



City of Grand Island

Tuesday, December 17, 2019

Council Session

Item G-18

#2019-368 - Approving Certificate of Final Completion for the 2019 Asphalt Resurfacing Project No. 2019-AC-1

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Keith Kurz PE, Assistant Public Works Director

Meeting: December 17, 2019

Subject: Approving Certificate of Final Completion for the 2019 Asphalt Resurfacing Project No. 2019-AC-1

Presenter(s): John Collins PE, Public Works Director

Background

Gary Smith Construction Co, Inc. of Grand Island, Nebraska was awarded a \$607,377.25 contract by the City Council on February 26, 2019, via Resolution No. 2019-75, for the 2019 Annual Asphalt Resurfacing project. This year's work involved asphalt resurfacing on:

Section #1 – 4th Street; BNSF Railroad to Beal Street

Section #2 – 4th Street; Congdon Avenue to 7th Street

Section #3 – Sky Park Road; 7th Street to White Cloud Road

Section #4 – Airport Road; Homestead Drive to Sky Park Road

On August 27, 2019, via Resolution No. 2019-260, City Council approved Change Order No. 1 in the amount of \$2,560.80 to address sprinkler repairs at the Central Nebraska Regional Airport. Such change order resulted in a revised contract amount of \$609,938.05.

Discussion

The project was completed in accordance with the terms, conditions and stipulations of the contract, plans and specifications. Construction was completed at a total cost of \$587,476.84, resulting in an underrun of \$22,461.21. The project underrun was due to the contractor's efficient operation resulting in a reduction in traffic control. Also, construction did not impact the adjacent roadway shoulders and driveways as anticipated, which lead to a decrease in the restoration costs.

Additional project costs (detailed below) totaled \$26,887.54 for a final project cost of \$614,364.38.

Additional Project Costs-

GSI Engineering – Quality Assurance	\$ 2,440.00
City of Grand Island- Petty Cash- core sample packaging	\$ 4.50
City of Grand Island Public Works Engineering Services	\$ 21,180.54
Olsson Associates- core samples	\$ 2,262.50
Hall County Public Works- Section Corners	\$ 1,000.00
Additional Project Costs	\$ 26,887.54

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve the Certificate of Final Completion for Asphalt Resurfacing Project No. 2019-AC-1.

Sample Motion

Move to approve the Certificate of Final Completion for Asphalt Resurfacing Project No. 2019-AC-1.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Asphalt Resurfacing Project No. 2019-AC-1
CITY OF GRAND ISLAND, NEBRASKA
December 17, 2019

TO THE MEMBERS OF THE COUNCIL
CITY OF GRAND ISLAND
GRAND ISLAND, NEBRASKA

This is to certify that Asphalt Resurfacing Project No. 2019-AC-1 has been fully completed by Gary Smith Construction Co, Inc. of Grand Island, Nebraska under the contract dated March 8, 2019. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans and specifications. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Public Works Director in accordance with the provisions of Section 16-650 R.R.S., 1943.

Asphalt Resurfacing Project No. 2019-AC-1

Item No.	Description	Total Quantity	Unit	Unit Price	Total Cost
Bid Section #1- 14th Street; BNSF Railroad to Beal Street					
1	MOBILIZATION	1.00	LS	\$ 1,000.00	\$ 1,000.00
2	COLD MILLING, CLASS 3 (DEPTH 2")	4,756.00	SY	\$ 1.00	\$ 4,756.00
3	ASPHALTIC CONCRETE, TYPE SPR (2")	575.15	TON	\$ 51.40	\$ 29,562.71
4	ASPHALTIC CONCRETE FOR INTERSECTIONS AND DRIVEWAYS, TYPE SPR	0.00	TON	\$ 74.40	\$ 0.00
5	ASPHALTIC CONCRETE FOR PATCHING, TYPE SPR	0.00	TON	\$ 74.40	\$ 0.00
6	TACK COAT	650.00	GAL	\$ 1.95	\$ 1,267.50
7	ADJUST MANHOLE TO GRADE	0.33	EA	\$ 600.00	\$ 200.00
8	ADJUST VALVE BOX TO GRADE	1.00	EA	\$ 400.00	\$ 400.00
9	RAISED LANE MARKERS (YELLOW)	7.00	EA	\$ 0.75	\$ 5.25
10	TEMPORARY SIGN DAY	36.00	DAY	\$ 1.25	\$ 45.00
11	BARRICADE, TYPE II	34.00	BDAY	\$ 0.50	\$ 17.00
12	BARRICADE, TYPE III	13.00	BDAY	\$ 1.50	\$ 19.50
13	FLAGGING	7.00	DAY	\$ 200.00	\$ 1,400.00
Total Bid Section #1=					\$38,672.96

