

**Memorandum
Public Works Department**



To: City Manager
Subject: LTCP – Outfall 007 Relocation Project
Date: March 24, 2016
Number: 2016-058

Attached is an Engineering Services Proposal from Symbiont for additional engineering services to perform a Phase 2 Archaeological Investigation for the Outfall 007 Project. This project is to relocate Overflow Outlet 007 from its current location within Blackhawk State Park (intersection of 24th Street and Blackhawk Road) and relocate it to a new location on the Rock River near 49th Avenue and 8th Street. The new location was selected in order to maximize the system's hydraulics and minimize costs. This project is part of the Long Term Control Project.

These services are being required by the US Army Corps of Engineers and the Illinois Historic Preservation Agency before they issue the necessary construction permits for this project.

Symbiont proposes to provide these engineering services at their standard hourly rates for an estimated cost of \$23,500.

Recommendation

The Public Works Department recommends that the City Council approve the Engineering Services proposal from Symbiont in the amount of \$23,500 and authorize the City Manager to execute the contract documents.

Vendor:	Symbiont	
Payment Amount:	\$23,500	
Fund:	506	Wastewater Operation & Maintenance
Department:	618	Utilities Service
Cost Center:	341	Wastewater Mill Street Plant
Object Code:	56501	Engineering Services
Project	2741	LTCP- Outfall 007 Relocation

Requisition Number: R006026

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

March 18, 2016

**RE: Archaeological Phase II Investigation
Relocation of Outfall 007 Project
Combined Sewer Overflow Long Term Control Plan
Symbiont Project No. W140447**

Dear Mr. Kane:

As part of the Relocation of Outfall 007 project, Symbiont through our subconsultant, Fever River Research, completed a Phase I Archaeological Investigation of the proposed project site. A Phase I report was submitted to the IL Historic Preservation Agency as well as to the US Army Corps of Engineers. Based on the agencies' review of this report and subsequent consultation with the identified Native American Indian tribes, the agencies are requiring a Phase II Investigation. A Phase II Investigation consists of a single backhoe trench excavation down the centerline of the project area as identified in the Phase I report.

Symbiont proposes to complete the required Phase II Investigation along with Fever River Research and Civil Constructors Inc. as an amendment to our current design contract with the City. Please see the attached letter from Fever River Research summarizing the proposed scope of work. Fever River Research will provide archaeological professionals for the field investigation, and Civil will provide a backhoe and operator for the excavation work. Basic staking and layout for the investigation will be provided by City staff.

Upon completion of the Phase II Investigation, a summary report will be drafted and submitted to both the US Army Corps of Engineers and the IL Historic Preservation Agency. Currently, the Phase II Investigation field work is scheduled for Tuesday, April 5th through Tuesday, April 7th, for a total of 3 days in the field.

We propose to complete the Phase II Investigation on a time and materials basis with an estimated fee of \$23,500. This fee assumes that the field investigation work can be completed in 3 days. Should site conditions require additional field time, additional days will be billed at \$3,500/day which includes archaeological professionals, a backhoe and operator, and over sight.

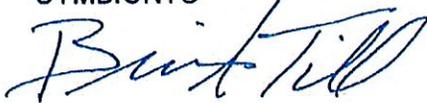
Mr. Michael J. Kane, P.E.
City of Rock Island
March 18, 2016
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Symbiont Standard Terms and Conditions of Agreement as previously executed apply to this contract amendment. Please indicate your acceptance of this contract amendment by having an authorized representative sign the attached and return a copy to Symbiont.

Please contact us if you have any questions regarding this amendment.

Sincerely,

SYMBIONT®



Brian A. Till, P.E.
Project Manager

SYMBIONT®



Patrick W. Carnahan, P.E.
Vice President

Attachments



CONTRACT CHANGE ORDER

PROJECT NAME: Relocation of Outfall 007

CHANGE ORDER NO.: 2

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.: W140447

CONTRACT FOR: Design Services

CONTRACT DATE: November 14, 2014

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

Description: Archaeological Phase II Investigation

Purpose of Change Order: Contract amendment to add archaeological phase II testing services per US Army Corps of Engineers and IL Historic Preservation Agency requirements.

Attachments: 1 Symbiont Letter Dated March 18, 2015

CHANGE IN CONTRACT PRICE:		CHANGE IN CONTRACT TIME:	
Original Contract Price	\$ 349,800.00	Original Contract Time (days or date)	n/a
Previous Change Order	\$ 168,000.00	Net Change from Previous Change Orders (days)	n/a
Contract Price Prior to this Change Order	\$ 517,800.00	Contract Time Prior to this Change Order (days or date)	n/a
Net Increase (Decrease) of this Change Order	\$ 23,500.00	Net Increase (Decrease) of this Change Order (days)	n/a
Contract Price with all Approved Change Orders	\$ 541,300.00	Contract Time with all Approved Change Orders (days or date)	n/a

CITY OF ROCK ISLAND

By: _____

Title: _____

Date: _____

SYMBIONT

By: 

Title: V. P.

Date: 3-18-16

Floyd R. Mansberger

June 5, 2015

Brian A. Till, P.E.
SYMBIONT
6737 West Washington Street
Suite 3440
Milwaukee, WI 53214

Re: Phase II Archaeological Testing
Sanitary Sewer Outfall
City of Rock Island
Rock Island, Illinois

Dear Mike:

Based on the results of the Phase I archaeological survey of the proposed right-of-way of the sanitary sewer outfall, the proposed Phase II archaeological testing of site 11RI29 will be conducted within Legs B and C (see Mansberger 2015 for details). This testing will consist of the excavation of a single backhoe trench down the centerline of the proposed right-of-way in these two areas. Minimally, the backhoe trench should be four feet wide, and excavated to a depth of slightly over three feet (and into the underlying surface identified by the Phase I survey). The objective of the backhoe trenching is to inspect the buried surface for the presence of cultural material, and the potential for subsurface features (such as pits). The location of the backhoe trench in Leg B may lie within the existing roadway, which may require coordination with the City of Rock Island. Similarly, the right-of-way will impact on the private lane located on the RiverStone property in Leg C. It is anticipated that the southern half of Leg B, and the eastern two-thirds of Leg C will be trenched. Prior to initiating the fieldwork, we will need the centerline of the proposed corridor marked (or staked). Upon completion of our fieldwork, we will backfill all the trenches. Disturbed roadbeds will be backfilled with excavated material (roadbed surfaces will not be re-installed).

We are prepared to conduct this work for the sum of \$13,750. This budget covers our labor and travel expenses for conducting the fieldwork and preparing a report for submission to the Illinois Historic Preservation Agency. This price does not include the cost of the earthmoving equipment (backhoe) and operator. We anticipate needing a backhoe (and operator) for two or three days of excavation. We may need some assistance locating a backhoe and operator. The backhoe needs to have a three-foot smooth (toothless) bucket. This budget covers one day of travel and four days of on-site fieldwork. Should subsurface features be encountered, additional fieldwork funds may be necessary to adequately document these features. If additional field days are required, they will be billable at \$1,250/day (for a three-person crew). This per-day expense covers all labor and travel expenses). Funds for curating a single box of artifacts are integrated into this cost proposal. Any additional curation needs above one box would require additional funds.

Floyd R. Mansberger

We look forward to conducting this work for you. Should you have any questions, please feel free to contact us.

Sincerely,



Floyd Mansberger