

July 8, 2014

To: Mayor Bemrich and City Council

From: David Fierke, City Manager

**Subject: East Region Public Improvements
Phase 1B
Public Hearing
Approve Plans, Specifications, Form of Contract & Est. of Cost
Award Contract**



ACTION: For vote Monday, July 14, 2014

Brief History

On May 14th, 2012, City Council passed a resolution accepting the method of selection to choose an Engineering Firm to perform preliminary design on the East Region Storm Sewer Project – Phases 1-3. The Engineering Department solicited RFQ's/RFP's from 7 Iowa firms and received 4 submittals from Bolton & Menk, HR Green, McClure, and Snyder & Associates. The qualifications for each firm were scored by a selection committee and based on their recommendation, City Council directed staff to prepare a contract with Snyder & Associates, which was approved on June 25th, 2012. The original contract includes preliminary engineering, design, administrative work necessary to seek funding and determine scope of the project, developing 30% plans, and communication with the public and neighborhood businesses.

Amendment #1 was the first of two (2) planned amendments to Snyder & Associates' original contract. Amendment #1 bridges the gap between preliminary concepts and bidding the projects, generally including final design and plans, right-of-way services (upon written authorization from City), survey, funding applications, and bidding services.

Amendment #2 to the original contract dated July 23, 2012 was approved by Council on June 10, 2013. The original contract and Amendments 1 and 2 encompass the following work:

- Preliminary Design & Plans for Phases 1, 2, and 3.
- Final Design and Plans for Phases 1 and 2.
- Bid Letting Administration for Phases 1 and 2.
- Environmental Services.
- Construction Administration & Observation for Phases 1 and 2.

The following is a description of each Phase (1 – 4) as described at the Council Workshop on May 20, 2013:

- Phase 1 – Roadway, storm sewers, storm water detention, and pump station improvements near 1st Ave. S. & S. 23rd St.
- Phase 2 – Roadway and storm sewer improvements along 1st Ave. S. between Veterans bridge and S. 27th St. including work on S. 27th St.
- Phase 3 – Roadway and storm sewer improvements along 1st Ave. S. between S. 27th St. and east of S. 29th St. and along S. 29th St. from 1st Ave. S. to 8th Ave. S. Also includes detention basin and pump station at 8th Ave. S. and S. 29th St.
- Roadway and storm sewer improvements along S. 25th St. from south of 1st Ave. S. to 7th Ave. S. to Phase 3 detention basin.

At the September 9th, 2013 workshop, Wade Greiman with Snyder & Associates updated the Phase 1 project to Council. It was explained that the project would further be broken down to include two bids; a Phase 1 and Phase 1B. The breakdown was necessary to coordinate construction activities at Kemna Auto and Phase 1 of the East Region Project.

On October 3, 2013, at 3:00 pm bids were received for the Phase 1 Project. Four bid proposals were received. Council approved a contract with JB Holland in the amount of \$1,502,282.93 on October 14th, 2013.

On June 23, 2014 Council set a Public Hearing date of July 14, 2014 and a bid letting date of July 8, 2014. Engineer's estimate for the Phase 1B construction is \$450,000. Phase 1B includes storm water sewer and paving on 1st Ave South, south of Kemna and storm water sewer between 23rd Street and 25th Street north of Kemna's property.

Analysis of Issue

On July 8, 2014 at 3:00 pm one bid was received for the project:

- Rasch Construction, Fort Dodge, Iowa \$621,804.00

Budget Impact

Funding for this project will include LOST, Stormwater Utility GO Bond, a federal transportation grant, TIF, Iowa Clean Air Attainment Program, Traffic Safety Improvement Program, Water Quality related loans or grants, and others. It is the intention to complete the project within the budget provided. Budget is highly dependent on grant success.

Table 1. Capital Improvement Plan Excerpt – East Region Storm Sewer, Phases 1-3

Funding Source	Totals	FISCAL YEAR				
		2012	2013	2014	2015	2016
LOST	\$ 2,500,000				\$ 2,000,000	\$ 500,000
GO Bonds	\$ -					
RUT	\$ -					
Federal	\$ 1,500,000				\$ 500,000	\$ 1,000,000
Sewer Utility	\$ -					
Water Utility	\$ -					
Stormwater Utility	\$ 2,850,000		\$ 1,450,000	\$ 1,400,000		
Other	\$ 2,500,000			\$ 1,050,000	\$ 450,000	\$ 1,000,000
TOTAL	\$ 9,350,000	\$ -	\$ 1,450,000	\$ 2,450,000	\$ 2,950,000	\$ 2,500,000

Strategic Plan Impact

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

Policy C.3.5: Pedestrian-oriented streetscape improvements including, but not limited to, sidewalks, street trees, landscaping, street lights, street furniture, trash receptacles, and signage shall be made to create and maintain an environment attractive to investment.

