT

CONCEPTUAL PLAN

FILE NO.	CLRU
DATE	06-29-16

FIG. 1

RESOLUTION No.

A RESOLUTION ACCEPTING WORK

WHEREAS, on August 17, 2015 the City of Clear Lake, Iowa, entered into a contract with Peterson Contractors Inc., Reinbeck, Iowa for the construction of 12<sup>th</sup> Avenue S Bridge Replacement and Street Panel(s) Replacement Improvement Project, within the City, as therein described; and

WHEREAS, said contractor has fully completed the construction of said improvements, known as 12<sup>th</sup> Avenue S Bridge Replacement and Street Panel(s) Replacement Improvement Project in accordance with the terms and conditions of said contract and plans and specifications, as shown on the certificate of the Engineer filed with the Clerk on June 30, 2016:

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF CLEAR LAKE, IOWA:

Section 1. That said report of the Engineer be and the same is hereby approved and adopted and said improvements are hereby accepted as having been fully completed in accordance with the said plans, specifications and contract. The total contract cost of the improvements payable under said contract is hereby determined to be \$369,959.57.

PASSED AND APPROVED this 5<sup>th</sup> day of July, 2016.

\_\_\_\_\_  
Nelson P. Crabb, Mayor

ATTEST:

\_\_\_\_\_  
Jennifer Larsen, City Clerk



Building a Better World  
for All of Us®

June 30, 2016

RE: Certificate of Completion  
12th Avenue South Bridge Replacement  
City of Clear Lake  
SEH No. CLRLI 129081 14.00

Scott Flory  
City Administrator  
City of Clear Lake  
15 North 6th Street  
Clear Lake, IA 50428

Dear Mr. Flory:

As evidenced by the Final Payment Certificate dated June 30, 2016, all construction work on the project has been satisfactorily completed except for some remaining punch list items. The contractor intends to complete the items in the next two to three weeks. Short Elliott Hendrickson Inc. (SEH) will monitor the completion of the items and make recommendations to the City with regards to release of retainage at that time.

Based on our review of submittals, periodic site observation and tabulation of final quantities, it is SEH's opinion that the completed work is in general conformance with the approved project plans and specifications. This letter serves as our certificate of completion for the project.

If we can be of further service, please do not hesitate to call.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.

A handwritten signature in cursive script that reads "Michael L. Danburg".

Michael L. Danburg, PE  
Project Manager

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Building a Better World  
for All of Us®

June 30, 2016

RE: City of Clear Lake  
12th Avenue South Bridge Replacement  
FINAL PAYMENT CERTIFICATE  
SEH No. CLRLI 129081

Scott Flory  
City Administrator  
City of Clear Lake  
15 North 6th Street  
Clear Lake, Iowa 50428

Dear Mr. Flory:

This is to verify that the contractor for the above project, Peterson Contractors, Inc., has completed to the best of our knowledge, the work identified as complete in compliance with the contract documents.

Total Original Contract Amount	\$415,609.58
Change Order No. 1	(\$42,000.00)
Change Order No. 2	<u>(\$3,450.00)</u>
TOTAL CONTRACT AMOUNT WITH CHANGE ORDER	\$370,159.58
Total Contract Items Completed	\$369,959.56
Less Retainage (5%) and Previous Payment Adjustment	\$15,980.48
Less Previous Payment	<u>\$353,979.08</u>
CURRENT AMOUNT DUE	\$0.00

A tabulation of the contract work completed is enclosed. The Contractor has satisfactorily completed all work except for some remaining punch list items. The Contractor intends to complete the remaining punch list items in the next two to three weeks.

It is recommended that the City make final acceptance of the project. Upon the lapse of 30 days following final acceptance and providing the remaining punch list items are completed and no claims have been filed, the retainage of \$15,980.48 should be paid to the Contractor. The previous payment adjustment accounts for the Change Order No. 2 deduction that was not applied to Partial Payment Certificate No. 2.

