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City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date:** **July 12, 2017**

From: John C Bender PE, City Engineer

Re: **Emmons Street/NCPR/Robins Road Phase II Roadway Package**

Description: **Change Order No.1**

Report:

Change Order No.1: Several items are included in the change order primarily to account for plan modifications we were able to make to provide for changing field conditions.

- Item 1.1 is to purchase the lighted bollards that will be installed on all 4 corners of the intersection to provide protection to pedestrians and cyclists. The design contract provided for the wiring and installation of the bollards but omitted the actual purchase of the equipment. There was confusion as to who was providing the bollards. The extra cost is to have the contractor purchase the bollards. Cost $22,639.16

- Item 1.2 is a change in the contract to construct spread foots on 4 on the street light bases. The contract included all pre-cast bases. However in several locations there were too many utilities in conflict with the bases so we had to redesign the footings to be a poured-in-place footing that is much wider but not as deep to miss the utility conduits. The extra cost included all materials and labor to construct 4 new footings. Cost $10,540.00

- Item 1.3 is a savings in the wiring costs for the traffic signal system. The original plan had the controller on the northeast corner of the intersection. There was no electrical source close to provide the power we needed. We relocated the signal controller and street light panel to the northwest corner of the intersection and saved considerable wiring cost to connect to the Alliant electrical service. Cost reduction $20,077.66

Engineering recommends approval of change order No.1 for a net cost increase of $13,101.50. If you need any further information, please let me know.

CHANGE ORDER NO. 1

PROJECT: **EMMONS STREET/NORTH CENTER POINT ROAD/ROBINS ROAD INTERSECTION IMPROVEMENTS PHASE II-ROADWAYPACKAGE**

DATE: June 27, 2017

CONTRACTOR: Rathje Construction
Marion, Iowa

ORIGINAL CONTRACT AMOUNT: $ 2,813,734.76

ORIGINAL CONTRACT COMPLETION DATE: November 1, 2017

ITEM #1.1: **ADD NEW ITEM- Increase cost of bid item 69 Lighted Bollards** to add cost of 16 lighted bollards omitted from the original bid documents that only included the wiring and installation of the 16 lighted bollards. Additional cost of 16 bronze lighted bollards at $1414.95 each. Lump sum cost increase of $22,639.16.

ITEM #1.2: **ADD NEW ITEM- Increase cost of bid item 70 Street Lighting System** to add cost of 4 poured-in-place street light footings due to the fact that many utilities in the area conflict with the planned installation of the pre-cast bases. Additional cost of 4 pour-in-place bases at $2635.00 each. Lump sum cost increase of $10,540.00.

ITEM #1.3: **ADD NEW ITEM- Decrease cost of bid item 71 Traffic Signal per Plan** to reduce installation cost of the electrical equipment by relocating the controller cabinet to the northwest corner of the intersection and reducing the circuit wiring length needed from the Alliant Energy power source. Reduce wiring cost by $20,077.66. Lump sum cost reduction of $20,077.66.

CHANGES IN SCHEDULE: No additional time change for this change order.

CHANGE ORDER No. 1 SUMMARY:

Item No.	Description	Unit	Unit Price	Quantity	Total Amount
1.1	Increase cost of Item #69	LS	$22,639.16	1	$22,639.16
1.2	Increase cost of Item #70	LS	$10,540.00	1	$10,540.00
1.3	Decrease cost of Item #70	LS	$20,077.66	1	$20,077.66

$13,101.50

Total Change Order No.1 Cost: $13,101.50

Rathje Construction

By: Matt Bakenson

Title: Project Manager

Date: 7/5/2017

Attest

By: _____

Title: _____

Date: _____

City of Hiawatha, Iowa

By: _____

Title: _____

Date: _____

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"We Are The Difference"

DRAFT

RESOLUTION NO. 17-
City Council

RESOLUTION APPROVING CHANGE ORDER #1
2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project
(Project #2151330)

WHEREAS, the City Council of the City of Hiawatha, Iowa, has contracted for the 2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project with Rathje Construction Co., of Marion, Iowa, and

WHEREAS, the City Engineer has recommended Change Order #1 for the addition of lighted bollards, poured in place street light footings, and relocation of a controller cabinet to the northwest corner of the intersection, with a increase of $13,101.50, bringing the total revised contract amount to $2,826,836.26, for the 2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project with Rathje Construction Co., of Marion, Iowa, and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, to approve Change Order #1 for the 2016-2017 Emmons Street/North Center Point Road/Robins Road Intersection Improvements Phase 2 Roadway Package Project with Rathje Construction Co., of Marion, Iowa, with an increase in contract amount of $13,101.50, resulting in a revised total project contract amount of $2,826,836.26.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 19th day of July, 2017.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk