Nine Springs Liquid Processing Improvements-Phase I
Review Bid and Award Construction Contract
Liquid Processing Improvements

- Effectively manage future peak flows
  - Prevent in-plant overflows
  - Improve peak flow treatment
  - Minimize process disruption during peak flow events
- Improve liquid processing reliability
  - Replace or rehabilitate critical infrastructure
Hydraulic and Process Improvements

- Improvements to existing plant to better utilize hydraulic capacity and enhance peak flow process performance
  - Biological Contact Process
  - West Plant Mixed Liquor Channels
  - RAS control and measurement
  - Effluent Diversion Structure
  - Lagoon Pumping Station
Reliability Improvements

- Replace or rehabilitate critical treatment plant infrastructure
  - UV Disinfection
  - Electrical Substations
  - Process Control System
  - East Blower Controls
  - Primary Influent Pipe Lining
  - Primary Clarifiers 1 & 2
Advertising

- Advertised in early October
  - Wisconsin State Journal, Quest CDN
    - 3 Plan Distribution Networks and Regional Trade Journal
    - Direct Solicitation
- One pre-qualified prime bidder
  - C.D. Smith
- Two pre-qualified mechanical subcontractors
  - J. F. Ahern, and August Winter
- Three pre-qualified electrical subcontractors
  - Forward Electric, Pieper Power, and Precision Drive Control
Bid Results

• Bid accepted on Thursday, October 31

• Only one Bid received:
  - Prime Bidder:
    C. D. Smith Construction $12,895,000
  - Mechanical Subcontractor:
    J. F. Ahern
  - Electrical Subcontractor:
    Forward Electric
# CIP Budget and Current Estimates

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<thead>
<tr>
<th></th>
<th>Budget Estimate</th>
<th>Current Estimate</th>
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<tbody>
<tr>
<td>Construction Contract Cost</td>
<td>$13,371,500</td>
<td>$12,895,000</td>
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<tr>
<td>Change Order &amp; General Contingency</td>
<td>$668,500</td>
<td>$645,000</td>
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<tr>
<td>Professional Services (D&amp;C)</td>
<td>$1,914,000</td>
<td>$1,938,000</td>
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<td>MMSD Staff Time (D&amp;C)</td>
<td>$834,000</td>
<td>$1,056,000</td>
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<tr>
<td>Total Project Estimate</td>
<td>$16,788,000</td>
<td>$16,534,000</td>
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C. D. Smith Construction

- Is qualified to perform the work
- Is financially stable
- Has equipment and experience to complete the project
- Has performed very well on past MMSD projects (11th Addition, Pump Station 18, and the Maintenance Facility)
- Included the necessary documentation with their bid (bid bond, addenda acknowledgement, DBE solicitation, etc.)
Recommendation and Next Steps

- Award the contract to the C. D. Smith Construction, Inc.
- Construction to begin in early 2020
- Complete in 2021
Questions?