Please do not hesitate to call if you have any questions.

Sincerely,

Michael L. Danburg, PE  
Project Manager

enclosure

c: Peterson Contractors, Inc., PO Box 1, Reinbeck, IA 50669  
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Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 215 North Adams Avenue, Mason City, IA 50401-3119  
SEH is 100% employee-owned | sehinc.com | 641.424.6344 | 888.908.8166 fax

FINAL PAYMENT CERTIFICATE  
 12TH AVENUE SOUTH BRIDGE REPLACEMENT PROJECT  
 CLEAR LAKE, IOWA  
 CLRLI 129081  
 June 30, 2016



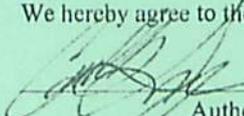
NO.	ITEM	CONTRACT	QUANTITY	UNIT	UNIT	AMOUNT
		QUANTITY	TO DATE		PRICE	TO DATE
1	Mobilization	1	1.00	LS	\$40,000.00	\$40,000.00
2	Traffic Control	1	1.00	LS	\$2,750.00	\$2,750.00
3	Clear and Grub Tree	0.25	0.25	ACRE	\$8,000.00	\$2,000.00
4	Pavement Removal	845	845.00	SY	\$3.00	\$2,535.00
5	Removal of Existing Structure	1	1.00	LS	\$20,435.00	\$20,435.00
6	Excavation, Cl. 10, Roadway and Borrow	500	500.00	CY	\$5.00	\$2,500.00
7	Modified Subbase	400	580.31	TON	\$18.60	\$10,793.77
8	Standard or Slip Form PCC Pavement, 8"	835	835.00	SY	\$65.00	\$54,275.00
9	Bridge Approach Pavement	200	200.00	SY	\$230.00	\$46,000.00
10	PCC Patch, Full Depth Finish (See Change Order No. 1)	350	0.00	SY	\$120.00	\$0.00
11	Structural Concrete (Bridge)	126.3	126.30	CY	\$753.10	\$95,116.53
12	Reinforcing Steel, Epoxy Coated	29254	29254.00	LBS	\$0.96	\$28,083.84
13	Concrete Open Railing	82.9	82.90	LF	\$133.95	\$11,104.46
14	Piles, Steel, HP 10 X 42	600	600.00	LF	\$32.75	\$19,650.00
15	Granular Backfill	75	114.90	TON	\$19.65	\$2,257.79
16	Excavation, Cl. 20	280	280.00	CY	\$7.25	\$2,030.00
17	Fixture Adjustment	3	1.00	EA	\$500.00	\$500.00
18	Storm Intake SW-507	1	1.00	EA	\$4,800.00	\$4,800.00
19	Storm Intake SW-508	1	1.00	EA	\$4,800.00	\$4,800.00
20	Storm Intake SW-512	1	1.00	EA	\$2,400.00	\$2,400.00
21	Storm Sewer Pipe, 15"	31	31.00	LF	\$61.00	\$1,891.00
22	Storm Sewer Pipe, 12"	65	65.00	LF	\$61.00	\$3,965.00
23	Longitudinal Subdrain	200	200.00	LF	\$9.25	\$1,850.00
24	Subdrain Cleanout	2	1.00	EA	\$300.00	\$300.00
25	Subdrain Outlet (RF-19C)	2	2.00	EA	\$300.00	\$600.00
26	Revetment, Class E	240	162.47	TON	\$34.00	\$5,523.98
27	Topsoil, Furnish & Place	150	150.00	TON	\$20.00	\$3,000.00
28	Seeding - Rural	1	1.00	ACRE	\$3,250.00	\$3,250.00
29	Aggregate Surfacing, Driveway	50	35.65	TON	\$28.00	\$998.20
TOTAL PROJECT						\$373,409.56
Change Order No. 1 (Delete Contract item No. 10)						
10	PCC Patch, Full Depth Finish	(350.00)	(350.00)	SY	\$120.00	
Change Order No. 2 (Deduct)						
1	Bridge Abutment Subdrain Pipe	(1.00)	(1.00)	LS	\$3,450.00	(\$3,450.00)
TOTAL PROJECT WITH CHANGE ORDERS						\$369,959.56

