

TASK ORDER

This is Task Order No. 8 consisting of 5 pages.
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Task Order

In accordance with paragraph 1.01 of the Standard Form of Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated January 16, 2007 ("Agreement"), Owner and Engineer agree as follows:

1. Specific Project Data

- A. Title: City of Peoria - CSO Long Term Control Plan
- B. Description: Completion of services related to the refinement and negotiation of the Long Term Control Plan.

2. Services of Engineer

AMEC will complete the following services during the development of a CSO Long Term Control Plan (LTCP).

- A. Task 01 – Project Management including subcontractor/subconsultant management and preparation of required reports for U.S. EPA/IEPA, schedule updates, completed and anticipated activities and project summaries to the City.
- B. Task 02 – Public relations including conducting stakeholder meetings, neighborhood meetings and one (1) formal public hearing to solicit public input on the recommended green infrastructure opportunities and plan. This effort will also include preparing exhibits, fact sheets, and updating the portion of the Peoria web site related to CSO. AMEC will support City of Peoria staff in preparing exhibits and responding to questions as the LTCP is presented to City Council for adoption. This effort will include presentations at City Council meetings, as requested.
- C. Task 04A- A detailed financial model will be developed for the City for use in evaluating potential rate payer impacts. Model results and alternative financing scenarios will also be helpful in advancing policy discussions regarding ways to finance CSO implementation. Model results may also be used in negotiations with U. S. EPA to help document the need for an implementation schedule that is affordable to City rate payers.
- D. Task 04B- Storm water specific charges will need to be analyzed in formulation of options for the Storm Water Utility. These charges will be based in whole or part upon impervious surfaces but will also include options for incentives for green infrastructure deployment on private property. These incentives will be important to coordinate various private efforts in green infrastructure. The City will also be provided a legal review of the viability of possible ordinances; this legal review will be performed by Barnes & Thornburg.

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- E. Task 04C- Coordination with the Storm Water Utility program is required to ensure possible ordinance changes are consistent with requirements under the Long Term Control Plan. Billing plan development and implementation will need to address capital requirements to support CSO. Integrating the public messaging between CSO and the Storm Water Utility will also occur.
- F. Task 05A – A report will be prepared evaluating the exclusive use of green infrastructure to meet the design requirements for CSO abatement. This report will be provided to U. S. EPA to facilitate conclusion of negotiations for the LTCP Consent Decree. This report will detail the green infrastructure requirements for each sewer shed and become the general template for subsequent engineering analysis. Green Infrastructure (GI) Alternatives Development and Evaluation includes the technical work elements necessary to develop (GI) green infrastructure solutions and validate implementation of GI storm water management as the primary solution for CSO control.
- G. Task 05B- Based upon the results of Task 05A a detailed plan will be formulated to refine the analysis in the following areas
- a. A specific plan for flow monitoring locations where baseline and wet weather flows will be measured in order to make site specific decisions for green infrastructure deployment. Consideration will also be given to use of in system storage to take advantage of capacity within the existing sewers created by green infrastructure through the use of flow control devices. In system storage will help reduce the amount of green infrastructure needed to meet CSO control requirements.
 - b. Update to the existing sewer model developed for the LTCP, addressing smaller pipes higher in the collection system, soils, impervious characteristics and land use.
 - c. Hydraulic and hydrologic modeling plan outlining green infrastructure practices and inputs. This plan will be developed with consideration for use of the model as a possible means to document compliance to U. S. EPA during and following implementation.
 - d. Refine and recalibrate the hydrology model based upon the results of Task 05C.
 - e. Evaluate and plan a green infrastructure pilot project for demonstration purposes. This project will show case the potential for green infrastructure in Peoria to both local stakeholders and U. S. EPA.
 - f. Possible uses of Eco Machines or related innovative technologies for larger deployment in Riverfront settings such as natural parks, soccer fields, urban gardens and green ways.
- H. Task 05C- Install up to 30 flow monitoring devices in the upper reaches of the collection system to create baseline flow analysis and event based flow measurements in areas where green infrastructure will likely occur (Task 05A and Task 05B).

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- I. Task 05D- Design and construct a green infrastructure pilot project that is compatible with existing City capital projects and other private development occurring within the CSO area. This pilot project will demonstrate the City's commitment to green infrastructure in the new vision of downtown Peoria.
- J. Task 05E- Conduct analysis of results of Task 05B including potential improvements needed in GPSD regulators, use of in system storage devices and other measures to document green infrastructure success.
- K. Task 05F- Prepare a comprehensive report for U. S. EPA that incorporates the technical results of related Task05 activities as outlined in Appendix A of the draft Consent Decree dated September 26, 2014. This report will address, in addition to purely technical results, the results from public involvement and other City programs that can influence green infrastructure (pavement management). Task 05F will likely be a 2016 activity.
- L. Task10- Continued negotiation assistance in concert with legal settlement of the LTCP Consent Decree, as required the City's internal and external legal counsel.
- M. Task14- Technical review and responses to U.S. EPA's complaint for settlement including analysis of potential SEP projects to offset a portion of civil fines. Compliance schedules will be evaluated and negotiated on the City's behalf addressing features of affordability and the practical limits in green infrastructure deployment exclusive to City right-of-way.

3. **Owner's Responsibilities**

Owner shall have those responsibilities set forth in Article 2 and in Exhibit B.

4. **Times for Rendering Services**

<u>Description</u>	<u>Completion Date</u>
<u>Services of Engineer Described Above</u>	<u>June 1, 2016</u>

5. **Payments to Engineer**

A. Owner shall pay Engineer for services rendered a total compensation value as follows:

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Category of Services	Compensation Method	Estimate of Compensation for Services
Basic Services	Standard Hourly Rates	01 – Project Management - \$40,000.00 02 – Public Involvement - \$175,000.00 04 – Financial Assessment-\$285,000.00 05 – Green Infrastructure Analysis and Implementation - \$685,000.00 10 and 14 – Negotiation Support and Response – \$75,000.00
		Total Base Services - \$1,260,000.00

AMEC estimates that by 12/01/2014 approximately \$300,000.00 will remain in the existing CSO authorization. Therefore the amount required to extend services through June 1, 2016 is an additional (net) \$960,000.00.

AMEC may alter the distribution of compensation between individual phases of the work noted above to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by Owner. The terms of payment are set forth in Article 4 of the Agreement and in Exhibit C.

6. Other Modifications to Agreement: *(none)*
7. Attachments: *(none)*
8. **Documents Incorporated By Reference:** *(none)*

Terms and Conditions: Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is _____.

OWNER:

City of Peoria

By: _____

Name: Patrick Ulrich

Title: City Manager

ENGINEER:

AMEC Environment & Infrastructure, Inc.

By: _____

Name: Gregory E. Asbury

Title: Vice President

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ATTEST:

REVIEW AND APPROVED:

By: Beth Ball

By: Donald B. Leist

Name: Beth Ball

Name: Donald Leist

Title: City Clerk

Title: Corporation Counsel

By: Michael Rogers
Name: Michael Rogers

Title: Director of Public Works

By: Jane Gerdes
Name: Jane Gerdes

By: Greg Asbury
Name: Greg Asbury

Title: Civil Engineer

Title: Vice President

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