Impact on Existing Plans

This project has been included in the Capital Improvement Plan, has leveraged Surface Transportation Funds, and includes all recommendations from the Cross-town Connector Report as well as the Business District Watershed Analysis.

Staff Conclusions / Recommendations

It is Staff's recommendation to approve the plans and specifications, form of contract, and estimate of costs for this project. In addition, staff recommends awarding a contract to Rasch Construction in the amount of \$621,804.00.

Alternatives

Council could postpone the awarding of the contract. This would result in beginning construction in the Spring of 2015.

Implementation and Accountability

The Snyder & Associates and the Engineering Department will be responsible for this project.

Signed



Tony Trotter, P.E.
Project Engineer

Approved



David Fierke
City Manager

July 9, 2014

Chad Schaeffer, P.E
City Engineer
City of Fort Dodge
819 1st Avenue South
Fort Dodge, IA 50501

RE: EAST REGION PUBLIC IMPROVEMENTS PHASE 1B
BID LETTING RESULTS AND RECOMMENDATION FOR ACCEPTANCE

Dear Chad:

The bid letting for the above referenced project was held yesterday, July 8, 2014 and produced one bidder. Rasch Construction Inc. from Fort Dodge, Iowa submitted their bid in the amount of \$621,804.00, which is 139.39% over the Engineer's Opinion. We've reviewed each item and unit price as submitted by Rasch Construction Inc. All items are, in our opinion, within a reasonable range of cost based on our extensive experience with similar projects. Rasch Construction Inc. acknowledged the both issued addenda. They submitted the required bid bond in the amount of 10% of the bid.

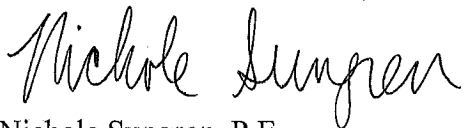
Snyder & Associates, Inc. has worked with Rasch Construction Inc. on similar projects. They are capable of completing the project. They indentified subcontractors in Part F of the Proposal form that are also capable of completing their respective portions of the project work. The project team has reviewed the submitted proposal form and bid bond form. Their submittals meet the requirements of the bid letting.

Snyder & Associates, Inc. recommends acceptance of the bid by Rasch Construction Inc.

Please feel free to call at 515-964-2020 or email nesungren@snyder-associates.com if you have any questions.

Sincerely,

SNYDER & ASSOCIATES, INC.



Nichole Sungren, P.E.
Project Manager

Enclosures (Bid Tab, Bid Proposal, Bid Bond, TSB form)

**Bid Tabulation for
East Region Public Improvements Phase 1B
Fort Dodge, Iowa
Bid Date: July 8, 2014
Project Number: 112.0558**