FINAL QUANTITIES AGREEMENT  
 12TH AVENUE SOUTH BRIDGE REPLACEMENT PROJECT  
 CLEAR LAKE, IOWA  
 CLRLI 129081  
 June 29, 2016



NO.	ITEM	CONTRACT QUANTITY	QUANTITY TO DATE	UNIT	UNIT PRICE	AMOUNT TO DATE
1	Mobilization	1	1.00	LS	\$40,000.00	\$40,000.00
2	Traffic Control	1	1.00	LS	\$2,750.00	\$2,750.00
3	Clear and Grub Tree	0.25	0.25	ACRE	\$8,000.00	\$2,000.00
4	Pavement Removal	845	845.00	SY	\$3.00	\$2,535.00
5	Removal of Existing Structure	1	1.00	LS	\$20,435.00	\$20,435.00
6	Excavation, Cl. 10, Roadway and Borrow	500	500.00	CY	\$5.00	\$2,500.00
7	Modified Subbase	400	580.31	TON	\$18.60	\$10,793.77
8	Standard or Slip Form PCC Pavement, 8"	835	835.00	SY	\$65.00	\$54,275.00
9	Bridge Approach Pavement	200	200.00	SY	\$230.00	\$46,000.00
10	PCC Patch, Full Depth Finish (See Change Order No. 1)	350	0.00	SY	\$120.00	\$0.00
11	Structural Concrete (Bridge)	126.3	126.30	CY	\$753.10	\$95,116.53
12	Reinforcing Steel, Epoxy Coated	29254	29254.00	LBS	\$0.96	\$28,083.84
13	Concrete Open Railing	82.9	82.90	LF	\$133.95	\$11,104.46
14	Piles, Steel, HP 10 X 42	600	600.00	LF	\$32.75	\$19,650.00
15	Granular Backfill	75	114.90	TON	\$19.65	\$2,257.79
16	Excavation, Cl. 20	280	280.00	CY	\$7.25	\$2,030.00
17	Fixture Adjustment	3	1.00	EA	\$500.00	\$500.00
18	Storm Intake SW-507	1	1.00	EA	\$4,800.00	\$4,800.00
19	Storm Intake SW-508	1	1.00	EA	\$4,800.00	\$4,800.00
20	Storm Intake SW-512	1	1.00	EA	\$2,400.00	\$2,400.00
21	Storm Sewer Pipe, 15"	31	31.00	LF	\$61.00	\$1,891.00
22	Storm Sewer Pipe, 12"	65	65.00	LF	\$61.00	\$3,965.00
23	Longitudinal Subdrain	200	200.00	LF	\$9.25	\$1,850.00
24	Subdrain Cleanout	2	1.00	EA	\$300.00	\$300.00
25	Subdrain Outlet (RF-19C)	2	2.00	EA	\$300.00	\$600.00
26	Revetment, Class E	240	162.47	TON	\$34.00	\$5,523.98
27	Topsoil, Furnish & Place	150	150.00	TON	\$20.00	\$3,000.00
28	Seeding - Rural	1	1.00	ACRE	\$3,250.00	\$3,250.00
29	Aggregate Surfacing, Driveway	50	35.65	TON	\$28.00	\$998.20
TOTAL PROJECT						\$373,409.56
Change Order No. 1 (Delete Contract item No. 10)						
10	PCC Patch, Full Depth Finish	(350.00)	(350.00)	SY	\$120.00	
Change Order No. 2 (Deduct)						
1	Bridge Abutment Subdrain Pipe	(1.00)	(1.00)	LS	\$3,450.00	(\$3,450.00)
TOTAL PROJECT WITH CHANGE ORDERS						\$369,959.56

We hereby agree to the above final project quantities.

