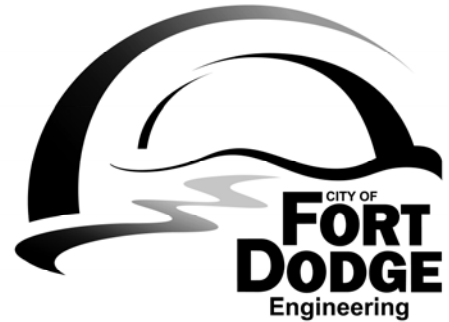


July 21, 2014

To: Mayor Bemrich and City Council
From: David Fierke, City Manager
**Subject: Sanitary Sewer Immediate Needs -
2011 Project - 20th Avenue North
Sanitary Sewer Improvements
Set Public Hearing and Bid Date**



ACTION: For vote Monday, July 28th, 2014

Brief History

The City of Fort Dodge currently experiences overloaded sewers, sewage backups in basements, untreated sewage bypassed to storm sewers, and overloaded pump stations that bypass raw wastewater directly to the Des Moines River. Based on a compilation of previous studies, the total peak wastewater entering the sewer system is approaching 50 million gallons per day during peak wet weather events which far exceeds system capacities.

The objective of this Sanitary Sewer Evaluation Study (SSES) is to evaluate the sanitary sewer system for the entire community. This Study included extensive field work to gather data about how the system operates on a day-to-day basis. This study also included the creation of a model of the entire system so that it can be evaluated based on the individual drainage basins, dry weather flow, wet weather flow, etc. The SSES provided the framework by which decisions will be made regarding what types of improvement projects are needed: rehabilitation, reconstruction, relining, and relief sewers. This framework will also be utilized to determine the prioritization and funding allocations for projects. The SSES work included a Phase 1 and a Phase 2 and was started by McClure Engineering in February, 2011.

Based on the review and compilation of all this information, Council approved a contract with McClure Engineering to complete design work on 3 sanitary sewer immediate needs projects. Those 3 projects included:

- Northgate Lift Station Force Main Reroute (20th Avenue North)
- Basin R14 Relief Outlet (N. 14th St. and 10th Ave. N. to N. 18th St. and 10th Ave. N.)
- Basin G13 Relief Outlet (S. 19th St. and 1st Ave. S. to S. 17th St. and 6th Ave. S.)

In March, 2012, Council approved a 3-year, zero percent interest Planning and Design loan for the SSES and Sanitary Sewer Immediate Needs work in the amount of \$3,000,000 through the Clean Water State Revolving Fund (SRF) program.

In May, 2014, Council passed a resolution for a SRF Sewer Revenue Loan and Disbursement Agreement in the amount of \$8,200,000 at 1.75% interest over 20 years. This agreement is for the Sanitary Sewer Evaluation Study and the design and construction of the Sanitary Sewer Immediate Needs Projects.

Analysis of Issue

A bid letting date needs to be set to receive bids for this project. A public hearing needs to be set to approve the plans and specifications, form of contract, estimate of costs. The Engineer's Estimate of Cost for this project is \$1,340,000.

Budget Impact

In 2012, sanitary sewer utility rates were set accordingly to pay back a \$6,000,000 SRF loan over 20 years. Because the SRF program has reduced their interest rate from 3.25% to 1.75% and reduced their origination fee from 1% to 0.5%, the City now has the ability fund the proposed \$8,200,000 SRF loan without increasing the sewer rates.

Strategic Plan Impact

Policy D.4.2: Advanced planning for all infrastructure facilities shall be supported and routinely updated. Facilities benefitted by advanced planning shall include, at a minimum; schools, health care, residential areas, roads, water, sewer, storm water management, parks, recreation and greenways.

Impact on Existing Plans

Implementation of the results from the Sanitary Sewer Evaluation Study

Subcommittee or Commission Review / Recommendation

N/A

Staff Conclusions / Recommendations

It is our recommendation to set a bid letting date of August 13, 2014 at 2:00 p.m. A public hearing will be held on August 25, 2014 at 6:00 p.m.

