Santa Ana Watershed Project Authority

Inland Empire Brine Line
On-Call Pipe Cleaning Services
Pre-Proposal Meeting
April 15, 2020
Brine Line On-Call Pipe Cleaning Services

Agenda

- Introductions
- Project Description
- Overview of RFP
  - General Proposal Requirements
  - Technical and Cost Proposal
  - Proposal Evaluation Criteria
- Scope of Work
  - Pipe Cleaning Requirements and Material Disposal
  - Submittals
  - Permitting
  - Reaches proposed for cleaning and schedule restrictions
## Brine Line On-Call Pipe Cleaning Services

<table>
<thead>
<tr>
<th>SIPHONS</th>
<th>Length (ft)</th>
<th>Diameter (in)</th>
<th>Traffic Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino/Pine</td>
<td>151</td>
<td>24</td>
<td>NO</td>
</tr>
<tr>
<td>Temescal</td>
<td>178</td>
<td>18</td>
<td>NO</td>
</tr>
<tr>
<td>Galena</td>
<td>70</td>
<td>39</td>
<td>YES</td>
</tr>
<tr>
<td>Felspar</td>
<td>217</td>
<td>39</td>
<td>YES</td>
</tr>
<tr>
<td>Brookhollow</td>
<td>63</td>
<td>39</td>
<td>YES</td>
</tr>
<tr>
<td>Bain (Cantú-Galleano)</td>
<td>294</td>
<td>39</td>
<td>YES</td>
</tr>
<tr>
<td>Bellegrave</td>
<td>197</td>
<td>42</td>
<td>YES</td>
</tr>
<tr>
<td>Schelisman</td>
<td>402</td>
<td>42</td>
<td>YES</td>
</tr>
<tr>
<td>Bonview</td>
<td>42</td>
<td>42</td>
<td>YES</td>
</tr>
<tr>
<td>Euclid</td>
<td>621</td>
<td>42</td>
<td>YES</td>
</tr>
<tr>
<td>La Cadena</td>
<td>380</td>
<td>36</td>
<td>NO</td>
</tr>
<tr>
<td>Warm Springs</td>
<td>377</td>
<td>36</td>
<td>NO</td>
</tr>
</tbody>
</table>
## Line Cleaning - Effort

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Cleaning Large Diameter – Normal</td>
<td>160 hours</td>
</tr>
<tr>
<td>Line Cleaning – Emergency (2 hr response time)</td>
<td>20 hours</td>
</tr>
<tr>
<td>Line Cleaning Small Diameter</td>
<td>160 hours</td>
</tr>
<tr>
<td>Water truck (2,000 gallon minimum)</td>
<td>340 hours</td>
</tr>
<tr>
<td>CCTV (in support of line cleaning)</td>
<td>20 hours</td>
</tr>
<tr>
<td>Traffic control plans</td>
<td>4 units</td>
</tr>
<tr>
<td>Traffic control – light (1/2 day)</td>
<td>4 units</td>
</tr>
<tr>
<td>Traffic control – heavy (1/2 day)</td>
<td>4 units</td>
</tr>
<tr>
<td>Traffic control – light (full day)</td>
<td>20 units</td>
</tr>
<tr>
<td>Traffic control – heavy (full day)</td>
<td>4 units</td>
</tr>
<tr>
<td>Caltrans permit</td>
<td>2 units</td>
</tr>
</tbody>
</table>
Brine Line On-Call Pipe Cleaning Services
Proposal Requirements

- Due: May 6, 2020 (2:00 pm)
- Questions due: April 14, 2020 (12:00 pm)
- Original plus three (3) copies, including PDF version, if mailed
- Scanned PDF and e-mailed
- Due to COVID-19, no hand-delivered proposals
- Proposal contents
  - Letter of offer, technical proposal
  - Cost proposal (separate sealed envelope, or file)
Brine Line On-Call Pipe Cleaning Services
Letter of Offer

- Name, qualifying licenses, certifications, information
- Relationship with subcontractors
- Contact person
- Statement of valid proposal for 90 days
- Signature of authorized person
Brine Line On-Call Pipe Cleaning Services
Technical Proposal