  
 \_\_\_\_\_  
 Authorized Signature

6-29-16  
 \_\_\_\_\_  
 Date

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT,  
AND ESTIMATE OF COST FOR THE 2016 SANITARY AND STORM SEWER REHABILITATION PROJECT

WHEREAS, on June 8, 2016, plans, specifications, form of contract, and estimate of cost were filed with the office of the City Clerk for the construction of certain public improvements described in general as "2016 Sanitary and Storm Sewer Rehabilitation Project"; and

WHEREAS, notice of hearing on plans, specifications, form of contract, and estimate of cost for said public improvements was published as required by law;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CLEAR LAKE, IOWA:

That the plans, specifications, form of contract and estimate of cost are hereby approved as the plans, specifications, form of contract, and estimate of cost for said public improvements, as described in the preamble of this Resolution.

PASSED AND APPROVED this 5<sup>th</sup> day of July, 2016.

\_\_\_\_\_  
Nelson P. Crabb, Mayor

ATTEST:

\_\_\_\_\_  
Jennifer Larsen, City Clerk

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION MAKING AWARD OF CONTRACT FOR THE  
2016 SANITARY AND STORM SEWER REHABILITATION PROJECT

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CLEAR LAKE, IOWA;

That the bid of Visu-Sewer, Pewaukee, Wisconsin, in the amount of \$408,831.80, for the 2016 Sanitary and Storm Sewer Rehabilitation Project, be and is hereby accepted, the same being the lowest responsible bid received for said work.

The Mayor and Clerk are hereby directed to execute said contract awarded above for the construction of said improvements, said contract not to be binding on the City until the necessary certificate of insurance have been received and approved by the Project Engineer, City Administrator and Public Work Director. Said contract and bonds to be approved in the future, by Resolution of this Council.

PASSED AND APPROVED this 5<sup>th</sup> day of July, 2016.

\_\_\_\_\_  
Nelson P. Crabb, Mayor

ATTEST:

\_\_\_\_\_  
Jennifer Larsen, City Clerk

1412 6<sup>th</sup> Street SW, P.O. Box 1467  
Mason City, IA 50402-1467  
Phone: 641.423.8271  
Fax: 641.423.8450  
Email: masoncity@whks.com  
Website: www.whks.com



June 30, 2016

Mr. Scott Flory  
City Administrator  
City of Clear Lake  
15 N 6th St.  
Clear Lake, IA 50428

RE: City of Clear Lake  
2016 Sanitary and Storm Sewer Rehabilitation  
**Project Award Recommendation**

Dear Mr. Flory:

We have reviewed the attached bid tabulation and associated documentation for the 2016 Sanitary and Storm Sewer Rehabilitation project. We concur that Visu-Sewer, Inc. from Pewaukee, WI is the lowest responsive and responsible bidder for this project. Based on these bid results, we recommend that the City award the project to Visu-Sewer, Inc for Schedule B in the amount of \$408,831.80.

The project was bid using a Schedule A and a Schedule B. Schedule A included only a portion of the entire project. Schedule B included all of the proposed work on the project.

The City received and opened bids on June 29th, at 11:00 a.m. Five (5) bid proposals were received from the following contractors with the noted project costs for each Schedule:

	Schedule A	Schedule B
Engineer's Opinion	\$462,369.00	\$573,435.00
Visu-Sewer	\$330,005.30	\$408,831.80
Municipal Pipe Tool*	\$363,068.25	\$444,785.10
Hydro-Klean	\$364,431.20	\$455,497.00
Insituform Technologies	\$371,932.40	\$458,160.70
Sak Construction LLC	\$399,959.15	\$505,986.00

\* The Schedule A and Schedule B bids from Municipal Pipe Tool Co., LLC were transposed with each other on the Bid Proposal. Based on the unit prices submitted, the actual bid was as listed above.