Alternatives

None

Implementation and Accountability

The Engineering Department and McClure Engineering will be responsible for overseeing this project.

Signed:



Tony Trotter, P.E.
Project Engineer

Approved:



David Fierke
City Manager

SECTION 00 11 13

NOTICE OF LETTING AND PUBLIC HEARING

Sealed Bid Proposals will be received by the City of Fort Dodge, Iowa (the "Owner"), at the office of the City Clerk, located at 819 1st Avenue South, Fort Dodge, Iowa, 50501 until 2:00 p.m., on the 13th day of August, 2014, for the construction of "20th Avenue North Sanitary Sewer Gravity Bypass". The Work shall be as described in the Specifications and on the Drawings for said improvements now on file at the Owner's office located at 819 1st Avenue South, Fort Dodge, Iowa, 50501. After receipt of the Bid Proposals, they will be opened, read, and tabulated by Owner and their Engineers.

Owner will hold a Public Hearing on the proposed Drawings, Specifications, form of Contract and estimate of cost for the construction of said improvements hereinafter described in accordance with the provisions of Chapter 26.12, Code of Iowa, at 6:00 p.m., on the 25th day of August, 2014, in the City Council Chambers located at 819 1st Avenue South, Fort Dodge, Iowa, 50501. At the hearing, Owner will receive and consider any objections made by any interested party, to the Drawings and Specifications, proposed form of Contract, and the estimate of cost for the project.

The Work involved includes:

- 1) Installation of approximately 600 linear feet of Sanitary Sewer by means of open trench excavation.
- 2) Installation of approximately 2,100 feet of Sanitary Sewer by means of microtunneling.
- 3) Other work associated with sewer main installation.

The project is located along and in the vicinity of 20th Avenue North within the City of Fort Dodge, Iowa.

All Work is to be in strict compliance with the Drawings and Specifications prepared by McClure Engineering Company, P.C., of Fort Dodge, Iowa, and the Statewide Urban Design and Specifications, which, together with the proposed form of contract and estimate of cost have heretofore been approved by the Owner. By reference, they are made a part hereof as though fully set out and incorporated herein.

All bids must be filed with the Office of City Clerk of the Owner on or before the time herein set. All bids shall be made on forms furnished by the Owner, and must be enclosed in a separate sealed envelope and plainly identified. All Bidders must submit and sign the Bid Proposal Form in the Specifications (Section 00 41 00). All attachments included in Section 00 41 00 – Bid Proposal Form, shall be signed and submitted with the Bid Package.

Each bid shall be accompanied by a Bid Bond, Certified Check, Cashier's Check or a Certified Share Draft in a separate sealed envelope in an amount equal to ten (10) percent of the total amount bid. If Bid Bond is submitted, it must be on the form provided with the Contract Documents. The Certified Check, Cashier's Check or Certified Share Draft shall be drawn on a state-chartered or federally-chartered bank. A Certified Share Draft shall be drawn on a state-chartered or federally-chartered credit union. Certified Checks, Cashiers Checks or Certified Share Drafts shall be made payable to the City of Fort Dodge, as security that if awarded a contract, the Bidder will enter into a contract at the prices bid and furnish the required Performance and Payment Bonds and Certificate of Insurance.

The Certified Check, Cashier's Check or Certified Share Draft may be cashed, or the Bid Bond forfeited and the proceeds retained as liquidated damages if the Bidder fails to execute a contract or file acceptable Performance and Payment Bonds or provide an acceptable Certificate of Insurance within ten (10) days after the acceptance of his proposal by resolution of the Owner. No bidder may withdraw a proposal within ninety (90) days after the date set for opening bids. The checks of the unsuccessful bidders will be promptly returned to them after award of the Contract.

