



City of Grand Island

Tuesday, March 23, 2010

Council Session

Item G21

**#2010-89 - Approving Change Order #2 for Utility Improvements
at the Veterans Athletic Field Complex**

Staff Contact: Steve Paustian

Council Agenda Memo

From: Steve Paustian, Parks and Recreation Director

Meeting: March 23, 2010

Subject: Change Order #2 Utility Improvements-Veterans Athletic Field Complex

Item #'s: G-21

Presenter(s): Steve Paustian, Parks and Recreation Director

Background

The current contract with Diamond Engineering is in the amount of \$200,237.38 to provide utility services for the new Veterans Athletic Field Complex. The contract needs to be modified to reflect the change in the design of the water service to the facility. The change order will increase the amount of the contract by \$12,428.22. The new contract amount will be \$212,665.60.

Discussion

It has been determined that a new routing for the potable water supply for the Veterans Athletic Field Complex is necessary. The original design, provided by Olsson Associates called for the waterline to go north along the east side of Broadwell to a point just north of the proposed parking lot. At this point the line would cross under Broadwell to the Veterans Athletic Field Complex property. It has since been determined that the proposed route has too many conflicts with other utilities to make it feasible to install the water line along the original route. The major conflict arises because of a massive amount of utilities located in this area by Quest. Prior to design Olsson Associates requested a locate be made by Quest, however as this request was made during the survey part of the design, Quest refused to locate their lines. With the rerouting as proposed by the City Utility Department the line will cross Broadwell Avenue immediately then proceed north to the Veterans Home Athletic Field Complex. See attached Utilities Dept. memo.

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 Postpone the issue to future date
3. Take no issue to a Committee
4. action on the issue

Recommendation

City Administration recommends that the Council approve the change order in the amount of \$8,902.20. This will make the new contract amount \$200,237.38.

Sample Motion

Move to increase the amount of the contract to Diamond Engineering in the amount of \$8,902.20.



*Working Together for a
Better Tomorrow, Today.*

CHANGE ORDER

TO: **Diamond Engineering Co.**
1521 W Anna
Grand Island, NE 68801

CHANGE ORDER NO. 2

PROJECT: **Utility Improvements – Veterans Athletic Field Complex**

You are hereby directed to make the following change in your contract.

1. Water Main relocation increase \$12,428.22

The original Contract Sum **\$191,335.18**

Previous Change Order Amounts **\$ 8,902.20**

The Contract Sum is increased by this Change Order **\$ 12,428.22**

The total modified Contract Sum to date **\$212,266.60**

The Contract Time has been changed to May 15, 2010.

Approval and acceptance of this Change Order acknowledges understanding and agreement that the cost and time adjustments included represent the complete values arising out of and/or incidental to the work described herein. Additional claims will not be considered.

APPROVED: **CITY OF GRAND ISLAND**

By _____ Date _____
Mayor

Attest _____

Approved as to Form, City Attorney

ACCEPTED: **Diamond Engineering Co.**

By *James H. Hender, PRESIDENT* Date *MARCH 16th 2010*

Date: March 12, 2010

Subject: Water Main Project 2009-W-8; Veterans Athletic Field Complex Change Order

Due to relocating the existing sports complex from Fonner Park to the new Veterans Athletic Field Complex located at 2820 N Broadwell Ave, the Parks and Recreation Division contracted with Olsson Associates to prepare plans and specifications for the installation of the required infrastructure. On November 24, 2009 the City Council awarded that contract to the Diamond Engineering Co.

On February 16th of this year, the Utilities Department was notified by the project's Contractor, that major telephone lines had been discovered in conflict with the proposed routing of the new water main to serve the Complex. At that time, Utilities Engineering staff meet with the Contractor's Project Manager to review the area. That appraisal reveled an existing telephone conduit bank comprising of nine 4" conduits; a 600 pair direct-bury phone cable; and a fiber-optics communication line, all located in the easterly r-o-w of Broadwell Ave. along the proposed water line route.

At that time, Utilities staff contacted local Qwest Communications engineers to review the situation. Contact was also made with Olsson Associates' engineer Matt Rief to discuss this situation. Matt stated that a request for utility locates had been sent as a part of their initial survey of the area – (see attached 'Diggers Hotline' ticket No. 2341057). However, the phone lines had not been flagged as per that request and therefore none of these obstructions were indicated on the plans nor noted in the specifications.

The Utilities Dept. immediately began to evaluate the options on how the conflicts could be resolved, because it would not be possible to install the water main on the planned alignment without relocation and shoring of the telephone lines for the entire length of the project in Broadwell. It would also be extremely time consuming in trying to do the relocation and would most likely cause additional delays by requiring extensive coordination of the work with the phone and cable companies involved.

The review of the area profile, ground water elevations, existing and proposed utilities, and alternate alignments and pipeline routes, showed the westerly r-o-w of Broadwell was free of underground utility lines. And, since the Complex is on the westerly side, the least conflicted alternative is to immediately cross Broadwell with the water line. This alternative meets the requirements for providing fire protection and potable use to the sports complex and also for future development and extension of the water supply in the area. However, it does necessitate the change order for larger diameter materials for the casing under Broadwell and addition 12" main in order to complete the project and keeps the overall project on schedule.

RESOLUTION 2010-89

WHEREAS, on November 24, 2009 by Resolution 2009-303 and on February 9, 2010 by Resolution 2010-39, the City Council of the City of Grand Island awarded the Diamond Engineering Co. from Grand Island, Nebraska, the bid in the amount of \$191,335.18 and Change Order amount of \$8,902.20, for the Utility Improvements sections D, E, F and G at the new Veterans Athletic Field Complex; and

WHEREAS, it has been determined that the relocation of the Water Main Project from the east side of Broadwell Ave to the west side of Broadwell Ave is necessary; and

WHEREAS, such modifications have been incorporated into Change Order No. 2; and

WHEREAS, the result of such modifications will increase the contract amount by \$12,428.22 for a revised contract price of \$212,266.60.

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 between the City of Grand Island and the Diamond Engineering Co. from Grand Island, Nebraska to provide the modifications set out as follows:

Relocation of Water Main Project.....\$12,428.22

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Adopted by the City Council of the City of Grand Island, Nebraska, March 23, 2010.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
March 19, 2010	☐ City Attorney