

NOTICE TO ARCHITECTS, ENGINEERS, AND PLANNERS

NOTICE IS HEREBY GIVEN, that the City of Oklahoma City has a project that requires the services of a consulting firm.

In order to be considered, the Consultant must comply with the Resolution establishing procedure for "Selection of Architects, Engineers, and Planners" adopted by the City Council on November 18, 1986, a copy of which may be obtained at <http://okc.gov/departments/public-works/engineer-architect-resources/notice-to-a-e> from the office of the Public Works Department Director.

The Project is as follows: SC-1009, West Oklahoma City Wastewater Master Plan

Background: The Oklahoma City Water Utilities Trust operates a wastewater collection and treatment system that provides wastewater services within the City and some of its surrounding areas. The City of Yukon operates a wastewater collection and treatment system providing wastewater services within Yukon and its surrounding areas. The West Oklahoma City Basin, between NW 36th Street and SW 59th Street from Gregory Road to Cemetery and within Oklahoma City's incorporated area, does not currently have service. Due to the proximity of this area to Yukon and that the West Oklahoma City Basin also drains to the North Canadian River, Oklahoma City and Yukon have executed Memorandum of Understanding for interim wastewater solutions for and to determine long-term wastewater infrastructure requirements to service the area and to find the most economically beneficial option for Oklahoma City and Yukon.

Project Scope: This project will provide a master plan for collection and treatment of wastewater in this area of Oklahoma City. The masterplan will include: planning scenarios for build-out conditions, alternative scenarios for wastewater treatment plants, develop collection system scenarios, and financial analyses for each municipality plus potential funding paradigms and payback options for the development community.

Additional information and map can be found on <http://okc.gov/departments/public-works/engineer-architect-resources/notice-to-a-e>.


As a part of your Letter of Interest, provide your understanding of the project and your expertise and experience on similar projects.

Refer to the basic contract located on <http://okc.gov/departments/public-works/engineer-architect-resources/notice-to-a-e>. All contracts with the City or its related Trusts use this contract. Please review the contract to ensure insurance and indemnity requirements will be met.

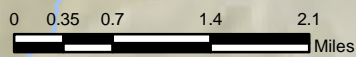
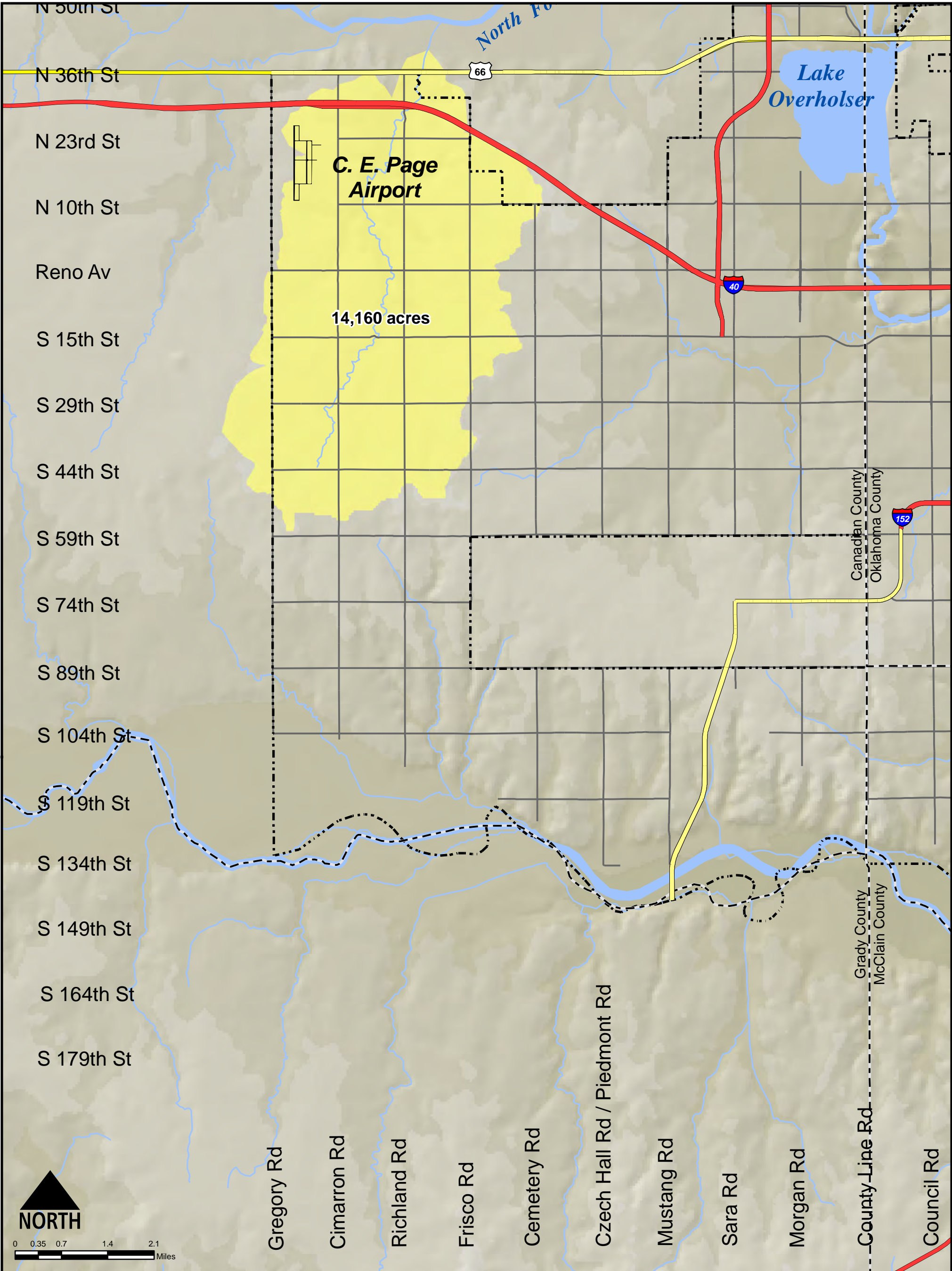
A Pre-letter of Interest meeting will be held at 4:00 p.m. September 28, 2017, at 420 W. Main Street, Suite 500. Please discuss your questions at the meeting. The contact for Utilities Department is Bryan Mitchell at (405) 297-3811.

