



City of Grand Island

Tuesday, April 12, 2011

Council Session

Item G12

#2011-86 - Approving Amendment No. 3 to the Agreement with Felsburg, Holt and Ullevig for Engineering Consulting Services for the Grand Island Quiet Zone Improvements

Staff Contact: John Collins, Public Works Director

Council Agenda Memo

From: Scott Griepenstroh, Public Works Project Manager

Meeting: April 12, 2011

Subject: Approving Amendment No. 3 to the Agreement with Felsburg, Holt and Ullevig for Engineering Consulting Services for the Grand Island Quiet Zone Improvements

Item #'s: G-12

Presenter(s): John Collins, Public Works Director
Scott Griepenstroh, Public Works Project Manager

Background

The purpose of the Grand Island Quiet Zone Improvement Project, Phase I is to develop improvements at the Union Pacific Railroad (UPRR) crossings at Oak Street, Pine Street, Walnut Street and Elm Street so that train horns will not need to be activated for these crossings. It was initially planned to make “silent” crossings at Oak Street and Pine Street by constructing concrete medians and concrete curb to narrow the streets at the crossing approaches. Wayside Horns were initially planned to be installed at Walnut Street and Elm Street.

On May 13, 2008 the City Council approved Resolution No. 2008-132 to enter into an agreement with Felsburg, Holt and Ullevig (FHU) for Engineering Consulting Services on the Grand Island Quiet Zone Improvements Project, Phase I. The \$28,600 agreement provided for development of plans and specifications for the project, and preparation of notifications for the establishment of a quiet zone.

Any amendments to an agreement must be approved by the City Council.

On October 13, 2009, through Resolution No. 2009-262, the City Council approved Amendment No. 1 to the original agreement for \$12,600. Amendment No. 1 provided for additional survey and design work that was required to narrow the pavement in the areas of UPRR’s and Peavey’s tracks at Walnut Street and Elm Street. These changes were a result of decisions arising from the July 21, 2009 diagnostic on-site meeting with UPRR, FHU and the City of Grand Island.

On January 11, 2011, through Resolution No. 2011-7, the City Council approved Amendment No. 2 to the original agreement for \$5,200. Amendment No 2 provided for design changes and coordination with the Federal Railroad Administration (FRA) to address issues presented in the Union Pacific Railroad's Technical Response to the Final Plans that were submitted January 13, 2010.

Discussion

At the March 1, 2011 Study Session, Public Works staff presented information to the City Council to consider the alternative of closing the Elm Street crossing instead of constructing a Wayside Horn system and other improvements. The presentation included traffic volumes and the costs for improvements for the four at-grade crossings in the proposed quiet zone. On March 8, the City Council approved a resolution to change the scope of the Quiet Zone Phase I project to include permanently closing the Elm Street railroad crossing.

The closing of the Elm Street railroad crossing requires plan revisions that include removal of all pavement within 25 feet of the tracks and installation of concrete curb, barricades and fence. Additional coordination with UPRR by FHU will also be required.

Public Works intends to reach agreements with the Nebraska Department of Roads, Union Pacific Railroad, and Peavey Grain to pay for all costs associated with the closing of the Elm Street Crossing, including these engineering costs.

It is necessary to amend the agreement for consulting services with Felsburg, Holt and Ullevig to incorporate the plan revisions as required and for railroad coordination. The work covered by Amendment No. 3 will be performed based on actual costs with a maximum of is \$3,930.00, for a revised contract total of \$50,330.00.

Original Agreement	\$28,600.00
Amendment No. 1	\$12,600.00
Amendment No. 2	\$5,200.00
Amendment No. 3	\$3,930.00
Total Revised Agreement	\$50,330.00

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 – If the work proposed in the amendment is not performed, the project cannot move forward.

Recommendation

City Administration recommends that the Council approve Amendment No. 3 with Felsburg, Holt & Ullevig for the Grand Island Quite Zone Improvements.

Sample Motion

Move to approve the amendment.