Visu-Sewer's Schedule B bid includes \$246,618.80 bid for sanitary sewer work and \$162,213.00 for storm sewer work. The shared bid items, such as Traffic Control, were evenly split between the two categories.

1412 6<sup>th</sup> Street SW, P.O. Box 1467  
Mason City, IA 50402-1467  
Phone: 641.423.8271  
Fax: 641.423.8450  
Email: masoncity@whks.com  
Website: www.whks.com



Please contact me with any questions.

Sincerely,

**WHKS** & co.

A handwritten signature in cursive script that reads "Chase Holien". The signature is written in black ink and is positioned below the company name.

Chase Holien, P.E.  
Project Manager

CAH/cah  
cc (w/enclosures): File

WHKS & Co.

Bid Date: June 29, 2016 @ 11:00 a.m.

WHKS #8272

2016 Sanitary and Storm Sewer Rehabilitation Clear Lake, IA		Engineer's Opinion		Visu-Sewer, Inc. W230 N4855 Betker Drive Pewaukee, WI 53072		Municipal Pipe Tool Co., LLC 515 5th St., PO Box 398 Hudson, IA 50643		Hydro-Klean, LLC 333 NW 49th Place Des Moines, IA 50313		Insituform Technologies USA, LLC 4080 Idaho Ave. N. Crystal, MN 55427		Sek Construction, LLC 864 Hoff Rd. O'Fallon, MO 63366			
ITEM	QUANTITY		UNIT PRICE	SCHEDULE A	UNIT PRICE A	SCHEDULE A	UNIT PRICE A	SCHEDULE A	UNIT PRICE A	SCHEDULE A	UNIT PRICE A	SCHEDULE A	UNIT PRICE A	SCHEDULE A	
	SCHEDULE A	Unit													
1	Mobilization	1	LS	\$30,000.00	\$30,000.00	\$7,900.00	\$7,900.00	\$5,400.00	\$5,400.00	\$8,941.00	\$8,941.00	\$29,008.40	\$29,008.40	\$16,500.00	\$16,500.00
2	Traffic Control	1	LS	\$12,500.00	\$12,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00	\$6,195.00	\$6,195.00	\$8,108.50	\$8,108.50	\$6,200.00	\$6,200.00
3	Geotechnical Testing Allowance	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
4	Exploratory Excavation	2	HOUR	\$175.00	\$350.00	\$210.00	\$420.00	\$216.00	\$432.00	\$210.00	\$420.00	\$211.60	\$423.20	\$500.00	\$1,000.00
5	Granular Backfill	128	TON	\$30.00	\$3,840.00	\$17.85	\$2,284.80	\$18.00	\$2,304.00	\$17.85	\$2,284.80	\$18.00	\$2,304.00	\$40.00	\$5,120.00
6	Point Repair 8" - Pressure Rated	20	LF	\$400.00	\$8,000.00	\$710.00	\$14,200.00	\$729.00	\$14,580.00	\$708.75	\$14,175.00	\$714.00	\$14,280.00	\$450.00	\$9,000.00
7	8" Lining	3,755	LF	\$25.00	\$93,875.00	\$22.00	\$82,610.00	\$19.50	\$73,222.50	\$22.60	\$84,863.00	\$19.70	\$73,973.50	\$23.00	\$86,365.00
8	10" Lining	348	LF	\$33.00	\$11,484.00	\$26.00	\$9,048.00	\$22.50	\$7,830.00	\$26.00	\$9,048.00	\$23.50	\$8,178.00	\$23.75	\$8,265.00
9	Heavy Cleaning	414	LF	\$3.00	\$1,242.00	\$3.00	\$1,242.00	\$5.00	\$2,070.00	\$2.00	\$828.00	\$1.60	\$662.40	\$1.85	\$765.90