The method of construction of all improvements shall be by contract in accordance with the Drawings and Specifications and general stipulations for said improvements approved by the Owner. Payment for the cost of such improvements will be made in cash to be derived from such fund or funds as are legally available for such purpose.

Payment to Contractor will be made in monthly estimates and one final payment. Monthly estimates will be equivalent to ninety-five (95) percent of the Contract value of the Work completed during the preceding calendar month. Estimates will be prepared on the first day of each month by the Contractor. Subject to the approval of the Engineer, who will certify each approved estimate to the City for payment on or before the 15th day of the month in question. Such monthly payment will in no way be construed as an act of acceptance for any of the work partially or totally completed.

Final payment to the Contractor will be made no earlier than thirty-one (31) days from and after the final acceptance of the work by the Owner, subject to the conditions and in accordance with the provisions of Chapter 573 of the Code of Iowa. Payment must also be in accordance with Chapter 26 of the Code of Iowa and will be made "after the completion and final acceptance of the improvement" as provided in Section 572.13 of the Code of Iowa. No such partial or final payment will be due until the Contractor has certified that the materials, labor and services involved in each instance have been paid for in accordance with requirements stated in the Specifications.

Before final payment will be made on this project, the Contractor(s) and subcontractor(s) shall provide lien waivers as required in these Specifications.

Owner will issue special exemption certificates to Contractors and subcontractors, allowing them to purchase, or withdraw from inventory, building materials for the contract free from sales tax. Refer to Article 22 of the Instructions to Bidders.

The successful Bidder will be required to furnish a corporate surety bond in an amount equal to one-hundred (100) percent of the Contract Price. Said Bond to be issued by a responsible surety approved by the Owner and authorized to do business in the State of Iowa, and shall guarantee the faithful performance of the contract and the terms and conditions therein contained and the maintenance of said improvements in good repair for not less than one (1) year from the time of acceptance of the improvements by the Owner. Successful bidder shall also be required to provide Payment Bond as provided in the Specifications. All Bonds subject to the appropriate requirements in Code of Iowa 573.2 through 573.5.

The Work performed under the proposed Contract shall be commenced within ten (10) days after issuance of the "Notice to Proceed." Bidder agrees that the Work will be substantially complete within 180 calendar days after the date when the Contract Times commence to run and will be completed and ready for final payment in within 240 calendar days.

Failure to meet the final completion date will result in liquidated damages of \$1,000.00 per calendar day.

Drawings and Bidding Documents and Contract Documents governing the construction of the Work have been prepared by McClure Engineering Company of Fort Dodge, Iowa. Drawings and Specifications and the proceedings of the Owner, referring to and defining said proposed improvements, are hereby made a part of the Notice and the proposed Contract shall be executed in compliance therewith. Copies of said Drawings and Bidding Documents and Contract Documents are now on file with the Owner in their office at 819 1st Avenue South, Fort Dodge, Iowa, for examination by bidders.

Paper copies of Drawings and Bidding Documents and Contract Documents with Proposal forms may be obtained from McClure Engineering Company, 705 1st Avenue North, Fort Dodge, Iowa, 50501 (Phone 515-576-7155) upon request. The request shall be accompanied by a certified check (made payable to McClure Engineering Company) in the amount of Two Hundred and Fifty Dollars (\$250.00) for 11 by 17-inch Drawings. Payment will be refunded if the Drawings and Documents are 1) returned of within fourteen (14) days after the Award of the Project and 2) the Drawings and Documents are in a reusable condition. If they

are not returned, or returned past the deadline, or are not in a reusable condition as judged by the Engineer, the deposit shall be forfeited.

Complete digital project Bidding Documents and Contract Documents and Drawings are available at www.questcdn.com. You may download the digital documents for \$10.00 by inputting Quest project number 3440810 on the Project Search page. Please contact QuestCDN.com at 952.233.1632 or info@questcdn.com for assistance in free membership registration, downloading, and working in this digital project information.

Owner will receive and consider bids on the Project and will award a single Contract. The award of the Contract will be made to the lowest responsive, responsible bidder, based on the Bid Proposal Form with the lowest TOTAL BID PRICE.