Amendment #3 Authorizing a Change in Scope of Services

In accordance with the Agreement Terms and Conditions between the **City of Grand Island**, Nebraska and **Felsburg, Holt & Ullevig** dated May 13, 2008, this Amendment describes change(s) to the Scope of Services, Project Schedule and/or Engineering Fees for Felsburg, Holt & Ullevig's services on the project known as:

Grand Island Quiet Zone Improvements

TOPIC: Provide engineering services to incorporate the plan revisions as required allowing for the closure of the Elm Street railroad crossing and for railroad coordination.

SCOPE: See Appendix "A"

ENGINEERING FEES: See Appendix "A"

TOTAL CHANGE IN PROJECT'S ESTIMATED FEES: \$3,930.00



FELSBURG
HOLT &
ULLEVIG

engineering paths to transportation solutions

March 10, 2011

RE: Grand Island Quiet Zone Improvements

Mr. Scott Griepenstroh
Project Manager
City Of Grand Island – Engineering Division
100 East First Street
Grand Island, NE 68801

Dear Scott,

Enclosed please find Supplemental Agreement #3 -Modified Scope of Services for the above referenced project. The Introduction outlines the reasons for our Supplemental request for additional services and fees of \$3,930 associated with the Grand Island Quiet Zone Final Design.

We will submit plans for formal review within three weeks of the approval of this Supplemental Agreement. We will address any comments that your staff might have on the final plan submittals and special provisions. We will also draft the Notice of Quiet Zone Establishment (NQZE) to establish the Quiet Zone after completion of the construction of the safety measures, after which we will have completed our assignment on the Grand Island Quiet Zone contract.

If you have any questions regarding this supplemental request, please give Rick a call at (402) 430-4947.

Sincerely,

FELSBURG HOLT & ULLEVIG

Kyle A. Anderson, PE, PTOE
Principal

Rick Haden
Project Manager

Appendix "A"
SUPPLEMENTAL AGREEMENT # 3
MODIFIED SCOPE OF SERVICES
For
Grand Island Quiet Zone
Final Plans

INTRODUCTION

On March 1, 2011 at the Grand Island City Council Study Session the Council heard testimony regarding the potential closure of Elm Street across the UPRR and Peavey railroad tracks. This alternate would save the City significant expense over the previous alternate of installing wayside horns at the Elm Street crossing to establish a quiet zone. The City Council subsequently passed a resolution at the March 8, 2011 Council Session approving Public Works to proceed with closing the Elm Street crossing as part of the Grand Island Quiet Zone project.

The most recent plan revisions involve removal of pavement within 25 feet of the tracks and installation of curbs and barricades across the end of the roadway on each side of the tracks. The diligence in pursuing an acceptable closure option not only avoids the need to install more costly wayside horns, but also reduces maintenance of railroad equipment and will result in a much safer and quieter environment in the surrounding area.

DESCRIPTION OF FEES ASSOCIATED WITH TASKS

The scope of services for the Original Agreement will also apply to this Supplemental Agreement with the exception of the modified tasks and man-hours listed in this proposal representing the additional effort to complete each of the tasks identified in the Original Agreement.

No additional topographic surveys will be completed for the modifications to the crossings.

Grand Island Quiet Zone- Final Plans

Appendix A

City of Grand Island, NE

Supplemental # 3

2/10/2011

TASKS	Person Hours By Task						Total
	PR	PM	Sr. Engr.	Engineer 1	Admin.		
Project Management	1	2					3
Topographic Surveys							0
Roadway Design		3	6	16			25
Permits/ Agency Coordination	2	2		1			5
TOTAL HOURS	3	7	6	17	0		33
LABOR COSTS / HR RATE	\$67.50	\$53.00	\$54.75	\$22.21	\$28.86		
TOTAL LABOR COSTS	\$203	\$371	\$329	\$378	\$0		
OVERHEAD COSTS (1.6667)	\$338	\$618	\$548	\$629	\$0		
TOTAL LABOR & OVERHEAD COSTS	\$540	\$989	\$876	\$1,007	\$0		\$3,412

FIXED FEE (12%)

