



# Steere Farm Well Engines Replacement Project RFP No. 898

Pre-Proposal  
Meeting  
November 6, 2014

# Agenda

- Project Objectives
- Background
- Highlights of Other Project Components
- Proposal Requirements
- Q&A/Site Visit

# Primary Project Objectives

- Design, Bidding and Construction Phase Services
- Replacing the three (3) engine drives
- Design of additional miscellaneous improvements

# Background Information

- Three (3) engine drives
- Located at Steere Farm in Pittsfield Township
- South side of AA Airport
- Well Houses 25W, 21W and 41
- No electrical service
- 200 HP Caterpillar engines
- Natural gas driven
- Right angle drives
- 2,500 gpm Layne well pumps



# Work Plan Components

- A. Study Phase
  - ◆ Kick off Meeting/Workshop with Plant Staff
    - ◆ Finalize list of desired improvements
  - ◆ Investigate replacement of engine drives
    - ◆ Capable of operating on both gas and electric
    - ◆ Facilitate presentations of 3-5 manufacturers
  - ◆ Investigate the infrastructure improvements to bring electrical service to the well houses
  - ◆ Coordinate with utility companies
    - ◆ Size of service, available capacity, time lines, etc.
  - ◆ Investigate telecom to/from the WTP
    - ◆ Evaluate potential use of existing City fiber network

# Work Plan Components

- A. Study Phase (continued)
  - ◆ Related Efforts
    - ◆ Assess condition of well houses and present possible improvements
      - Select architectural improvements
      - Select painting
      - Possible addition of soft starts
      - Maintenance and safety improvements
    - ◆ Evaluate remaining life expectancy of well pumps
      - Prepare pros/cons to replace pumps/motors as part of this project
  - ◆ Refer to RFP for additional details

# Possible Improvements

## Insulation Replacement



# Well Pump, piping and related equipment





# Seal Building Penetrations



# Maintenance and Safety Improvements



# Corrosion Protection and Coatings



# Ventilation Improvements



# Work Plan Components

- B. Bidding and Construction Phases
  - ◆ Refer to RFP for details
  - ◆ Bid Phase Assistance
  - ◆ Construction Administration
  - ◆ Construction Observation
  - ◆ O&M Guidelines and Training
    - ◆ Prepare O&M Manuals
    - ◆ Conduct 3 training sessions

# Assumptions

- Identify all assumptions in proposal that could impact fee
  - ◆ Example: Resident Engineer LOE
- Include in proposal a table that identifies LOE for City staff by Task
- Identify any resources or tasks that Consultant expects from City

# Proposal Requirements/Evaluation

- Organize proposal by Sections A - F outlined in Section 3 of the RFP
- Complete Contract Compliance, Living Wage and Conflict of Interest Forms and submit with Proposal
- 40 pages total (20 sheets double sided including resumes but not including required forms)
- Submit original plus 4 copies (include RFP number on envelope)
- Proposal will be evaluated by the criteria identified in Section 3 of the RFP
- Fees submitted in separate sealed envelope

# Timeline of Events

- Proposals due to Procurement Unit (c/o Customer Service Department 1st floor, City Hall) by 2 PM, November 25, 2014
- Interviews will be used at the discretion of the City – Tentatively Scheduled in December 2014
- Notice of Award anticipated March 2015
- Notice to Proceed anticipated approx April 2015
- Detailed proposed schedule from Proposers



# ? Questions and Answers ?

Questions that arise during proposal period will be handled as follows:

- Ask today after this presentation
- Email to: [gwiczorek@a2gov.org](mailto:gwiczorek@a2gov.org)
- Questions due before November 18, 2014 by 5:00pm