10	Root Cutting	685	LF	\$1.50	\$1,028.00	\$1.50	\$1,027.50	\$1.35	\$924.75	\$1.00	\$685.00	\$1.60	\$1,096.00	\$1.85	\$1,267.25
11	Reinstate 4"/6" Service	55	EA	\$150.00	\$8,250.00	\$175.00	\$9,625.00	\$75.00	\$4,125.00	\$50.00	\$2,750.00	\$99.80	\$5,489.00	\$50.00	\$2,750.00
12	Reinstate Storm Sewer Service	1	EA	\$1,000.00	\$1,000.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$250.00	\$1,033.80	\$1,033.80	\$250.00	\$250.00
13	Air Test Service	55	EA	\$300.00	\$16,500.00	\$215.00	\$11,825.00	\$250.00	\$13,750.00	\$236.00	\$12,980.00	\$121.70	\$6,693.50	\$325.00	\$17,875.00
14	Grout Failed Service	50	EA	\$150.00	\$7,500.00	\$1.00	\$50.00	\$20.00	\$1,000.00	\$10.00	\$500.00	\$238.00	\$11,900.00	\$10.00	\$500.00
15	Pre- and Post-Lining Televising Records	1	LS	\$500.00	\$500.00	\$100.00	\$100.00	\$7,000.00	\$7,000.00	\$300.00	\$300.00	\$6,664.40	\$6,664.40	\$500.00	\$500.00
16	Manhole Rehabilitation Strategy 2a	5	EA	\$2,000.00	\$10,000.00	\$1,575.00	\$7,875.00	\$1,620.00	\$8,100.00	\$1,575.00	\$7,875.00	\$1,586.80	\$7,934.00	\$2,812.50	\$14,062.50
17	Manhole Rehabilitation Strategy 2c	1	EA	\$2,500.00	\$2,500.00	\$3,400.00	\$3,400.00	\$3,456.00	\$3,456.00	\$3,360.00	\$3,360.00	\$3,385.10	\$3,385.10	\$3,625.00	\$3,625.00
18	Manhole Rehabilitation Strategy 4a	8	EA	\$1,500.00	\$12,000.00	\$1,115.00	\$8,920.00	\$1,620.00	\$12,960.00	\$1,360.00	\$10,880.00	\$1,269.40	\$10,155.20	\$1,700.00	\$13,600.00
19	Manhole Rehabilitation Strategy 5a	1	EA	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$864.00	\$864.00	\$1,700.00	\$1,700.00	\$3,702.40	\$3,702.40	\$2,125.00	\$2,125.00
20	Manhole Rehabilitation Strategy 6	2	EA	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00	\$864.00	\$1,728.00	\$1,600.00	\$3,200.00	\$846.30	\$1,692.60	\$2,000.00	\$4,000.00
21	Remove Manhole Steps	9	STR	\$500.00	\$4,500.00	\$20.00	\$180.00	\$108.00	\$972.00	\$500.00	\$4,500.00	\$132.20	\$1,189.80	\$625.00	\$5,625.00
22	Chemical Grout	10	GAL	\$10.00	\$100.00	\$12.00	\$120.00	\$270.00	\$2,700.00	\$15.00	\$150.00	\$74.00	\$740.00	\$18.75	\$187.50
23	22" Lining	1,984	LF	\$100.00	\$198,400.00	\$66.75	\$132,432.00	\$80.00	\$158,720.00	\$80.00	\$158,720.00	\$72.30	\$143,443.20	\$75.00	\$148,800.00
24	24" Lining	218	LF	\$100.00	\$21,800.00	\$104.50	\$22,781.00	\$105.00	\$22,890.00	\$97.30	\$21,211.40	\$97.30	\$21,211.40	\$107.00	\$23,326.00
25	PCC Patch (M-Mix)	70	SY	\$150.00	\$10,500.00	\$94.50	\$6,615.00	\$97.00	\$6,790.00	\$94.50	\$6,615.00	\$95.20	\$6,664.00	\$375.00	\$26,250.00
<b>Total</b>					<b>\$462,369.00</b>		<b>\$330,005.30</b>		<b>\$363,068.25</b>		<b>\$364,431.20</b>		<b>\$371,932.40</b>		<b>\$399,959.15</b>

