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FAYETTEVILLE PUBLIC WORKS COMMISSION  
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## TREATMENT OPTIMIZATION USING AI AND MACHINE LEARNING TOOLS

Pre-Submittal Conference

September 24, 2024, 10:00pm

Cross Creek Water Reclamation Facility Classroom

### Agenda:

1. Welcome and Introductions
2. Project Overview
  - a. evaluate the current water treatment and water reclamation processes and develop a strategy to utilize historical and online instrumentation data to employ Artificial Intelligence and Machine Learning Models to assist with optimizing treatment operations for PWC's Water Resources Division. Review, evaluate, and update the current state processes; recommend and execute AI/Machine Learning pilot program(s) to optimize the use of current workforce and data; develop a road map for short-term and long-term data collection, management, integration, and reporting using AI/Machine Learning tools, identify resource needs (e.g., equipment, staffing, technology, funding).
3. Proposal Items
  - i. Questions due by 5:00 p.m., Friday, September 27, 2024
  - ii. Submit in writing to Shelby Lesane, Procurement Advisor
  - b. Proposals are due by 5:00 p.m., Friday, October 11, 2024
  - c. Proposals shall not exceed **Twenty (20) pages**
  - d. Expected Schedule
    - i. Notice to Proceed expected December 2024  
18 month contract term.
  - e. Focus on qualifications and experience with similar scope and size.
4. Questions
5. Adjourn

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# FAYETTEVILLE PUBLIC WORKS COMMISSION

MANDATORY Pre-Submittal Meeting PWC2425023

Treatment Optimization Using AI and Machine Learning Tools  
 Tuesday, September 24, 2024 @ 10:00 am

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Treatment Optimization Using AI and Machine Learning Tools

Tuesday, September 24, 2024 @ 10:00 am

PRINT NAME	COMPANY	PHONE NO.	E-MAIL ADDRESS
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