\$409

DIRECT PROJECT EXPENSES

ITEM		
Mileage	160 Miles	\$0.510
Printing (11x17)	50 Sheets	\$0.20
Postage/Shipping		17

TOTAL DIRECT PROJECT EXPENSES

\$109

MAXIMUM AMOUNT PAYABLE

\$3,930

TERMS AND CONDITIONS: The terms and conditions of the Agreement referenced above shall apply to this Amendment except to the extent expressly modified by this Amendment. In the event of any such modification, the modification shall be set forth on pages attached to this Amendment and signed on the last page by the Authorized Representatives. The Article of the Agreement to be modified shall be specifically referenced in the modification, and the modification shall be precisely described.

The following signatures of the Authorized Representatives acknowledge acceptance of the terms of this Amendment.

APPROVAL AND ACCEPTANCE:

City of Grand Island, Nebraska

Felsburg, Holt and Ullevig

MAYOR, JAY VAVRICEK

Kyle A. Anderson, Principal

DATE

DATE

ATTEST:

CITY CLERK, RaNAE EDWARDS

Approved as to Form	☒ _____
March 23, 2011	☒ City Attorney

City of Grand Island
100 East 1st Street
Grand Island, Nebraska 68801

AGREEMENT AMENDMENT NUMBER 3

Date of Issuance: April 12, 2011

PROJECT: Engineering Services Related to Quiet Zone Improvements

CONSULTANT: Felsburg, Holt & Ullevig

AGREEMENT DATE: TO BE DETERMINED

Provide engineering services to incorporate the plan revisions as required allowing for the closure of the Elm Street railroad crossing and for railroad coordination.

The changes result in the following adjustment to the Agreement Amount:

Agreement Price Prior to This Amendment	\$46,400.00
Net Increase/Decrease Resulting from this Amendment.....	\$ 3,930.00
Revised Contract Price Including this Change Order.....	\$50,330.00

Approval Recommended:

By _____
John Collins, Public Works Director

Date _____

The Above Amendment Accepted:

Felsburg, Holt & Ullevig
Consultant

By _____
Kyle A. Anderson

Date _____

Approved for the City of Grand Island:

By _____
Jay Vavricek, Mayor

Attest: _____
RaNae Edwards, City Clerk

Date _____

Approved as to Form:

By _____
Attorney for the City

RESOLUTION 2011-86

WHEREAS, on May 13, 2008, by Resolution 2008-132, the City Council for the City of Grand Island approved the \$28,600.00 proposal of Felsburg, Holt and Ullevig to provide engineering services for Quiet Zone Improvements in the Downtown area; and

WHEREAS, on October 13, 2009, by Resolution 2009-262, the City Council for the City of Grand Island approved Amendment No. 1, in the amount of \$12,600.00, to the original agreement for consulting services to address issues presented at the July 21, 2009 diagnostic on-site meeting; and

WHEREAS, on January 11, 2011, by Resolution 2011-7, the City Council for the City of Grand Island approved Amendment No. 2, in the amount of \$5,200.00 to the original agreement for consulting services to provide for design changes and coordination with the Federal Railroad Administration (FRA) to address issues presented in the Union Pacific Railroad's Technical Response to the Final Plans that were submitted January 13, 2010; and

WHEREAS, it is necessary to amend the agreement for consulting services to incorporate the plan revisions and railroad coordination in connection with the closure of the Elm Street railroad crossing; and

WHEREAS, due to Felsburg, Holt and Ullevig's knowledge and experience working on this project, it is recommended that they continue providing engineering work for the project; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that Amendment No. 3, for the total amount of \$3,930.00, to the Agreement with Felsburg, Holt and Ullevig for engineering consulting services for plan revisions and railroad coordination for the Grand Island Quiet Zone Improvements project is hereby approved, with a revised total agreement price of \$50,330.00.

BE IT FURTHER RESOLVED, that the Mayor be, and hereby is, authorized and directed to execute such agreement on behalf of the City of Grand Island.

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Adopted by the City Council of the City of Grand Island, Nebraska, April 12, 2011.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
April 7, 2011	☐ City Attorney