

Memorandum Public Works Department



To: City Manager
Subject: Wastewater Treatment Facility Additional Design/Construction Related Services
Project 2624
Date: February 18, 2013
Number: 2013-040

Attached is a proposed contract amendment to the agreement with Symbiont for additional engineering services related to the proposed wet weather treatment system at the Mill Street wastewater treatment facility.

As part of the Wastewater Treatment Facility Project currently construction, Symbiont, and its subconsultants, have completed several tasks that were not included in their original engineering services contract with the City. These include the following:

1. During construction, several structural issues were uncovered to the existing wastewater treatment plant building. Symbiont has evaluated the existing building and identified a scope of work and is revising the project to remedy these issues.
2. Environmental services related to impacted soil excavation and disposal. Services including sampling, testing, delineation and disposal.
3. Value engineering design revisions to replace auger cast piles with H-piles. The City has already received a credit from the contractor for the cost savings.
4. Engineering services related to contractor-related issues. The City has already received a credit from the contractor for the cost savings.
5. Rehabilitation, demarcation and protection of the existing outfall discharge structure.
6. Revisions to Mill Street driveway entrances.

Symbiont proposes to provide these additional engineering services at their standard hourly rates at an estimated cost of \$77,330.

Recommendation

The Public Works Department recommends that the City Council approve the amendment to Symbiont's contract at an additional cost of \$77,330 and that the City Manager be authorized to sign the amendment on behalf of the City of Rock Island.

Submitted by: Robert T. Hawes, P.E., Assistant City Manager/Public Works Director
Michael J. Kane, P.E., City Engineer

Approved by: Thomas Thomas, City Manager



Mr. Michael J. Kane, P.E.
City Engineer
City of Rock Island
1309 Mill Street
Rock Island, IL 61201-3261

February 8, 2013

**RE: Additional Design and Construction Related Services
Mill Street Wastewater Treatment Plant
Wet Weather Treatment System
Symbiont Project No. W091615**

Dear Mr. Kane:

As part of the Wet Weather Treatment System (WWTS) project construction, several structural issues were identified related to the existing wastewater treatment plant building masonry restoration work included in the original project scope. Symbiont along with its subconsultants, Missman, Inc. and Gere/Dismer Architects, have evaluated the existing structure and identified a scope of work necessary to address the building deficiencies. The development of revised plans and specifications are required in order to obtain firm pricing from the contractors for the proposed scope of work.

Symbiont proposes to update and revise the architectural and structural plans and specifications as discussed at our December 12, 2012 meeting and as summarized in the meeting notes dated January 9, 2013. We propose to complete this work on a time and material basis as summarized in the table below. As part of the initial building investigation and evaluation, Symbiont and its subconsultants also expended effort to identify the required rehab scope of work. The amount of effort previously expended for this work is also detailed in the table below.

Through the first half of the WWTS construction, Symbiont and its subconsultants have completed several other tasks that were not included in our original engineering services during construction proposal to the City. These include the following:

1. Environmental services related to structure 50 impacted soil excavation and disposal including soil sampling, testing, and delineation; and soil disposal plan.
2. Value engineering design revisions to replace auger cast piles with H piles on structure 50. The City received a credit in change order no. 3 from the contractor for the shared cost savings which included the additional design labor.
3. Engineering services related to contractor-related issues that arose during construction. The City received a credit in change order no. 4 from the contractor for these costs.

4. Outfall discharge structures demarcation and protection within the river. Rehabilitation of the existing outfall discharge structure.
5. Crawford Company Mill Street entrance revisions.

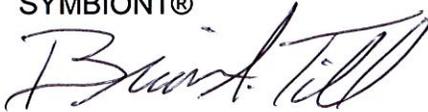
Symbiont requests a contract amendment for the additional engineering services during construction as summarized above and with associated fee adjustments as follows:

Task	Amount
Existing WWTP Building Rehabilitation	
Initial Investigation/Evaluation	\$18,390
Revise Construction Documents	\$16,700
Structure 50 Impacted Soil Environmental Services	\$10,700
Structure 50 Value Engineering Redesign	\$6,000
Contractor-Related Construction Issues	\$16,040
Outfall Demarcation and Rehabilitation	\$7,800
Crawford Mill Street Entrance Revisions	\$1,700
TOTAL	\$77,330

Please sign and return a copy of the attached amendment for at your earliest convenience. If you have any questions or would like to discuss this amendment request further, please do not hesitate to contact me at 414-755-1180.

Sincerely,

SYMBIONT®



Brian A. Till, P.E.
 Project Manager

Attachment



SYMBIONT

CONTRACT CHANGE ORDER

PROJECT NAME: Wet Weather Treatment System **CHANGE ORDER NO.:** 11

OWNER: City of Rock Island
1309 Mill Street
Rock Island, IL 61201 **DESIGNER:** Symbiont
6737 West Washington Street
Suite 3440
West Allis, WI 53214

SUBCONTRACTOR: **SYMBIONT PROJECT NO.:** W091615

CONTRACT FOR: Design Services **CONTRACTOR PROJECT NO.:**

CONTRACT DATE: January 19, 2009

You are directed to make the following changes in the Contract Documents.

Description: Additional Design and Construction Related Services

Purpose of Change Order: Contract amendment to include additional design and construction related services for existing WWTP building rehabilitation and various construction-related issues.

Attachments: 1 Symbiont Proposal Dated February 8, 2013

CHANGE IN CONTRACT PRICE:		CHANGE IN CONTRACT TIME:	
Original Contract Price	\$ 1,900,000.00	Original Contract Time (days or date)	n/a
Previous Change Order	\$ 4,005,626.00	Net Change from Previous Change Orders (days)	n/a
Contract Price Prior to this Change Order	\$ 5,905,626.00	Contract Time Prior to this Change Order (days or date)	n/a
Net Increase (Decrease) of this Change Order	\$ 77,330.00	Net Increase (Decrease) of this Change Order (days)	n/a
Contract Price with all Approved Change Orders	\$ 5,982,956.00	Contract Time with all Approved Change Orders (days or date)	n/a

CITY OF ROCK ISLAND

By: _____

Title: _____

Date: _____

SYMBIONT

By: *Paul W. Conroy*

Title: *Vice President*

Date: *2/7/13*