Engineer's Estimate Snyder & Associates, Inc. 2727 SW Snyder Blvd. Ankeny, IA 50023	Rasch Construction Inc. Fort Dodge, IA 50501
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No.	Item Description	Total Quantity	Unit	Unit Price	Total Price	Unit Price	Total Cost
1 Miscellaneous							
1.01	Mobilization	1	LS	\$20,000	\$ 20,000.00	\$ 60,500.00	\$ 60,500.00
2 Earthwork							
2.01	Topsoil Strip, Salvage and Spread	200	CY	\$10.00	\$ 2,000.00	\$ 28.00	\$ 5,600.00
2.02	Excavation, Class 10, Roadway	950	CY	\$15.00	\$ 14,250.00	\$ 15.00	\$ 14,250.00
2.03	Subgrade Preparation, 12"	2,237	SY	\$2.50	\$ 5,592.50	\$ 3.00	\$ 6,711.00
2.04	Modified Subbase, 8"	2,237	SY	\$10.00	\$ 22,370.00	\$ 9.00	\$ 20,133.00
4 Sewers and Drains							
4.01	Storm Sewer, Trenched, Class 3 RCP, 18"	85	LF	\$55.00	\$ 4,675.00	\$ 70.00	\$ 5,950.00
4.02	Storm Sewer, Trenched, Class 3 RCP, 24"	35	LF	\$70.00	\$ 2,450.00	\$ 82.00	\$ 2,870.00
4.03	Storm Sewer, Trenched, Class 3 RCP, 36"	83	LF	\$85.00	\$ 7,055.00	\$ 212.00	\$ 17,596.00
4.04	Storm Sewer, Trenched, Class 3 RCP, 42"	607	LF	\$100.00	\$ 60,700.00	\$ 125.00	\$ 75,875.00
4.05	Storm Sewer, Trenched, Class 3 RCP, 54"	85	LF	\$145.00	\$ 12,325.00	\$ 260.00	\$ 22,100.00
4.06	Storm Sewer, Trenched, Class 3 RCP, 60"	268	LF	\$160.00	\$ 42,880.00	\$ 294.00	\$ 78,792.00
4.07	Storm Sewer, Trenched, Class 3 RCAP, 36"x23"	43	LF	\$125.00	\$ 5,375.00	\$ 215.00	\$ 9,245.00
4.08	Removal of Storm Sewer, Less than or equal to 36"	366	LF	\$30.00	\$ 10,980.00	\$ 25.00	\$ 9,150.00
4.09	Subdrain, Type 1, Case C, PVC, 6"	629	LF	\$15.00	\$ 9,435.00	\$ 12.00	\$ 7,548.00
4.10	Subdrain Cleanout, Type A-1, 6"	4	EACH	\$500.00	\$ 2,000.00	\$ 400.00	\$ 1,600.00
4.11	Subdrain Outlets and Connections, PVC, 6"	4	EACH	\$350.00	\$ 1,400.00	\$ 150.00	\$ 600.00
5 Water Main and Appurtenances							
5.01	Relocate Fire Hydrant	1	EACH	\$650.00	\$ 650.00	\$ 6,000.00	\$ 6,000.00
6 Structures for Sanitary and Storm Sewer							
6.01	Manhole, Type SW-401	3	EACH	\$4,800.00	\$ 14,400.00	\$ 3,600.00	\$ 10,800.00
6.02	Manhole, Type SW-404	1	EACH	\$10,000.00	\$ 10,000.00	\$ 15,000.00	\$ 15,000.00
6.03	Intake, Type SW-501	2	EACH	\$1,700.00	\$ 3,400.00	\$ 3,100.00	\$ 6,200.00
6.04	Intake, Type SW-505	3	EACH	\$3,500.00	\$ 10,500.00	\$ 4,800.00	\$ 14,400.00
6.05	Intake, Type SW-506 SPECIAL	1	EACH	\$8,000.00	\$ 8,000.00	\$ 9,800.00	\$ 9,800.00
6.06	Connection to Existing Pipe	2	EACH	\$750.00	\$ 1,500.00	\$ 500.00	\$ 1,000.00
6.07	Removal of Existing Structures	8	EACH	\$500.00	\$ 4,000.00	\$ 500.00	\$ 4,000.00
7 Streets and Related Work							
7.01	Standard/Slip-Form PCC Pavement, Class C, 8"	2,229	SY	\$50.00	\$ 111,450.00	\$ 65.00	\$ 144,885.00
7.02	PCC Pavement Samples and Testing	1	LS	\$2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00
7.03	Removal of Sidewalk	27	SY	\$8.00	\$ 216.00	\$ 6.00	\$ 162.00
7.04	Removal of Pavement	2,210	SY	\$5.00	\$ 11,050.00	\$ 6.00	\$ 13,260.00
7.05	Sidewalk, PCC, 5"	98	SY	\$35.00	\$ 3,430.00	\$ 65.00	\$ 6,370.00
7.06	Sidewalk PCC, 6"	13	SY	\$40.00	\$ 520.00	\$ 75.00	\$ 975.00
7.07	Detectable Warning	24	SF	\$35.00	\$ 840.00	\$ 50.00	\$ 1,200.00
7.08	HMA Overlay	37	TN	\$100.00	\$ 3,700.00	\$ 136.00	\$ 5,032.00
7.09	Concrete Washout	2	EACH	\$750.00	\$ 1,500.00	\$ 1,000.00	\$ 2,000.00
8 Traffic Control & Signalization							
8.01	Traffic Control	1	LS	\$5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00
8.02	Pavement Markings, Waterborne	1	LS	\$1,000.00	\$ 1,000.00	\$ 4,000.00	\$ 4,000.00
9 Sitework and Landscaping							
9.01	Seeding and Fertilizing, Type 1	0.25	AC	\$5,000.00	\$ 1,250.00	\$ 20,000.00	\$ 5,000.00
9.02	Storm Water Pollution Prevention Plan, Management	1	LS	\$2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
9.03	Storm Water Pollution Prevention Plan, Inspection	16	EACH	\$50.00	\$ 800.00	\$ 125.00	\$ 2,000.00
9.04	Filter Sock, 8" Diameter, Install and Remove	600	LF	\$3.00	\$ 1,800.00	\$ 5.50	\$ 3,300.00
9.05	Inlet Protection Device, Install	10	EACH	\$25.00	\$ 250.00	\$ 400.00	\$ 4,000.00
9.06	Inlet Protection Device, Maintenance	40	EACH	\$15.00	\$ 600.00	\$ 60.00	\$ 2,400.00
9.07	Type "I" Inlet Filter	10	EACH	\$150.00	\$ 1,500.00	\$ 400.00	\$ 4,000.00

