Pre-Bid Meeting Summary

Non-Mandatory Pre-Bid Meeting:    Tuesday, September 23, 2014 at 10:00 A.M. Murray Public Works Building, 200 Andrus Drive, Murray, KY

Meeting Summary:
- A sign-in sheet was distributed to all attendees. See attached scanned sign-in sheet.
- All attendees introduced themselves and their company.
- A brief project overview was outlined as below:
  o Rehabilitation of the existing 2400 gpm East Fork Clarks River Pump Station and converting the existing pump station to a wet weather pump station.
  o Construction of a new 2500 gpm Dry Weather Pump Station adjacent to existing pump station. The new station includes:
    ▪ mechanical bar screen
    ▪ manual bar screen
    ▪ three submersible wastewater pumps
    ▪ valve vault
    ▪ two magmeter vaults
    ▪ replacement of a portion of existing force main
    ▪ 300 LF of 30” DI gravity interceptor
    ▪ two concrete diversion structures
    ▪ 3700 LF of 16” PVC force main with combination air/vacuum valves, road bore and jack, stream crossings, drive crossings, etc.
- The following special provisions were noted:
  o The existing pump station shall maintain continuous operation during construction until the new pump station is fully tested and in operation. Contractor shall sequence work to avoid downtime of the existing pump station.
  o Contractor shall apply for a KPDES general permit for stormwater discharge. The Notice of Intent for Stormwater Discharges associated with Construction Activities (NOI-SWCA) and Stormwater Pollution Prevention Plan (SWPP) shall be prepared 7 days before beginning construction and copies shall be given to GRW and the City (project coordinator and stormwater manager). Note that the City of Murray
Stormwater Manager is active and may visit the site to inspect Contractor’s EPSC measures. It is the Contractor’s responsibility to monitor and maintain all EPSC measures.

- Documentation required to be submitted with all change order proposals is outlined in the Special Provisions section of the specifications. Documentation shall include:
  - supplier quotes or invoices
  - labor hours, rates and cost totals
  - vehicle and equipment hours, rates and cost totals
  - quantities of expendable materials and supplies (fuel, oil) with cost totals
  - overhead and profit not to exceed 15%
  - spreadsheet detailing/summarizing all required information

- Each contractor and sub-contractor shall purchase a City business license for their companies and City stickers for each vehicle used on the project.

- Specification section 013216 Progress Schedules addresses procedures for the determination of a time extension for unusually severe weather. Conditions of this section must be met for the Owner to award a time extension. Conditions include:
  - unusually severe weather
  - unusually severe weather must cause a delay to the completion of the project
  - Contractor’s progress schedule must reflect the anticipated adverse weather delays given in the Progress Schedules spec section
  - Contractor must maintain daily records of adverse weather delay days and resultant impact to normally scheduled work.

- The following environmental permits have been obtained for this project:
  - US Army Corps of Engineers Nationwide Permit #12 for Utility Line Activities
  - Kentucky General Water Quality Certification (WQC) for Nationwide Permit #12
  - Kentucky Division of Water Construction Permit
  - As part of the Army Corps permit, the City is required to mitigate adverse effects to existing wetlands. Contractor shall limit areas of disturbance in the wetland areas as shown on the drawings.
- City entered into an Indiana Bat Conservation Memorandum of Agreement (MOA) with the US Fish and Wildlife for adverse effects to the Indiana Bat during construction.
  - Equipment signals shall be transferred to new City of Murray WWTP SCADA system (pump status, mechanical bar screen status, magmeter flow, etc.).
- The asphalt millings to be used on the new access drive shall be provided by the Owner but shall be loaded, hauled and placed by the Contractor. Millings shall be hauled from the City of Murray WWTP to the project site. The WWTP is approximately 2.8 miles from the East Fork Clarks River Pump Station site.
- The project bid schedule was discussed. The bid schedule has unit price items for PVC force main and associated items (bore and jack, combination air/vacuum valves, drive crossings, etc.) and lump sum price for existing pump station rehabilitation and new pump station work (wet well, valve vault, diversion structures, gravity interceptor, etc.).
- A Questionnaire for Electrical Subcontractor form is included in the Contractor’s bid packet. This form shall be completed by the electrical subcontractor to be used on the project in addition to the general contractor’s questionnaire and both forms shall be included with the Contractor’s bid documents.
- Addendum No.1 was discussed which stated that test results for the first floor ceiling indicated that the ceiling contains asbestos and test results of the existing paint on the existing pump discharge piping in the lower level indicated the paint is lead based paint.
- The City commented that a wastewater operator makes daily visits to the pump station site to check pump station status.
- Questions received:
  1. **Q:** How can removed trees be disposed of?
     **A:** Existing trees removed for construction shall be either completely removed from the project site and properly disposed of or burned on site. Burning of removed trees at the project site will be allowed if the proper permit is secured from the Murray Fire Department. The location of the burning must be safe and away from other combustible materials. The location of the burning must be approved by the Murray Fire Department and the City of Murray Public Works Department. Only trees may be burned. No pipe, manholes or other construction debris may be burned. All debris left from tree burning (ashes, remaining unburned wood, etc.) must be removed from the project site and properly disposed of at a suitable facility in compliance with all applicable local, state and federal laws and regulations.
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<tr>
<th>Name</th>
<th>Company</th>
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<tr>
<td>Keith Smith</td>
<td>Codee Construction</td>
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<td>Kyle Lofton</td>
<td>Moff Electric</td>
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<td>Kevin Hoggard</td>
<td>R.L. Persons Const.</td>
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<td>Bob Persons</td>
<td>Robertson Inc.</td>
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<td>Randy Persons</td>
<td>R.L. Persons Const.</td>
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<td>Jeff Embry</td>
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<td>Joe Finlay</td>
<td>Twin States</td>
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<td>Chris Adams</td>
<td>Twin States Utilities</td>
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<td>J.L. Barnett</td>
<td>City of Murray</td>
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<td>Dale Seago</td>
<td>Braco Electric Construct</td>
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<td>Chris Higgins</td>
<td>Bottling Electric</td>
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<td>Todd Solomon</td>
<td>GRW Engineers</td>
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<td>Shane Knight</td>
<td>City of Murray</td>
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<td>Adolph Haney</td>
<td>GRW</td>
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