



City of Grand Island

Tuesday, August 10, 2010

Council Session

Item G12

#2010-217 - Approving Certificate of Final Completion for Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update for the City of Grand Island

Staff Contact: Steven P. Riehle, Public Works Director

Council Agenda Memo

From: Steven P. Riehle, Public Works Director

Meeting: August 10, 2010

Subject: Approving Certificate of Final Completion for Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update for City of Grand Island

Item #'s: G-12

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

Background

The Completion for Engineering services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update for Wastewater Division City of Grand Island was awarded to CH2M Hill, Inc. of Englewood, Colorado by Resolution No. 2005-293, on October 11, 2005.

On September 11, 2007, by Resolution 2007-217, the City Council approved Amendment Number 1, with CH2M Hill which accounts for scope and schedule modifications.

On April 28, 2009 by Resolution 2009-100 the City Council approved Amendment Number 2 which modified the scope of the original contract without the appropriation of additional funds.

On August 25, 2009 by Resolution 2009-203 City Council approved Amendment Number 3, which represents scope, budget and schedule modifications to perform additional analysis in order to minimize capital improvement program project needs.

Work was completed on June 15, 2010.

Discussion

The project has been reviewed and the work completed in accordance with the terms, conditions, and stipulations of the contract. The Engineering Services contract was completed at a total cost of \$406,118.00.

An update to the city of Grand Island's (City's) Wastewater Collection and Treatment Systems Comprehensive Plan has been prepared to provide a prioritized list of capital improvement program (CIP) recommendations for the City to address anticipated regulatory requirements as well as capacity and condition concerns through the year 2029 planning horizon. Alternative strategies to alleviate existing deficiencies and comply with anticipated future regulatory requirements were evaluated. A rate study update is being prepared by Black & Veatch that will use this plan. The prioritized CIP includes both sanitary sewer collection system and wastewater treatment plant (WWTP) improvement recommendations as summarized below.

Collection System

- Condition Assessment of Concrete Sewers
- Update Costs for hydraulic capacity based improvements identified in the 2000 Sanitary Sewer Comprehensive Plan Update

WWTP

- Aerated Static Pile and Biofilter Odor Control Pilot and Odor Analysis Summary
- Comparison of Industrial Wastewater Rates
- Comparison of Residential Wastewater Rates
- Staffing Analysis for Public Works Department, Wastewater Division
- Regulatory Analysis
- Flows and Loadings Analysis
- Capacity Analysis
 - 1. Hydraulic Capacity
 - 2. Process (Loading) Capacity
 - 3. Condition Assessment
 - 4. Alternatives Analysis

Prioritized CIP

- Capital Improvement Program report for 2010 - 2029 planning horizon

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

Public Works Administration recommends that the Council approve the Certificate of Final Completion for the Comprehensive Plan Update for the Wastewater Division.

Sample Motion

Move to approve the Certificate of Final Completion of the Wastewater Comprehensive Plan Update.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update
CITY OF GRAND ISLAND, NEBRASKA

August 10, 2010

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

This is to certify that Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update, has been fully completed by CH2M Hill, Inc. of Englewood, Colorado under contract dated October 18, 2005. The work was completed in accordance with the terms, conditions, and stipulations of said agreement and complies with the agreement. The work is hereby accepted for the City of Grand Island, Nebraska, by me as Director of Public Works in accordance with the provisions of Section 16-650 R.R.S., 1943.

It is further certified that the engineering services include the following items and costs and that this certificate shall constitute the Final Payment for this work.

ENGINEERING SERVICES FOR THE WASTEWATER COLLECTION AND TREATMENT SYSTEMS COMPREHENSIVE PLAN UPDATE

Contract Agreement 2005-293	\$	346,200.00
Amendment Number 1	\$	0.00
Amendment Number 2	\$	35,038.00
Amendment Number 3	\$	24,880.00
<hr/> TOTAL COST		\$ 406,118.00

**TOTAL COST OF ENGINEERING SERVICES FOR THE WASTEWATER
COLLECTION AND TREATMENT SYSTEMS COMPREHENSIVE PLAN \$ 406,118.00
UPDATE**

Respectfully submitted,

Steven P. Riehle, P.E.
Director of Public Works

August 10, 2010

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

I hereby recommend that the Engineer's Certificate of Final Completion for ENGINEERING SERVICES FOR THE WASTEWATER COLLECTION AND TREATMENT SYSTEMS COMPREHENSIVE PLAN UPDATE be approved

Respectfully submitted,

Margaret Hornady
Mayor

RESOLUTION 2010-217

WHEREAS, the City Engineer/Public Works Director for the City of Grand Island issued a Certificate of Final Completion for the Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update certifying that CH2M Hill, Inc. of Englewood, Colorado completed the work according to the terms, conditions, and stipulations of the agreement for such engineering services; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the Engineer's certificate of final completion; 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 the Engineering Services for the Wastewater Collection and Treatment Systems Comprehensive Plan Update is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 10, 2010.

Margaret Hornady, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form
August 9, 2010

City Attorney