



# City of Grand Island

Tuesday, January 08, 2008

Council Session

## Item G12

**#2008-7 - Approving Certificate of Final Completion for Traffic Signal Project No. 2006-TS-1; US Highway 30 and Public Safety Drive**

Staff Contact: Steven P. Riehle, City Engineer/Public Works Direc

# **Council Agenda Memo**

**From:** Steven P. Riehle, City Engineer/Public Works Director

**Meeting:** January 8, 2008

**Subject:** Approving Certificate of Final Completion for Traffic Signal Project No. 2006-TS-1; US Highway 30 and Public Safety Drive

**Item #'s:** G-12

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

## **Background**

A contract in the amount of \$85,835.60 for the installation of a traffic signal at the intersection of US Highway 30 and Public Safety Drive, Project No. 2006-TS-1, was awarded to Ensley Electrical Services Inc. on February 27, 2007. Work commenced on June 25, 2007 and was completed on December 10, 2007.

## **Discussion**

The project was completed in accordance with the terms, conditions, and stipulations of the contract, plans, and the specifications. It was completed at a total cost of \$88,804.60, which included a change order increase, in the amount of \$4,644.00. This was due to high ground water in the area increasing the cost for the installation of the 12' deep signal pole footing in the northwest corner of the intersection. Two items, removal of the old lighting units and relocation of the luminaries, were not needed for a cost reduction of \$790.00. One item for the purchase and installation of a street name sign will be done by city force for a cost reduction of \$885.00.

## **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

### **Recommendation**

City Administration recommends that the Council approve the Certificate of Final Completion for Traffic Signal Project 2006-TS-1.

### **Sample Motion**

Move to approve the Certificate of Final Completion for Traffic Signal Project 2006-TS-1.

## ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Traffic Signal Project No. 2006-TS-1  
US Highway 30 & Public Safety Drive  
CITY OF GRAND ISLAND, NEBRASKA  
December 10, 2007

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

This is to certify that Traffic Signal Project No. 2006-TS-1 has been fully completed by Ensley Electrical Services INC. of Grand Island, Nebraska under the contract dated February 27, 2007. 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.

### **Traffic Signal Project No. 2006-TS-1; intersection of US Hwy 30 & Public Safety Drive**

<u>No.</u>	<u>Description</u>	<u>Unit Price</u>	<u>Unit</u>	<u>Total Quantity</u>	<u>Total Cost</u>
1.	Comb. Mast Arm Signal/Lighting Pole, CMP-30-12	\$ 8,220.00	ea.	1.0	\$ 8,220.00
2.	Comb. Mast Arm Signal/Lighting Pole, CMP-45-12	\$ 8,660.00	ea.	1.0	\$ 8,660.00
3.	Mast Arm Signal, Type MP-50-12	\$ 7,470.00	ea.	1.0	\$ 7,470.00
4.	Remove Lighting Unit	\$ 330.00	ea.	0.0	\$ 0.00
5.	Relocate Luminaire	\$ 65.00	ea.	0.0	\$ 0.00
6.	Traffic Signal Controller	\$12,575.00	ea.	1.0	\$12,575.00
7.	Pedestal Pole, Type 1	\$ 990.00	ea.	1.0	\$ 990.00
8.	Street Name Sign	\$ 295.00	ea.	0.0	\$ 0.00
9.	Traffic Signal, Type TS-1	\$ 750.00	ea.	7.0	\$ 5,250.00
10.	Pull Box, Type PB-1	\$ 460.00	ea.	10.0	\$ 4,600.00
11.	Pull Box, Type PB-2	\$ 800.00	ea.	1.0	\$ 800.00
12.	Pedestrian Signal, Type PS-1	\$ 655.00	ea.	2.0	\$ 1,310.00
13.	Video Detection Camera	\$ 5,210.00	ea.	3.0	\$15,630.00
14.	Service Meter and Pedestal	\$ 755.00	ea.	1.0	\$ 755.00
15.	2" Conduit in Trench (PVC)	\$ 2.00	Linear ft.	2,093.0	\$ 4,186.00
16.	2" Conduit Jacked (Steel)	\$ 27.00	Linear ft.	100.0	\$ 2,700.00
17.	2" Conduit Jacked (PVC)	\$ 10.60	Linear ft.	230.0	\$ 2,438.00
18.	3" Conduit in Trench (PVC)	\$ 5.50	Linear ft.	67.0	\$ 368.50
19.	3" Conduit Jacked (PVC)	\$ 12.00	Linear ft.	143.0	\$ 1,716.00
20.	3/C #14 AWG Traffic Signal Cable	\$ 1.20	Linear ft.	116.0	\$ 139.20
21.	7/C #14 AWG Traffic Signal Cable (Interconnect)	\$ 1.30	Linear ft.	2,425.0	\$ 3,152.50
22.	20/C #16 AWG Traffic Signal Cable	\$ 4.10	Linear ft.	321.0	\$ 1,316.10
23.	Camera Detector Cable	\$ 1.80	Linear ft.	321.0	\$ 577.80
24.	#8 Grounding Conductor	\$ .90	Linear ft.	317.0	\$ 285.30
25.	#6 Street Lighting Cable	\$ 1.15	Linear ft.	388.0	\$ 446.20
26.	#6 Service Cable	\$ 1.15	Linear ft.	500.0	\$ 575.00

**Original Contract Total**

**\$84,160.60**

**Change Order # 1**

27.	Pier Driving Sub Contractor	\$ 1,500.00	1.0	\$ 1,500.00
28.	Culvert Pipe	\$ 198.00	1.0	\$ 198.00
29.	Digger Truck	\$ 840.00	1.0	\$ 840.00
30.	Water Pump	\$ 216.00	1.0	\$ 216.00
31.	Labor	\$ 1,890.00		\$ 1,890.00
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<b>Change Order #1 Total</b>				<b>\$ 4,644.00</b>

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**TOTAL PROJECT COST FOR 2006-TS-1**

**\$88,804.60**

I hereby recommend that the Engineer's Certificate of Final Completion for the Traffic Signal Project No. 2006-TS-1 be approved.

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Steven P. Riehle – City Engineer/Public Works Director

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Margaret Hornady – Mayor

RESOLUTION 2008-7

WHEREAS, the Public Works Director for the City of Grand Island has issued a Certificate of Final Completion for Traffic Signal Project No. 2006-TS-1, certifying that Ensley Electrical Services, Inc., of Grand Island, Nebraska, under contract dated February 27, 2007, has completed such project according to the terms, conditions, and stipulations for such improvements; and

WHEREAS, the Public Works Director recommends the acceptance of the final certificate of completion; and

WHEREAS, the Mayor concurs with the Public Works Director's recommendations.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Public Works Director's Certificate of Final Completion for Traffic Signal Project No. 2006-TS-1 is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, January 8, 2008.

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Margaret Hornady, Mayor

Attest:

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RaNae Edwards, City Clerk