Each Bidder shall fully comply with the requirements, terms and conditions, to make good faith efforts to ensure that certified Disadvantaged Business Enterprise (DBEs) have the opportunity to compete for procurements funded by EPA financial assistance funds (including SRF loans). DBEs must be certified through the Iowa Department of Transportation (DOT). Information on certification requirements and a list of certified DBEs is on the IDOT website at http://www.iowadot.gov/contracts/contracts_eeoaa.htm.

The Contractor shall conform to all requirements of the Federal Labor Standards Provisions (including Davis-Bacon prevailing wage rates) and General Wage Decision No. IA 140001 05/16/2014 IA1, attached to the Supplementary Conditions in the Specifications.

Any bidder or equipment supplier whose firm or affiliate is listed on the U.S. General Services Administration Excluded Parties List System web site at <http://www.epls.gov/> will be prohibited from the bidding process. Anyone submitting a bid who is listed on this web site will be determined to be a non-responsive bidder in accordance with 40 CFR Part 31.

A Contractor's Debarment and Suspension/Certification is contained in the Specifications; however, this Certification should not preclude any interested party from ascertaining whether the certifying person is actually on the U.S. General Services Administration Excluded Parties List System.

The Owner hereby reserves the right to reject any or all bids and to waive informalities and irregularities as it may deem to be for the best interests of the Owner.

Published by the order of the City Council of Fort Dodge, Iowa.

OWNER: CITY OF FORT DODGE, IOWA

By: Matt Bemrich
Mayor

ATTEST:

Jeff Nemmers
City Clerk

End.

RESOLUTION NO. _____

TO PROVIDE FOR A NOTICE OF HEARING ON PROPOSED PLANS AND SPECIFICATIONS, PROPOSED FORM OF CONTRACT, AND ESTIMATE OF COST FOR THE 20TH AVENUE NORTH SANITARY SEWER GRAVITY BYPASS, AND THE TAKING OF BIDS THEREFORE.

WHEREAS, the City of Fort Dodge, Iowa, has determined that it is necessary and desirable that a Public Improvement be constructed as described in the proposed Plans and Specifications and form of Contract prepared by Engineering Department which proposed Plans, Specifications, form of Contract, and Engineer's Estimate are on file with the City Clerk, and which Public Improvement may be hereafter referred to as the 20th Avenue North Sanitary Sewer Gravity Bypass and is sometimes hereinafter in this Resolution referred to as the "Project"; and

WHEREAS, it is necessary to advertise for sealed bids for the Project, and to fix a time and place of Public Hearing on the proposed Plans, Specifications, form of Contract, and estimated cost for the Project:

NOW, THEREFORE, BE IT RESOLVED by the City Council of Fort Dodge, Iowa, as follows:

Section I. That sealed bids will be received by the City Council of the City of Fort Dodge, Webster County, Iowa, at the office of the City Clerk, until 2:00 PM on the 13th day of August, 2014 and opened commencing at 2:00 PM on the same day.

Section II. That on the 24th day of August, 2014, at 6:00 PM at City Hall in the said City, a Public Hearing will be held on the proposed Plans, Specifications, form of Contract, and estimated cost for the Project, and also as the time for Council consideration of bids received in connection therewith.

Section III. That the City Clerk is hereby authorized and directed to give Notice of the aforementioned Public Hearing and taking of bids by publication of such Notice in The Messenger, a newspaper of general circulation in the City.

Section IV. That all provisions set out in the foregoing form of Notice are hereby recognized and prescribed by this Council and that all Resolutions or Orders or Parts thereof, to the extent the same may be in conflict herewith, are hereby repealed.

PASSED AND APPROVED this _____ day of _____, 20____.

AYE: _____

NAY: _____

OTHER: _____

MATT BEMRICH, MAYOR

ATTEST:

JEFF NEMMERS, CITY CLERK