



City of Grand Island

Tuesday, April 26, 2005

Council Session

Item G18

**#2005-129 - Approving Change Order No. 2 to the Contract with
The Diamond Engineering Company for Street Improvement
District 1246 Along South Locust from Stolley to Fonner Park
Road**

Staff Contact: Steven P. Riehle, Public Works Director

Council Agenda Memo

From: Steven P. Riehle, Public Works Director

Meeting: April 26, 2005

Subject: Approving Change Order No. 2 to the Contract with The Diamond Engineering Company for Street Improvement District 1246 Along South Locust from Stolley to Fonner Park Road

Item #'s: G-18

Presenter(s): Steven P. Riehle, Public Works Director

Background

Any change orders to the contract must be approved by City Council. The construction contract was awarded to The Diamond Engineering Company, on July 22, 2003 in the amount of \$1,820,276.72. Change order No. 1 was approved on December 9, 2003 for \$235,376.50 for a new contract amount of \$2,055,653.22.

Discussion

The Engineering Division of the Public Works Department is submitting Change Order No. 2 in the amount of \$60,941.20 for a new contract price of \$2,116,594.42.

Sufficient funds are available in account 40033530-90066 to fund the Change Order.

Alternatives

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

1. Make a motion to approve Change Order No. 2 so as the revised contract amount for the Street Improvement District 1246 would be \$2,116,594.42.
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 pass a resolution authorizing the Mayor to execute the Change Order.

Sample Motion

Approve Change Order No. 2 to the contract with The Diamond Engineering Company for Street Improvement District 1246.

CITY OF GRAND ISLAND
100 EAST 1ST STREET
GRAND ISLAND, NEBRASKA 68801

CHANGE ORDER NO. 2

PROJECT: South Locust Street-Stolley Park Road to Fonner Park Road,
Street Improvement District 1246, Grand Island, Nebraska

DATE OF ISSUANCE: February 22, 2005

CONTRACTOR: The Diamond Engineering Company, P.O. Box 1327, Grand Island, NE 68802

CONTRACT DATE: July 28, 2003

AMOUNT OF ORIGINAL CONTRACT: \$1,820,276.72

You are directed to make the changes in the subject contract as shown on attached sheet.

The changes result in the following adjustment of Contract Price and Contract Time:

Contract Price Prior to This Change Order \$2,055,653.22

Net Increase / ~~Decrease~~ Resulting from this Change Order \$60,941.20

Revised Contract Price Including this Change Order \$2,116,594.42

Contract Time Prior to This Change Order -Substantial Completion September 30, 2004

Net Increase / Decrease Resulting from This Change Order 0 days

Current Contract Time Including this Change Order -Substantial Completion September 30, 2004

Approval Recommended:

City of Grand Island
Owner

By _____
Public Works Director, City of Grand Island

Date _____

Approval Recommended:

Olsson Associates - Project No. 2003-0856

By Kevin L. Prior
Kevin L. Prior, Vice President

Date 2/14/05

The Above Change Order Accepted:

The Diamond Engineering Co.
Contractor

By Frederic C. Shering

Date 2/14/05

Approved for the City of Grand Island

Mayor

Attest: _____
City Clerk

Date: _____

CITY OF GRAND ISLAND

SOUTH LOCUST- STOLLEY PARK TO FONNER PARK ROAD
STREET IMPROVEMENT DISTRICT 1246, GRAND ISLAND, NE
DIAMOND ENGINEERING COMPANY

