Study Session Review

- Many pieces of energy equipment are nearing end of useful life
- Infrastructure replacement or change only cost effective at end of useful life
- Now is the time to develop an energy management plan
2020 Energy Management Master Plan

Project purpose & goals:

• Advance district outcomes policies
• Outline a pathway for infrastructure replacement
• Identify opportunities to reduce costs, conserve resources, reduce operational footprint
• Utilize established frameworks that seek continuous improvement
• Add value to rate payers
The plan will consider how to:

- Improve reliability and resiliency of energy sources and equipment
- Reduce greenhouse gas emissions
- Implement acceptable cost solutions
- Increase energy efficiency/reduce demand
- Increase renewable energy generation
2020 Energy Management Master Plan

• **Scope of work:**
  - Update energy baseline study
  - Forecast future energy needs
  - Identify and prioritize aging infrastructure concerns
  - Develop comprehensive list of alternatives
  - Evaluate opportunities for synergy
  - Recommend projects for CIP
  - Identify funding opportunities
Advertising & Review Process

• Qualifications requested (May)
  – Contacted 28 consulting firms & advertised on project solicitation website
• Four teams submitted, all deemed qualified (Jul)
• Proposals reviewed & interviews conducted (Oct)
• Six staff on selection committee

Selection criteria:
• Approach and vision
• Key technical issues
• Strengths of team
• Interview
• Hours and pricing
Proposal Results

• Four proposals reviewed

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<tr>
<th>Firm</th>
<th>Proposal Amount</th>
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<tbody>
<tr>
<td>HGA</td>
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<tr>
<td>Black &amp; Veatch</td>
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<tr>
<td>McKinstry Essention</td>
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<tr>
<td>Carollo Engineers</td>
<td>$485,385</td>
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• Carollo Engineers selected
Why Carollo?

- Carollo proposal had the best value
- Team has local, regional, and national expertise
- Comprehensive technical description
- Understanding of district’s capital planning process
Why Carollo?

• Bring advanced scenario evaluation tools
• Team understands current district situation
• Team is results and detail focused
Next Steps

- Jan 2020 – Project begins
- Sept 2021 – Project complete
- Beyond – begin facility planning and design
Recommendation

• Award professional services contract to Carollo Engineers per the Resolution
Thank you!