ARBOR COURT PRESSURE REGULATING STATION REPLACEMENT PROJECT

City Council
December 11, 2018

Jimmy Tan, P.E.
Public Works Director
Recommendation

- **Adopt Resolution:**
  - Approving design
  - Authorizing the City Manager to execute a construction contract with Casey Construction, Inc. for the Arbor Court Pressure Regulating Station Replacement Project in the amount of $369,060
  - Approving a construction contingency of $56,000
  - Appropriating $146,000 from the Water Fund, and
  - Approving a total budget in the amount of $546,060
Pressure Regulating Station

- San Bruno’s water distribution system has 28 pressure regulating stations
- Each pressure regulating station is equipped with pressure regulating valves that regulate the water from higher-pressure zones into lower-pressure zones
- Reliable water system that prevents sudden spikes or drops in pressure.
Pressure Regulating Station Location

- Existing Pressure Regulating Station
- Proposed Red Curb
- New Pressure Regulating Station
Contractor Selection

- Advertised October 24, 2018
- Opened bids on November 14, 2018

<table>
<thead>
<tr>
<th>No.</th>
<th>Contractor</th>
<th>Bid Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Casey Construction, Inc.</td>
<td>$369,060</td>
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<tr>
<td>2.</td>
<td>West Valley Construction</td>
<td>$409,935</td>
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<td>3.</td>
<td>Kilford Engineering, Inc.</td>
<td>$537,750</td>
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<tr>
<td>4.</td>
<td>Devaney Engineering, Inc.</td>
<td>$629,875</td>
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<tr>
<td></td>
<td>Engineer’s Estimate</td>
<td>$425,750</td>
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</tbody>
</table>
Pressure Regulating Station
Pressure Regulating Station
Fiscal Impact

• Total Estimated Project Cost

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design (in-house, surveying and electrical consultant)</td>
<td>$80,000</td>
</tr>
<tr>
<td>PG&amp;E (new service connection cost)</td>
<td>$4,000</td>
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<tr>
<td>Construction Contract (Casey Construction, Inc.)</td>
<td>$369,060</td>
</tr>
<tr>
<td>Construction Contingency (15%)</td>
<td>$56,000</td>
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<tr>
<td>Staff management/Inspection (10%)</td>
<td>$37,000</td>
</tr>
<tr>
<td><strong>Estimated Total Project Cost</strong></td>
<td><strong>$546,060</strong></td>
</tr>
</tbody>
</table>
Alternatives

1. Reject all bids and direct staff to re-advertise the project. However, the lowest bid is under the engineering estimate for this project and this action will delay replacement of the pressure regulating station.

2. Do not award the construction contract, do not complete the project, and research alternative methods to address replacement of pressure regulating station.
Staff’s Recommendation

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