



## Redwood Marine Terminal Berth II Recovery Boiler Removal

### *Request for Proposals*

Request for Proposals Release Date: August 4, 2017

Proposals Due: September 8, 2017

Email Proposals to: Jack Crider,  
Executive Director,  
[jcrider@humboldtby.org](mailto:jcrider@humboldtby.org)

For RFP questions and updates email:  
George Williamson,  
[districtplanner@humboldtby.org](mailto:districtplanner@humboldtby.org)

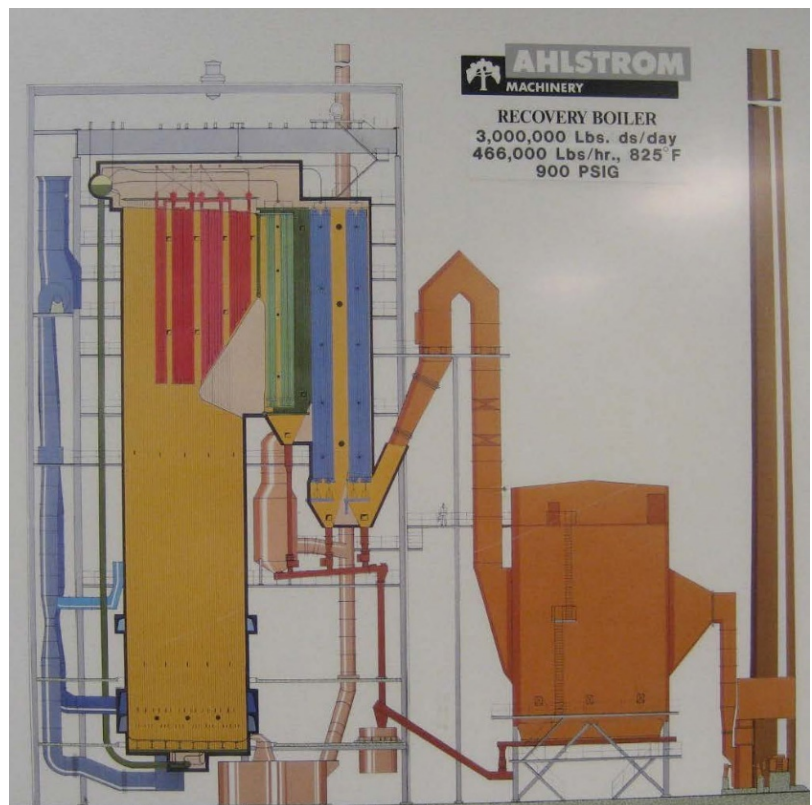
#### Invitation for Proposals

The Humboldt Bay Harbor, Recreation & Conservation District (District) is requesting proposals to disassemble, and remove the Ahlstrom single drum chemical recovery boiler from the Boiler Building at Redwood Marine Terminal II (RMT II) on the Samoa Peninsula.

The boiler was formerly owned and operated by Louisiana Pacific Corporation, Evergreen Pulp Corporation, and Freshwater Tissue Company.

RMT II is now owned by the District. Plans for reuse of the boiler building require recovery boiler removal. This Request for Proposal (RFP) seeks a qualified company to disassemble, and remove the recovery boiler from inside the building, while leaving the building's structural integrity intact.

The site and its structures and equipment are now under the ownership of the District. The District's primary goal is to have the boiler removed and clear the area for future development. The recovery boiler equipment is summarized in the following table.



## Equipment Description

Item	Description/ Specifications
Drum	Single drum, low odor configuration, 4 sections of superheat, economizer, three level air system, lower furnace composite tubes.
Dimensions	Furnace floor: 31'-2" by 30'-5.6" (945 sq. ft.) Furnace Volume: 134'-6" height (122,340 cu. Ft.)
Auxiliary Fuel	6 – Liquid natural gas start up burners 2 – Liquid natural gas load burners rated 50% MCR, Allen Bradley BMS
Fans	Primary air - Buffalo Forge; Secondary air – Buffalo Forge; Tertiary air – Buffalo Forge, DC Variable speed drives (note: upgraded 1998 with DNCG gases.
Process control	Foxboro I/A Control (updated 2008)
Dissolving Tank	Carbon steel 28'Dia. by 11.5'Ht.
Dissolving Stack Scrubber	Packed Bed Scrubber; Amerair Venturi Scrubber 2007
Feedwater Pumps	All pumps are by Ahlstrom. (Note: All liquor pumps in basement floor area have been removed.
Heat Exchanges	All exchangers by Ahlstrom including indirect and direct black liquor heaters
Deaerator and feedwater tank	Cochrane Environmental Systems, horizontal counter flow rated 75PSIG
De mineralizers	Di-Sep System, Two (2) Cations rated 450gpm, service cycle of 648,000gal, Three (3) anions rated 225gpm, service cycle of 648,000gal
Air compressor	1500cfm, 100 PSI Korbelco rotary screw, KNW2-H/H

## Scope of Work

### Task 1 Ahlstrom Recovery Boiler disassembly and Removal

Prepare a recovery boiler disassembly and removal from the building plan. Describe how disassembly and removal can be accomplished, while protecting the structural integrity of the building for future use. Provide a time table upon which the work will be completed and set a fixed price for the completion of all services outlined and detailed.

