

**Memorandum
Public Works Department**



To: City Manager
Subject: Wet Weather Treatment Facility Additional Construction Related Services
Project 2624
Date: August 29, 2014
Number: 2014-184

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

The construction contract for the Wet Weather Treatment Facility (WWTF) has been extended approximately 39 weeks. The extensions are primarily due to the delivery and set-up of the large wet weather pumps and engines which are the heart of the new facility. Current completion dates are now: Substantial Completion – September 30, 2014; and Final Completion – November 30, 2014.

Due to the extensions, Symbiont, and their subconsultants, have and will continue to expend more time and effort in supporting this project than what is currently in their contract with the City. A list of on-going activities and remaining major tasks are provided on the attached change order document.

Symbiont proposes to provide these additional engineering services at their standard hourly rates at an estimated cost of \$220,000.

Recommendation

The Public Works Department recommends that the City Council approve the amendment to Symbiont's contract at an additional cost of \$220,000 and that the City Manager be authorized to sign the amendment on behalf of the City of Rock Island.

Vendor:	Symbiont	
Payment Amount:	\$220,000	
Fund:	506	Wastewater Operation & Maintenance
Department:	618	Utilities Service
Cost Center:	341	Wastewater Mill Street Plant
Object Code:	56501	Engineering Services
Project	2624	LTCP- Wet Weather Treatment Facility

Requisition #: R004816

Submitted by: Randall D. Tweet, 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, Illinois
1309 Mill Street
Rock Island, IL 61201

August 18, 2014

**RE: Engineering Services During Construction
Wet Weather Treatment System
City of Rock Island, Illinois
Symbiont Project No. W091615**

Dear Mr. Kane:

With the two extensions granted to Civil Constructors for the WWTS project, the overall construction completion schedule has been extended by approximately 39 weeks. With this extension, Symbiont and our subconsultants are expending more effort supporting the project than originally budgeted for in our current contract with the City. The extensions granted to Civil have resulted in the following current contract completion dates:

- Substantial Completion – September 30, 2014
- Final Completion – November 30, 2014

Following is a list of the on-going support activities and major tasks remaining:

1. Day-to-day support including submittals, pay applications, clarifications, and revisions
2. Full-time construction inspection services via Missman, Inc.
3. Biogas generator startup
4. WWTP sludge handling system improvements startup
5. WWTS pump engine emission testing
6. Biogas generator emission testing
7. Finalize air emissions permit with IEPA
8. Operator training for sludge handling systems and SCADA system
9. Substantial completion inspection and punch list development
10. Final completion inspection and project closeout
11. Record drawings

Based on the level of support required to date and the tasks remaining, Symbiont is estimating that it will take approximately an additional \$220,000 for Symbiont and its subconsultants to support the remaining construction work. Due to the extended construction schedule, Symbiont requests a contract amendment for the additional engineering services during construction as summarized above.

Once construction is complete, we believe Symbiont will also need to continue to support the City in optimizing operation of the new WWTS. The City's consent decree and

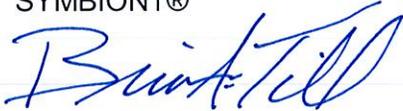
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discharge permit require certification of the WWTS operation within six months of startup. IEPA was notified by the City that the new WWTS was put into service on June 30, 2014. The system was able to treat wet weather flow for several weeks due to high river levels, but since the middle of July, the system has operated very little. If wet weather conditions occur again this fall, we believe it will be necessary for Symbiont to work with the City to optimize the system to meet the required discharge permit requirements. I would like to meet with City's operating staff to discuss system optimization and how Symbiont may assist the City.

Please sign and return a copy of the attached amendment 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.: 12

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 Construction Related Services

Purpose of Change Order: Contract amendment to include additional construction related services due to extended construction contract.

Attachments: 1 Symbiont Letter Dated August 18, 2014

CITY OF ROCK ISLAND

By: _____

Title: _____

Date: _____

SYMBIONT

By: *[Signature]*

Title: Vice President

Date: 8/18/14