

ATTACHMENT E

Scope of Work

Project Description

The project is identified as the Chadwick Flyer Trail Phase 3 Railroad Track Purchase and Removal project. The project is located on property owned by City Utilities of Springfield, MO (CU) near the James River Power Station at 5701 S Kissick Ave, Springfield, MO. The railroad tracks material must be removed from the project sight prior to construction of the Chadwick Flyer Trail Phase 3 in early 2023. Engineer for both this project and the future trail construction project is Crawford, Murphy, & Tilly, with offices located at 1631 West Elfindale, Springfield, MO 65807 (Engineer).

The rail removal project will begin just northeast of where the rail line crosses Kissick Avenue (N: 464810.28, E: 1419565.41) and ends at a point approximately 1.5 miles southwest along the rail line (N: 458612.39, E: 1414727.71). See attached project plans. The railroad track section within this scope of work contains approximately 32,082 linear feet of 100 pound rail as designated on plans.

Work Items

Work Item 1: Removal of Railroad Rails and Ties

- a. Remove/Dismantle any existing railroad materials, including rails and ties, as well as incidental rail materials such as switches, join bars, bolts, tie plates, spikes, and other miscellaneous railroad materials within the designated areas as shown on the plans. All incidental rail materials shall be removed from the project area.
- b. Contractor shall ***only*** remove railroad materials within the designated areas as shown on the plans.
- c. Contractor shall not remove rail materials within existing pavement crossings at Crenshaw Road near the James River Power Station or Kissick Avenue. If any damage occurs to the pavement crossings, the contractor will be responsible for repairing them at no cost to the OTO.
- d. Contractor shall not remove any ballast material from railbed.
- e. Locations of the rail and tie removals vary from single track to double track and multiple tracks.
- f. Contractor shall remove the railroad rail, ties, and other incidental items in such a manner as to minimize affects to the existing railbed and surrounding features.
- g. Contractor will take special care to keep all equipment and employees used to remove the railroad materials, as well as all removed railroad materials and debris on top of the existing railbed.
- h. Contractor shall provide proposed entry points for accessing the railbed with equipment of transportation vehicles. City Utilities of Springfield, MO will review Contractor proposals and must provide approval of entry points prior to Contractor entering the property.
- i. Contractor will take special care to not damage the existing railbed slopes throughout the project area.
- j. Contractor will take special care to not allow equipment, workers or debris/materials of any kind to enter the floodplain between stations as designated on the plans.

Work Item 2: Salvaging Steel Railroad Materials

- a. Upon removal of the steel railroad material (rails and incidental railroad materials) from the

- sight, the Contractor retains ownership.
- b. OTO recognizes that all steel railroad materials (rails and incidental railroad materials) have significant value that the Contractor may recoup by salvaging the materials. As such, the contractor will credit (negative bid price) the project in the bid with a salvage value.
 - c. It is the Contractor's responsibility to dispose of any materials not salvaged.

Work Item 3: Railroad Tie Waste Disposal

- a. Upon removal of the railroad ties and tie debris, the Contractor retains ownership.
- b. The Contractor has the discretion to keep some or all railroad ties and tie debris or dispose of the it at a permitted solid waste and construction/demolition landfill.
- c. If disposing of ties and debris at a permitted solid waste and construction/demolition landfill, the Contractor will provide all necessary information for the disposal of solid wastes and construction wastes to the appropriate landfill operator, including any required testing of materials and completion of forms required by the MoDNR.

Work Item 4: Linear Grading of Rail Bed

- a. This work shall consist of clean-up and restoration of the disturbed railbed where rail removal work occurred within the designated areas shown on the plans.
- b. Contractor shall grade the railbed in areas where removal of rail materials occurred to smooth and level the surface to the satisfaction of the OTO PM.
- c. No ballast shall be removed or added as part of this work item.