Sanitary Sewer Items
Storm Sewer Items
Shared Items (50%/50% Split)

2016 Sanitary and Storm Sewer Rehabilitation Clear Lake, IA		Engineer's Opinion		Visu-Sewer, Inc. W230 N4855 Betker Drive Pewaukee, WI 53072		Municipal Pipe Tool Co., LLC 515 5th St., PO Box 398 Hudson, IA 50643		Hydro-Kleen, LLC 333 NW 49th Place Des Moines, IA 50313		Insituform Technologies USA, LLC 4080 Idaho Ave. N. Crystal, MN 55427		Sak Construction, LLC 864 Hoff Rd. O'Fallon, MO 63366			
ITEM	QUANTITY		UNIT PRICE		SCHEDULE B		UNIT PRICE B		SCHEDULE B		UNIT PRICE B		SCHEDULE B		
	SCHEDULE B	Unit	UNIT PRICE	SCHEDULE B	UNIT PRICE B	SCHEDULE B	UNIT PRICE B	SCHEDULE B	UNIT PRICE B	SCHEDULE B	UNIT PRICE B	SCHEDULE B	UNIT PRICE B	SCHEDULE B	
1	Mobilization	1	LS	\$30,000.00	\$30,000.00	\$10,900.00	\$10,900.00	\$5,400.00	\$5,400.00	\$8,941.00	\$8,941.00	\$28,412.80	\$28,412.80	\$16,500.00	\$16,500.00
2	Traffic Control	1	LS	\$12,500.00	\$12,500.00	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00	\$6,195.00	\$6,195.00	\$8,907.30	\$8,907.30	\$6,200.00	\$6,200.00
3	Geotechnical Testing Allowance	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
4	Exploratory Excavation	2	HOUR	\$175.00	\$350.00	\$210.00	\$420.00	\$216.00	\$432.00	\$210.00	\$420.00	\$211.60	\$423.20	\$500.00	\$1,000.00
5	Granular Backfill	128	TON	\$30.00	\$3,840.00	\$17.85	\$2,284.80	\$18.00	\$2,304.00	\$17.85	\$2,284.80	\$18.00	\$2,304.00	\$40.00	\$5,120.00
6	Point Repair 8" - Pressure Rated	20	LF	\$400.00	\$8,000.00	\$710.00	\$14,200.00	\$729.00	\$14,580.00	\$708.75	\$14,175.00	\$714.00	\$14,280.00	\$450.00	\$9,000.00
7	8" Lining	5,853	LF	\$25.00	\$146,325.00	\$21.00	\$122,913.00	\$19.50	\$114,133.50	\$22.60	\$132,277.80	\$19.50	\$114,133.50	\$23.00	\$134,619.00
8	10" Lining	348	LF	\$33.00	\$11,484.00	\$26.00	\$9,048.00	\$22.50	\$7,830.00	\$26.00	\$9,048.00	\$23.60	\$8,212.80	\$23.75	\$8,265.00
9	Heavy Cleaning	414	LF	\$3.00	\$1,242.00	\$3.00	\$1,242.00	\$5.00	\$2,070.00	\$2.00	\$828.00	\$1.60	\$662.40	\$1.85	\$765.90
10	Root Cutting	1,796	LF	\$1.50	\$2,694.00	\$1.50	\$2,694.00	\$1.35	\$2,424.60	\$1.00	\$1,796.00	\$1.50	\$2,694.00	\$1.85	\$3,322.60
11	Reinstate 4"/6" Service	103	EA	\$150.00	\$15,450.00	\$175.00	\$18,025.00	\$75.00	\$7,725.00	\$50.00	\$5,150.00	\$94.70	\$9,754.10	\$50.00	\$5,150.00