Bid Section #2- 4th Street; Congdon Avenue to 7th Street

1	MOBILIZATION	1.00	LS	\$6,600.00	\$6,600.00
2	COLD MILLING, CLASS 3 (DEPTH 2")	5,496.00	SY	\$ 1.00	\$5,496.00
3	ASPHALTIC CONCRETE, TYPE SPR (2")	602.63	TON	\$ 51.40	\$30,975.18
4	ASPHALTIC CONCRETE FOR INTERSECTIONS AND DRIVEWAYS, TYPE SPR	0.00	TON	\$ 71.40	\$0.00
5	ASPHALTIC CONCRETE FOR PATCHING, TYPE SPR	0.00	TON	\$ 71.40	\$0.00
6	TACK COAT	825.00	GAL	\$ 1.50	\$1,237.50
7	RAISED LANE MARKERS (YELLOW)	48.00	EA	\$ 0.75	\$36.00
8	TEMPORARY SIGN DAY	41.00	DAY	\$ 1.25	\$51.25
9	BARRICADE, TYPE II	33.00	BDAY	\$ 0.50	\$16.50
10	BARRICADE, TYPE III	17.00	BDAY	\$ 1.50	\$25.50
11	FLAGGING	6.00	DAY	\$ 200.00	\$1,200.00

12	FURNISHING & OPERATING PILOT VEHICLE	2.00	DAY	\$ 250.00	\$500.00
13	EARTH SHOULDER CONSTRUCTION	30.00	STA	\$ 80.00	\$2,400.00
14	HYDRO-SEEDING	0.44	ACRE	\$5,150.00	\$2,266.00
Total Alternative Bid Section #2=					\$50,803.93

Bid Section #3- Sky Park Road; 7th Street to White Cloud Road

1	MOBILIZATION	1.00	LS	\$10,000.00	\$10,000.00
2	COLD MILLING, CLASS 1	10,563.00	SY	\$ 0.85	\$8,978.55
3	COLD MILLING, CLASS 3 (DEPTH 2")	38,993.00	SY	\$ 1.00	\$38,993.00
4	ASPHALTIC CONCRETE, TYPE SPR (2")	6,080.36	TON	\$ 51.40	\$312,530.50
5	ASPHALTIC CONCRETE FOR INTERSECTIONS AND DRIVEWAYS, TYPE SPR	40.65	TON	\$ 71.40	\$2,902.41
6	ASPHALTIC CONCRETE FOR PATCHING, TYPE SPR	51.49	TON	\$ 71.40	\$3,676.39
7	TACK COAT	6,484.00	GAL	\$ 1.50	\$9,726.00
8	CRUSHED CONCRETE SURFACE COURSE FOR DRIVEWAYS	15.15	TON	\$ 45.00	\$681.75
9	ADJUST MANHOLE TO GRADE	0.00	EA	\$ 600.00	\$0.00
10	RAISED LANE MARKERS (YELLOW)	321.00	EA	\$ 0.75	\$240.75
11	TEMPORARY SIGN DAY	518.00	DAY	\$ 1.25	\$647.50
12	BARRICADE, TYPE II	347.00	BDAY	\$ 0.50	\$173.50
13	BARRICADE, TYPE III	172.00	BDAY	\$ 1.50	\$258.00
14	FLAGGING	31.50	DAY	\$ 200.00	\$6,300.00
15	FURNISHING & OPERATING PILOT VEHICLE	11.00	DAY	\$ 250.00	\$2,750.00
16	EARTH SHOULDER CONSTRUCTION	338.10	STA	\$ 80.00	\$27,048.00
17	HYDRO-SEEDING	5.16	ACRE	\$ 5,150.00	\$26,574.00
Total Bid Section #3=					\$451,480.35