- Qualifications, experience, references
  - Firm profile
  - Financial condition
  - Experience
  - List of subcontractors
  - Minimum of 3 references
  - Equipment
  - Compliance and training
Brine Line On-Call Pipe Cleaning Services
Technical Proposal

- Staffing and project organization
  - Education, experience, credentials
  - Identify key personnel and subcontractors
  - Organizational chart
  - Statement regarding key personnel available during duration of the project
Brine Line On-Call Pipe Cleaning Services
Technical Proposal

- **Work Plan**
  - Approach for proposed siphons
  - Outline of activities and identify who will perform them
  - Quality control, schedule, and budget control

- **Exceptions / Deviations**
  - Technical
  - Contractual

- **Appendices**
Brine Line On-Call Pipe Cleaning Services
Cost Proposal

- Cost Proposal includes:
  - Cost proposal form
  - Non-collusion affidavit
  - Acknowledgement of insurance requirements
  - Acknowledgement of addenda (if any)
Brine Line On-Call Pipe Cleaning Services
Proposal Evaluation Criteria

- Qualifications, including available equipment and experience
- Staffing and project organization
- Work plan
- Cost
- Completeness of response
Brine Line On-Call Pipe Cleaning Services

Cleaning Equipment

- Combination of high-velocity hydro cleaning and vacuum removal equipment
  - Capable of performing under surcharged conditions
  - 1,000 feet of 1-inch Ø diameter hose
  - 2,000 psi at 100 gpm
  - Selection of high-velocity nozzles
- One 2,000 gallon water truck at a minimum
Brine Line On-Call Pipe Cleaning Services
Pipe Cleaning

- Water from closest available hydrant
- Contractor shall make arrangements to obtain meters and equipment
Brine Line On-Call Pipe Cleaning Services
Material Disposal

- Contractor shall be responsible for the removal of debris from cleaning. Passing material from MH section to MH section shall not be permitted.
- Debris deposited in water-tight dewatering roll-off bins or standard roll-off bins, as directed by Owner.
- Owner will provide at least 1 designated area for staging dewatering bins and dewatering back to Brine Line.
- Owner will provide preparation of MH for draining.
- Contractor shall not modify any MH.
Colton Wastewater Treatment Plant

Draining MAS

Staging Area

Colton WWTP
1201 S. Rancho Drive,
Colton, CA
Staging Area - Corona

- Staging Area
- Harrison Street
- Corona WRF #2
- Arlington Channel

Note: Brine Line MAS and Brine Line are indicated on the map.
Brine Line On-Call Pipe Cleaning Services Submittals

- **Pre-cleaning**
  - Including Spill Response Plan

- **Traffic control plans**
  - Prepare and submit to SAWPA

- **Quarterly report**
  - Siphons cleaned, including time, length etc.
  - Sonar scans showing siphons were cleaned properly
  - Weight tickets
  - Type of solids collected (include photographs)
Brine Line On-Call Pipe Cleaning Services
Traffic Control / Permits

- SAWPA will obtain permits from the appropriate agencies (Riverside County, City of Chino, Caltrans, Riverside County Flood Control and Water Conservation District). Caltrans may require a double permit, in which case the Contractor shall pull a permit.

- Contractor shall prepare traffic control plans and submit to SAWPA, as requested; in addition, the Contractor shall provide traffic control during pipe cleaning, if requested by SAWPA.
Brine Line On-Call Pipe Cleaning Services
Schedule / Timing Restrictions

- Work in Caltrans right-of-way is limited between the hours of 9:30 am and 3:30 pm, unless indicated otherwise in the City issued permit.

- Work in the City of Chino is limited between the hours of 8:30 am and 3:30 pm, unless indicated otherwise in the City issued permit.
In addition to siphon cleaning, SAWPA will require:

- On-call pipe cleaning services for other parts of the system, various materials/diameters
- Pipe cleaning services during emergencies REQUIRE a 2-hour response time
Questions?

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