12	Reinstate Storm Sewer Service	1	EA	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$250.00	\$250.00	\$250.00	\$250.00	\$1,034.10	\$1,034.10	\$250.00	\$250.00
13	Air Test Service	103	EA	\$300.00	\$30,900.00	\$225.00	\$23,175.00	\$250.00	\$25,750.00	\$236.00	\$24,308.00	\$121.70	\$12,535.10	\$325.00	\$33,475.00
14	Grout Failed Service	93	EA	\$150.00	\$13,950.00	\$1.00	\$93.00	\$20.00	\$1,860.00	\$10.00	\$930.00	\$238.00	\$22,134.00	\$10.00	\$930.00
15	Pre- and Post-Lining Televising Records	1	LS	\$500.00	\$500.00	\$100.00	\$100.00	\$8,500.00	\$8,500.00	\$300.00	\$300.00	\$8,885.90	\$8,885.90	\$500.00	\$500.00
16	Manhole Rehabilitation Strategy 2a	6	EA	\$2,000.00	\$12,000.00	\$1,575.00	\$9,450.00	\$1,620.00	\$9,720.00	\$1,575.00	\$9,450.00	\$1,586.80	\$9,520.80	\$2,812.50	\$16,875.00
17	Manhole Rehabilitation Strategy 2c	2	EA	\$2,500.00	\$5,000.00	\$3,400.00	\$6,800.00	\$3,456.00	\$6,912.00	\$3,360.00	\$6,720.00	\$3,385.10	\$6,770.20	\$3,625.00	\$7,250.00
18	Manhole Rehabilitation Strategy 4a	16	EA	\$1,500.00	\$24,000.00	\$852.00	\$13,632.00	\$1,404.00	\$22,464.00	\$1,360.00	\$21,760.00	\$1,269.40	\$20,310.40	\$1,700.00	\$27,200.00
19	Manhole Rehabilitation Strategy 5a	1	EA	\$1,500.00	\$1,500.00	\$600.00	\$600.00	\$864.00	\$864.00	\$1,700.00	\$1,700.00	\$3,702.40	\$3,702.40	\$2,125.00	\$2,125.00
20	Manhole Rehabilitation Strategy 6	7	EA	\$1,500.00	\$10,500.00	\$800.00	\$5,600.00	\$864.00	\$6,048.00	\$1,600.00	\$11,200.00	\$846.30	\$5,924.10	\$2,000.00	\$14,000.00
21	Remove Manhole Steps	17	STR	\$500.00	\$8,500.00	\$20.00	\$340.00	\$108.00	\$1,836.00	\$500.00	\$8,500.00	\$132.20	\$2,247.40	\$625.00	\$10,625.00
22	Chemical Grout	10	GAL	\$10.00	\$100.00	\$12.00	\$120.00	\$270.00	\$2,700.00	\$15.00	\$150.00	\$74.00	\$740.00	\$18.75	\$187.50
23	22" Lining	1,984	LF	\$100.00	\$198,400.00	\$66.75	\$132,432.00	\$80.00	\$158,720.00	\$80.00	\$158,720.00	\$72.60	\$144,038.40	\$75.00	\$148,800.00
24	24" Lining	218	LF	\$100.00	\$21,800.00	\$104.50	\$22,781.00	\$105.00	\$22,890.00	\$97.30	\$21,211.40	\$97.70	\$21,298.60	\$107.00	\$23,326.00
25	PCC Patch (M-Mix)	76	SY	\$150.00	\$11,400.00	\$94.50	\$7,182.00	\$97.00	\$7,372.00	\$94.50	\$7,182.00	\$95.20	\$7,235.20	\$375.00	\$28,500.00
<b>Total</b>					\$573,435.00		\$408,831.80		\$444,785.10		\$455,497.00		\$458,160.70		\$505,988.00

Sanitary Sewer Items
Storm Sewer Items
Shared Items (50%/50% Split)