TOTAL BID:	\$ 424,843.50	\$ 621,804.00
ENGINEER'S ESTIMATE + 5% CONTINGENCY:	\$ 446,083.50	
ACKNOWLEDGEMENT OF ADDENDMS:		YES
BID BOND:		10%
PERCENT OF LOW BID:		100.00%
PERCENT OF ENGINEER'S ESTIMATE:		139.39%

RESOLUTION NO. _____

APPROVING PLANS AND SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST FOR EAST REGION PUBLIC IMPROVEMENTS PHASE 1B PROJECT, FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, proposed Plans and Specifications, proposed form of Contract, and estimate of cost for East Region Public Improvements Phase 1B Project have heretofore been prepared by Snyder & Associates, Inc. and filed with the City Clerk on the 23rd day of June, 2014; and

WHEREAS, Notice of Hearing on the said proposed Plans and Specifications, proposed form of Contract, and estimate of cost were duly published in the form and manner required by law; and

WHEREAS, no petition or objections to the said Plans and Specifications, proposed form of Contract, and estimate of cost have been filed or made by any interested party;

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

Section I. That the Plans and Specifications, form of Contract, and estimate of cost referred to in the preamble hereof be and the same are hereby approved.

Section II. That all Resolutions or Orders or parts thereof in conflict herewith are hereby repealed.

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

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk

RESOLUTION NO. _____

AWARDING CONTRACT FOR THE EAST REGION PUBLIC IMPROVEMENTS PHASE 1B PROJECT FOR THE CITY OF FORT DODGE, IOWA.

WHEREAS, pursuant to notice duly published in the manner and form prescribed by Resolution of the Council, and as required by law, bids and proposals were received by this Council for the East Region Public Improvements Phase 1B Project (the "Project"); and

WHEREAS, all of the said bids and proposals have been carefully considered, and it is necessary and advisable that provision be made for the award of the Contract for the Project;

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

Section I. The bid for the Project submitted by the following Contractor is fully responsive to the Plans and Specifications for the Project, heretofore approved by the Council, and is the lowest responsible bid received:

<u>Name and Address of Contractor</u>	<u>Amount of Bid</u>
<u>Rasch Construction Inc</u> <u>1828 Johnson Avenue, Fort Dodge, Ia 50501</u>	<u>\$621,804.00</u>

Section II. The Contract for the Project be and the same is hereby awarded to such Contractor at the total estimated cost set out above, the final settlement to be made on the basis of the unit prices therein set out and the actual final quantities of each class of materials furnished, the said Contract to be subject to the terms of the aforementioned Resolution, the Notice of Hearing and Letting, the Plans and Specifications, and the terms of the bidder's written Proposal.

Section III. The Mayor and City Clerk are authorized to execute a written Contract with said Contractor for the Project, but only after receipt of Performance and/or Payment Bonds from the Contractor and receipt of a written determination from the City Attorney that such Surety Bonds are satisfactory. No additional City Council action shall be required to approve the executed Contract or Surety Bonds, unless requested by the City Attorney.

Section IV. The amount of the Contractor's Performance and/or Payment Bonds is hereby fixed and determined to be 100% of the amount of the Contract.

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

AYE: _____

NAY: _____

OTHER: _____

Matt Bemrich, Mayor

ATTEST:

Jeff Nemmers, City Clerk