Change Order No. 2 (Final)
February 22, 2005
OA Project No. 2003-0856

No.	ITEM CHANGE	PLAN		AS CONST.	ADDED/ QUANTITY	PRICE	CONTRACT		ADJUSTED	
		UNITS	QUANTITY				PRICE \$	PRICE \$	PRICE \$	ADD/DEDUCT \$
11	Remove Light Pole and Replace with Pull Box	EA	3	0	(3.0)	630.00	\$1,890.00	\$0.00	\$0.00	(\$1,890.00)
11a	Remove Light Pole	EA	0	4	4.0	300.00	\$0.00	\$0.00	\$1,200.00	\$1,200.00
11b	Remove, Store and Reset Light Pole with Additional Pull Box	EA	0	1	1.0	1,500.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00
20	6" Concrete with Integral Curb	SY	729	0	(729.0)	28.50	\$20,776.50	\$0.00	\$0.00	(\$20,776.50)
20a	6" Concrete Parking/Driveway with Integral Curb	SY	0	4,502	4,502.4	28.50	\$0.00	\$0.00	\$128,318.40	\$128,318.40
23	6" Concrete Driveway	SY	3100	0	(3,100.0)	28.50	\$88,350.00	\$0.00	\$0.00	(\$88,350.00)
37	Tap R.C. Pipe	EA	1	0	(1.0)	320.00	\$320.00	\$0.00	\$0.00	(\$320.00)
37a	Tap R.C. Pipe and Existing Inlets	EA	0	6	6.0	320.00	\$0.00	\$0.00	\$1,920.00	\$1,920.00
45	Reconstruct Storm Sewer Inlet to Grade	EA	16	15	(1.0)	1,020.00	\$16,320.00	\$0.00	\$15,300.00	(\$1,020.00)
45a	Reconstruct Storm Sewer Inlet to Grade, Convert to Type BA	EA	0	2	2.0	2,975.00	\$0.00	\$0.00	\$5,950.00	\$5,950.00
45b	Reconstruct Storm Sewer Inlet to Grade, Replace Existing Top	EA	0	2	2.0	800.00	\$0.00	\$0.00	\$1,600.00	\$1,600.00
<u>ITEM NEW</u>										
133	Remove and Replace Flagpole	EA	0	1	1.0	1,110.00	\$0.00	\$0.00	\$1,110.00	\$1,110.00
134	Remove and Replace Guardrail at Wendy's	LS	0	1	1.0	695.00	\$0.00	\$0.00	\$695.00	\$695.00
135	Build 7" Concrete Pavement at Fonner Park (match existing)	SY	0	216	215.6	30.50	\$0.00	\$0.00	\$6,575.80	\$6,575.80
136	Build Concrete Drainage Flumes with Diamond Plate Cover	EA	0	3	3.0	450.00	\$0.00	\$0.00	\$1,350.00	\$1,350.00
137	Build Landscape Area Drain at U-Haul	EA	0	1	1.0	950.00	\$0.00	\$0.00	\$950.00	\$950.00
138	Build 12" R.C. Storm Sewer Pipe , Class III	LF	0	28	28.0	29.00	\$0.00	\$0.00	\$812.00	\$812.00
139	Remove and Relay Existing Storm Sewer Pipe	LF	0	68	67.5	28.00	\$0.00	\$0.00	\$1,890.00	\$1,890.00
140	Remove Existing Storm Sewer Pipe	LF	0	186	186.0	4.00	\$0.00	\$0.00	\$744.00	\$744.00
141	Build 1 1/2" Water Service at Tommy's	LS	0	1	1.0	1,625.00	\$0.00	\$0.00	\$1,625.00	\$1,625.00
142	Remove and Adjust New Curb Stop to Grade	EA	0	13	13.0	350.00	\$0.00	\$0.00	\$4,550.00	\$4,550.00
143	Take Existing Fire Hydrant Out-Of-Service	LS	0	1	1.0	645.00	\$0.00	\$0.00	\$645.00	\$645.00
144	Remove Traffic Signal Mast/Arms, Salvage to City	EA	0	8	8.0	950.00	\$0.00	\$0.00	\$7,600.00	\$7,600.00
145	Temporary Electrical at Fonner View	LS	0	1	1.0	750.00	\$0.00	\$0.00	\$750.00	\$750.00
146	Backfill and Compaction, Gas Main Trench	LS	0	1	1.0	1,232.50	\$0.00	\$0.00	\$1,232.50	\$1,232.50
147	Landscape Boulders	EA	0	8	8.0	285.00	\$0.00	\$0.00	\$2,280.00	\$2,280.00
Total, Change Order #2							\$127,656.50	\$188,597.70	\$60,941.20	

- Descriptions of Change Order Items (Change Order #2)
S. Locust St., Stolley Park Rd to Fonner Park Road
Grand Island, Nebraska – 2005

Change Order Bid Item No. 11

DELETE: Remove Light Pole and Replace with Pull Box.
Pull boxes were not required to complete construction. Bid Item No. 11 was changed to Bid Items No. 11a and 11b. This reflects the change in cost or work.

Change Order Bid Items No. 11a

ADD: Remove Light Pole.
Bid Item No. 11a, reflects the change in cost from \$630.00 to \$300.00 of work described in Bid Item No. 11.

Change Order Bid Item No. 11b

ADD: Remove, Store and Reset Light Pole with Additional Pull Box.
Bid Item No. 11b, reflects the requirement to move/replace an existing light during construction and provide a pull box to rewire the light from the existing power source.

Change Order Item No. 20, 20a and 23

DELETE: 6" Concrete with Integral Curb.
6" Concrete Driveway.
ADD: 6" Concrete Parking/Driveway with Integral Curb.
Bid Items No. 20 and 23 were changed to Bid Item No. 20a to reflect all 6" concrete pavement. Removals changed to match existing concrete joint patterns, changing the joint pattern of replaced concrete. There is no change in cost per square yard.

Change Order Item No. 37 and 37a

DELETE: Tap R.C. Pipe.
ADD: Tap R.C. Pipe and Existing Inlets.
Bid Item No 37 was changed to 37a to reflect toe requirement to tap existing storm sewer inlets for drainage. There is no change in unit cost.