### Task 2 Hazardous Materials Abatement and Management

The facilities and equipment contain EPA regulated hazardous materials. Describe how hazardous materials will be handled during disassembly. Proposals shall specifically address abatement, demolition, transport and disposal of such materials. Contractors responsible for this specific scope of work shall be identified. Submit contractor(s) qualifications which provide a demonstrated ability to safely complete the work through the following criteria:

- Statement of technical abilities in handling hazardous materials

- Specialized practices and equip.
- Applicable licensure, certifications and Insurance certificates
- Demonstrated financial capability to address the project

All remediation, abatement, and demolition related activities should be outlined in the proposal. Materials shall be managed for this agreement in such a manner that eliminates discharge of material into the air, soil, storm drain systems, or watercourses.

Implement the practices described in this section when managing the following hazardous materials. Based on information from boiler specifications, hazardous materials include but are not limited to:

- |                   |  |
|-------------------|--|
| • Acids           | • Solvents   |
| • Asbestos        | • Curing Compounds                                     |
| • Pulping Liquors | • Feedwater, salt-cake and other processing chemicals. |
| • Lime            | • Detergents   |
| • Glues           | • Petroleum Products including: Fuel, Oils, and Grease |
| • Adhesives       |  |
| • Paints          |  |

Provide an accurate inventory of such materials identified and stored at the site. All employees shall be trained in emergency spill cleanup procedures and shall be present when hazardous materials or chemicals are handled. The Awardee shall comply with all Federal, State, and Local laws regarding storage, handling, transportation, and disposal of hazardous wastes.

**Task 3 Staging**

An adjacent staging area will be provided by the District where all boiler parts will be placed upon removal. Label and inventory all known parts. Provide the District information about how the maximum value can be obtained by salvaging these parts, through aftermarkets and/or repurposing. District may then designate an off-site storage facility for Boiler parts.

\*All available equipment and facilities documents, operations, and maintenance manuals, plans, specifications, and notes are located on-site and will be made available to interested parties during the site/ document review period.

**Proposal Submission Requirements**

1. Proposer business name, and contact information.
2. Qualifications including names, titles and contact information of key staff that would interact with the District and specifically, manager qualifications and resume with successful experience examples for this type project including hazardous materials abatement and management.
3. Names of subcontractors (if any), and portion of the project each will complete.
4. List and describe three reference projects/customers with similar services which your company provided. Please include implementation dates of referenced projects (include name, email and phone number of reference for each example).

5. Cost estimate for services.
  - a. Cost for environmental remediation.
  - b. Cost for boiler removal.
6. Project Scope (how proposer would complete scope described above or offer alternatives) and schedule (including time from authorization to completion).
7. Site requirements including power demand, amount of structural support needed for facilities, additional space below roof and security.
8. Proof of: California State Contractor License & Commercial and Auto Liability Insurance

### **Proposal Selection Process and Criteria**

The following criteria will be used to evaluate proposals:

- Proposed services costs and timeline to complete the project
- Qualifications to successfully conduct the project
- Relevant experience

### **Proposal Submittal**

Submittals accepted until 5:00PM Friday, September 8, 2017 by email to [jcrider@humboldt看.org](mailto:jcrider@humboldt看.org). An electronic submittal is required. In addition, a hard copy proposal may also be delivered to the District Office (postmarks not accepted) at 601 Startare Drive Eureka, CA 95501.

### **Site Visit**

Interested parties are responsible to inspect the site, facilities, and equipment to satisfy themselves as to all general, local, and specific conditions that may affect the cost of performance. In no event will a failure to inspect the site, facilities, or equipment constitute grounds for withdrawal of a proposal after opening, or constitute grounds for a claim, warranty of otherwise, after the execution of the agreement. Please contact the District office 707-443-0801 for a site visit.

### **Other Information and Disclaimers**

- 1) The Standard District Contract is available online at <http://humboldt看.org/>
- 2) Direct Harbor District facilities questions to Jack Crider: [jcrider@humboldt看.org](mailto:jcrider@humboldt看.org).
- 3) The District may request additional information.
- 4) The District reserves the right not to award any work.

### **Award**

The district reserves the right to reject any and all proposals and/or waive and informality in any proposal received and/or determine at its discretion the responsibility of and interested Party, and which proposal is most advantageous to the District. Proposals will be discussed by the District Board of Commissioners in a regularly scheduled public meeting.

**Attachment:** Pulp Mill Parcel A Site Map



HUMBOLDT

*Pacific Ocean*

Arcata

*Humboldt Bay*

Redwood Marine Terminal II

Eureka

0 0.5 1 Miles



PLANWEST PARTNERS, INC.