



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: City Utilities - Sewer/Stormwater

To: City Council

From: City Manager & Staff

Council Meeting Date: June 6, 2016

Re: Engineering Services Agreement – 2016 Monitoring and Regulatory Support Services for the Regional Wastewater Treatment Plant

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to execute an agreement with Geosyntec Consultants, Inc. to provide professional engineering services related to monitoring and regulatory support for the Columbia Regional Wastewater Treatment Plant. The total contract amount will not exceed \$61,300.00.

Discussion

Geosyntec Consultants, Inc. has provided flow measurement and ambient water quality monitoring in the City's constructed wetland treatment units and Eagle Bluffs Conservation area for several years. These services have been provided to characterize water quality of the City's effluent as it travels through Eagle Bluffs Conservation Area and to establish flow routing and patterns. This monitoring and assessment is being performed to document the anti-degradation requirements set forth by the Missouri Department of Natural Resources for the Columbia Regional Wastewater Treatment Plant improvement project. The services to be provided with this agreement will continue this monitoring program.

In addition to the monitoring services, Geosyntec will also provide regulatory support services for the renewal of the permit for the Columbia Regional Wastewater Treatment Plant and conduct a Recreational Use Attainability Analysis (UAA) of the river slough that Eagle Bluffs Conservation Area intermittently discharges into prior to the final discharge into the Missouri River. Recent changes in state regulations have resulted in this slough being classified with designated beneficial uses including Whole Body Contact Recreation and Secondary Contact Recreation. These classifications may require upgrades to the Columbia Regional Wastewater Treatment Plant to provide an increased level of disinfection. This UAA will be used to characterize the river slough to determine if the designate uses are attainable and if the increased disinfection will be required for the Wastewater Plant.

Geosyntec Consultants have been selected for this project in accordance with the City's Pre-Qualified Professional Consultant procurement guidelines based on their understanding of the project requirements and their experience with similar projects. The total not-to-exceed amount of \$61,300.00 is within the usual and customary guidelines for this type of project.



Fiscal Impact

Short-Term Impact: \$61,300.00 has been included in the FY2016 operating budget to provide funding for these services.

Long-Term Impact: No long-term impact anticipated.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Environment, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Environmental Management, Secondary Impact: Infrastructure, Tertiary Impact: Not Applicable

Legislative History

| Date | Action |
|------------|---|
| 03/03/2014 | Res. 34-14; Authorizing an agreement for professional engineering services with Geosyntec Consultants for ambient monitoring and assessment services of the Columbia Regional Wastewater Treatment Facility (|
| 07/17/2012 | Res. 114-12; Authorizing an agreement for professional engineering services with Geosyntec Consultants for ambient monitoring and assessment services for the Columbia Regional Wastewater Treatment Facility |
| 06/07/2011 | Res. 77-11; Authorizing an agreement for professional engineering services with Geosyntec Consultants for the ambient monitoring and assessment project for the Columbia Regional Wastewater Treatment Facility |
| 03/02/2012 | Res. 43-10; Authorizing an agreement for professional engineering services with Geosyntec Consultants for the ambient monitoring and assessment project for the Columbia Regional Wastewater Treatment Facility |



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Suggested Council Action

Authorize the City Manager to execute the agreement with Geosyntec Consultants, Inc.