Business Item 2019-324 SW: Empire Wastewater Treatment Plant Solids Phase I and Miscellaneous Improvements

Heidi M. Hutter, Senior Engineer, Plant Engineering, Technical Services

Environment Committee: November 12, 2019
## Background

### Capacity Growth

<table>
<thead>
<tr>
<th>Year</th>
<th>Capacity (MGD)</th>
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<tbody>
<tr>
<td>1979</td>
<td>6</td>
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<tr>
<td>1992</td>
<td>9</td>
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<tr>
<td>1999</td>
<td>12</td>
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<tr>
<td>2005</td>
<td>24</td>
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2005 - Solids Processing Capacity Expansion was Deferred

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2013 Solids Facility Plan Adopted
## Council Approved Facility Plan Project Elements

### Biosolids Pad Improvements
- Increase Biosolids Storage Capacity
- Increase Stormwater Infiltration

### Partial Biogas Treatment
- Energy Efficiency Improvements
- Future Renewable Energy Generation

### Boiler System Renewal
- Asset Renewal through Capital Investment
- Energy Efficiency Improvements
### Additional Plant Needs

#### Road Replacement
- Asset Renewal through Capital Investment

#### High Strength Waste Receiving
- Wastewater Sustainability and IPIP
- Future Energy Efficiency Improvements
- Future Renewable Energy Generation

#### Electrical Improvements
- Asset Renewal through Capital Investment
- Minimize Impacts by Reducing Risk to Maintenance Workers
Bid Summary

• Engineer’s Estimate $21,413,451
• Disadvantaged Business Enterprise (DBE) Goal 13%
• Three Bids Received on October 3, 2019
  – Rice Lake Construction Group $23,745,060.00
  – Shank Constructors $24,693,840.46
  – Corval Group $28,528,321.04
• Office of Equal Opportunity (OEO) reviewed and passed the apparent low bidders good faith efforts to meet the DBE participation goal
Proposed Action

That the Metropolitan Council authorize its Regional Administrator to award and execute a construction contract for the Empire Wastewater Treatment Plant Solids Phase I and Miscellaneous Improvements, MCES Project Numbers 807400, 807415, 807825, 807826, Contract No. 19P155, with Rice Lake Construction Group, for an amount not to exceed $23,745,060.00.
Questions

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