Bid Section #4- Airport Road; Homestead Drive to Sky Park Road

1	MOBILIZATION	1.00	LS	\$ 6,800.00	\$6,800.00
2	COLD MILLING, CLASS 3 (DEPTH 2")	3,846.00	TON	\$ 1.00	\$3,846.00
3	ASPHALTIC CONCRETE, TYPE SPR (2")	526.47	TON	\$ 51.40	\$27,060.56
4	ASPHALTIC CONCRETE FOR INTERSECTIONS AND DRIVEWAYS, TYPE SPR	0.00	TON	\$ 71.40	\$0.00
5	ASPHALTIC CONCRETE FOR PATCHING, TYPE SPR	0.00	TON	\$ 71.40	\$0.00
6	TACK COAT	500.00	GAL	\$ 1.50	\$750.00
7	RAISED LANE MARKERS (YELLOW)	26.00	EA	\$ 0.75	\$19.50
8	TEMPORARY SIGN DAY	117.00	DAY	\$ 1.25	\$146.25
9	BARRICADE, TYPE II	95.00	BDAY	\$ 0.50	\$47.50
10	BARRICADE, TYPE III	15.00	BDAY	\$ 1.50	\$22.50
11	FLAGGING	7.00	DAY	\$ 200.00	\$1,400.00
12	FURNISHING & OPERATING PILOT VEHICLE	0.00	DAY	\$ 250.00	\$0.00
13	EARTH SHOULDER CONSTRUCTION	25.80	STA	\$ 80.00	\$2,064.00

14	HYDRO-SEEDING	0.35	ACRE	\$ 5,150.00	\$1,802.50
Total Bid Section #4=					\$43,958.81

Change Order No. 1

CO1-1	Sprinkler Repair	1.00	LS	\$ 2,560.80	\$2,560.80
Total Change Order No. 1=					\$2,560.80

Grand Total=					\$587,476.85
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Additional Project Costs-

GSI Engineering – Quality Assurance	\$ 2,440.00
City of Grand Island- Petty Cash- core sample packaging	\$ 4.50
City of Grand Island Public Works Engineering Services	\$ 21,180.54
Olsson Associates- core samples	\$ 2,262.50
Hal County Public Works- Section Corners	\$ 1,000.00
Additional Project Costs	\$ 26,887.54

Asphalt Resurfacing Project No. 2018-AC-1 Project Total = \$614,364.38

I hereby recommend that the Engineer's Certificate of Final Completion for Asphalt Resurfacing Project No. 2019-AC-1 be approved.

John Collins, PE - City Engineer/Public Works Director

Roger G. Steele – Mayor

RESOLUTION 2019-368

WHEREAS, the City Engineer/Public Works Director for the City Of Grand Island has issued a Certificate of Completion for Project No. 2019-AC-1, Asphalt Resurfacing, certifying that Gary Smith Construction Co., Inc. of Grand Island, Nebraska, under contract, has completed the asphalt resurfacing in the total amount of \$587,476.84; and

WHEREAS, additional project costs equate to \$26,887.54 as detailed below, resulting in a total project cost of \$614,364.38; and

GSI Engineering – Quality Assurance	\$ 2,440.00
City of Grand Island- Petty Cash- core sample packaging	\$ 4.50
City of Grand Island Public Works Engineering Services	\$ 21,180.54
Olsson Associates- core samples	\$ 2,262.50
Hal County Public Works- Section Corners	\$ 1,000.00
Additional Project Costs	\$ 26,887.54

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the project; and

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion, for Project No. 2019-AC-1, Asphalt Resurfacing, in the amount of \$614,364.38, is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, December 17, 2019.

Roger G. Steele, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
December 13, 2019	☐ City Attorney