Change Order Item No. 45, 45a and 45b

CHANGE: Reconstruct Storm Sewer Inlet to Grade.
ADD: Reconstruct Storm Sewer Inlet to Grade, Convert to Type BA.
ADD: Reconstruct Storm Sewer Inlet to Grade, Replace Existing Top.
Bid Item No. 45 changed in quantity with the addition of Bid Item No. 45a. Some of the existing inlets had to be converted to Type BA (curb grate) to support the street widening and realignment. Bid Item 45b was added to reflect inlets where the existing inlet top could not be salvaged and reused.

Change Order Item No. 133

ADD: Remove and Replace Flagpole.
Contract negotiations with Holiday gas station were not completed when the project was designed or bid. Negotiation requirements stated the existing flagpole was to be replaced.

- Change Order Item No. 134
ADD: Remove and Replace Guardrail at Wendy's.
This item was required to provide access to Wendy's during construction.

Change Order Item No. 135

ADD: Build 7" Concrete Pavement at Fonner Park Driveway (match existing).
Prior to the time of removal, the thickness of Fonner Park's driveway was unknown. 7" concrete pavement was used to match the existing pavement thickness.

Change Order Item No. 136

ADD: Build Concrete Drainage Flumes with Diamond Plate Cover.
The change from asphalt overlay to concrete pavement (Change Order #1) allowed grade changes to be made in the planned street gutter line. This allowed drainage changes be made to move water from the parking gutter line to the street. Without the construction of new storm sewer pipe, the most economical method was to build drainage flumes with diamond plate covers at the sidewalks.

Change Order Item No. 137

ADD: Build Landscape Area Drain at U-Haul.
Contract negotiations with U-Haul were not completed when the project was designed or bid. Negotiations required additional curb and gutter and landscaping for the sign location. With this additional curb and gutter and landscaping, a small area inlet was required to drain the corner of the parking and landscape area.

Change Order Item No. 138

ADD: Build 12" R.C. Storm Sewer Pipe, Class III.
Existing storm sewer pipe to the area inlet at Tommy's was 12". This inlet was removed and rebuilt at a different location. A 12" collar and storm sewer pipe was required to add storm sewer pipe to existing pipe.

Change Order Item No. 139

ADD: Remove and Relay Existing Storm Sewer Pipe.
Existing storm sewer pipe had buckled under pavement. Some of the existing pipe was reusable. This pipe was removed and replaced to grade.

Change Order Item No. 140

ADD: Remove Existing Storm Sewer Pipe.
Existing storm sewer pipe had buckled under pavement. The pipe that was not reusable was removed and replaced with new pipe.

Change Order Item No. 141

ADD: Build 1 1/2" Water Service at Tommy's.
During construction, it was noted that the existing water service to Tommy's was on a section of water main that needed to be abandoned because of a leaking water valve. A new service was tapped on the water main for Tommy's as requested by the City of Grand Island Water Department.

Change Order Item No. 142

ADD: Remove and Adjust New Curb Stops to Grade.
Broken and unusable curb stops were replaced and set to grade during construction, as requested by the City of Grand Island Water Department.

Change Order Item No. 143

ADD: Take Existing Fire Hydrant Out-Of-Service.

During construction, it was noted that the water main to an existing fire hydrant (plans required a 5' extension of water main) needed to be abandoned because of a leaking water valve. The water main and fire hydrant were abandoned at the existing main.

Change Order Item No. 144

ADD: Remove Traffic Signal Mast/Arms, Salvage to City.

This item was not addressed with the city during design. The contractor removed, stored and salvaged existing traffic poles and all hardware to the City of Grand Island Street Department.

Change Order Item No. 145

ADD: Temporary Electric at Fonner View.

Contract negotiations with Fonner View were not completed during construction of the project. Temporary electrical was required for signs and lights at Fonner View.

Change Order Item No. 146

ADD: Backfill and Compaction, Gas Main Trench.

The existing gas main was too shallow for road construction. Gas relocation was not planned. The gas company lowered the shallow section of main. The primary contractor backfilled and compacted all trench.

Change Order Item No. 147

ADD: Landscape Boulders.

Landscape boulders were placed at key locations to protect electrical boxes, light poles and sidewalks from drive-over truck traffic.

RESOLUTION 2005-129

WHEREAS, on July 22, 2003, by Resolution 2003-211, the City of Grand Island awarded the bid for Street Improvement District No. 1246 (South Locust Street from Stolley Park Road to Fonner Park Road) to The Diamond Engineering Company of Grand Island, Nebraska; and

WHEREAS, it has been determined that modifications to the work to be performed by The Diamond Engineering Company are necessary; and

WHEREAS, such modifications have been incorporated into Change Order No. 2 and are itemized on Exhibit "A" attached hereto; and

WHEREAS, the result of such modification will increase the contract amount by \$60,941.20 for a revised contract price of \$2,116,594.42.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Mayor be, and hereby is, authorized and directed to execute Change Order No. 2 for Street Improvement District No. 1246 between the City of Grand Island and The Diamond Engineering Company of Grand Island, Nebraska.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, April 26, 2005.

RaNae Edwards, City Clerk