Please include a 254 Form with your Letter of Interest.

Time Schedule for the above project: Draft Master Plans required within two hundred seventy (270) days and Final Master Plans and Specifications in three hundred sixty-five (365) days of the issuance of the Work Order. Last date for submitting Letter of Interest **(two copies of letter and all attachments and an electronic copy, provided on a CD or flash drive)** to the Public Works Department Director, 420 W. Main Street, Suite 700, Oklahoma City, OK 73102: prior to 5:00 p.m. October 12, 2017. Emailed submittals are not being accepted at this time.



Eric J. Wenger, P.E., Director
Public Works/City Engineer



Canadian River Basins

 North Tributary

Wastewater Alternatives



The City of
OKLAHOMA CITY

Project: SC-1009, Northwest Oklahoma City Drainage Basin Wastewater Master Plan

Background:

The Oklahoma City Water Utilities Trust operates transmission, distribution, and treatment system that provide water services within the City and some of its surrounding areas. The City of Yukon operates a wastewater collection and treatment system providing wastewater services within Yukon and its surrounding areas. An area bounded by xxxx on the north, xxxx on the east, xxxx on the south and xxxx on the west has water service provided by Oklahoma City however, only Yukon can service the wastewater system. OCWUT and Yukon have signed a Memorandum of Understanding outlining the interim service conditions allowing for development to occur in this area and to accommodate long-term utility solutions. solutions.

Project Intent: OCWUT proposes to have an engineer complete a wastewater study and recommend a wastewater master plan for the West OKC Drainage Basin and additional basins in southwest Oklahoma City for the purpose of determining the best options for wastewater collection and treatment. OCWUT will include a representative of Yukon as part of the selection committee and contract negotiation team for the engineering services to perform the wastewater study and to develop the West OKC Drainage Basin Wastewater Master Plan. OCWUT will provide copies of the wastewater study and wastewater master plan recommended by the engineer to Yukon. The scope of work for the West OKC Drainage Basin and other drainage basins will include at a minimum the following:

- 1) Review Planning Scenarios for Build-Out Conditions
 - a. Ultimate Build-Out Conditions
 - b. 5, 10, 20 and 50-Year Development Horizons

- 2) Evaluate Wastewater Treatment Scenarios
 - a. Partnership with Yukon Using Existing Yukon WWTP.
 - b. Partnership with Yukon Using Expanded/Modified Yukon WWTP
 - c. Partnership with Yukon on New Joint WWTP
 - d. New Oklahoma City WWTP
 - e. Scenarios include the following analysis:
 - 1) Evaluation of existing infrastructure and hydraulic and treatment capacities
 - 2) Evaluation of receiving stream assimilative capacities
 - 3) Determination of required infrastructure or improvements for anticipated demands for various time horizons
 - 4) Analysis of proposed treatment options in relation to permitted discharge capacity
 - 5) Wet weather evaluations

- 6) For new facilities, proposed locations for best service to the respective basins
- 3) Develop Collection System Alternatives
 - a. Ultimate Build-Out Conditions
 - b. 20-Year Interim Infrastructure
 - c. Analysis for all scenarios to include
 - (1) Rough alignments with sizes
 - (2) Interimsizing
 - (3) Solutions for the various treatment options unless feasibility has
- 4) Financial Analyses
 - f. Determine operating and capital costs for current conditions for existing facilities and for proposed options
 - g. Determine estimated debt service for existing facilities and for proposed options
 - h. Provide nominal cash flows over 30 years for the individual cost components
 - i. Provide net present value for the nominal cash flow to current
- 5) Non-Economic Evaluation
 - (2) Develop non-economic factors for evaluation through workshop with stakeholders
 - (3) Evaluate non-economic factors for proposed options