

Date: February 24, 2011



**City of Portland, Oregon**

**RFI No. 112750**

**REQUEST FOR INFORMATION AND PARTICIPATION  
FOR  
Fireboat Design and Engineering**

**RESPONSES DUE: April 8, 2011 at 2:00 pm**

**Submit two (2) sets of informational  
materials to:**

Celeste King  
Bureau of Purchases  
1120 SW Fifth Avenue, Room 750  
Portland, Oregon 97204

**Refer questions to:**

Celeste King, Procurement Supervisor  
Bureau of Purchases  
Phone: (503) 823-4044  
Fax: (503) 823-6865  
email: celeste.king@portlandoregon.gov

# PART I

## RFI REQUIREMENTS

### SECTION A GENERAL INFORMATION

**1. INTRODUCTION:** Portland Fire & Rescue (PF&R) is seeking information from qualified aluminum vessel/fireboat manufacturers to work closely with PF&R to design and engineer a fireboat approximately 50 feet (50.00') long and 16 (16.00') feet wide. PF&R will rely heavily on this engineering and design in the development of specifications for a fireboat which in turn will form the basis for a Request for Proposal for two or three fireboats that will replace PF&R's current front-line fireboats. The Fireboat design and engineering must include:

- A. All aspects of the fireboat including hull, deck, machinery, electrical, pump, and plumbing.
- B. The integration of PF&R's normal vessel specifications in design of the fireboat.
- C. Assistance in writing technical specifications including alternatives that is common in the industry.

**Project Objectives:** The primary objectives of the fireboat project are for the respondent to:

- A. Work closely with PF&R utilizing the aluminum vessel/fireboat manufacturer's full spectrum of marine engineers to design and engineer a fireboat.
- B. Provide a drawing of the fireboat.
- C. Work closely with PF&R to develop technical specifications for the fireboat.

**Responsibility for Results:** This RFI will not result in any contract with PF&R nor will PF&R compensate the respondent for services rendered. However, PF&R may select the respondent to meet the requirements contained in the eventual Request for Proposal (RFP) associated with the project and subsequent contract. PF&R is interested in respondents who demonstrate confidence in their ability to perform by agreeing to provide:

- A. Documentation demonstrating that the respondent will provide fireboat engineering and design services.
- B. A minimum of five references (name of agency, city, state, and number of custom aluminum vessels/fireboats) that the manufacturer built and delivered in the past three (3) years.

**Key Requirements:** The fireboat must meet or exceed the requirements and standards of the National Fire Protection Association Standard on Marine Fire Fighting Vessels (NFPA 1925), American Boating and Yacht Council, American Bureau of Shipping, American National Standards Institute, American Welding Society, and the International Maritime Organization,. Additional specific requirements of the project are outlined in Section B of this RFI.

**2. BACKGROUND:** PF&R currently has two fast response fireboats, one large platform fireboat, and two fast-response rescue boats. PF&R has a response area of 70 river miles on both the Columbia and Willamette rivers. As a signatory to the Maritime Fire Safety Association, PF&R has the responsibility to respond approximately 140 miles from Bonneville Dam to the mouth of the Columbia River. PF&R's fireboats and rescue boats respond to over 300 emergency aid calls a year from boaters in distress, dive responses, ship and boat fires, debris removal, high water conditions, bridge jumpers, and mutual aid calls. PF&R fireboats and rescue boats respond 24 hours a day, seven days a week in all weather and sea conditions.

**User Community and Physical Location:** PF&R, with an annual budget of approximately \$91 million, is the largest fire service agency in Oregon, has approximately 755 employees, and responds to approximately 66,000 emergencies a year. PF&R provides emergency services to more than 550,000 citizens and protects about 150 square miles operating out of 30 fire stations with three shifts providing 24-hour coverage and each shift consisting of 30 fire engine companies, nine truck companies, one heavy rescue company, one medic-type rescue squad, and five emergency response chief officers. PF&R also cross staffs one hazardous materials apparatus, one mobile command center, two fireboats, two rescue boats, two CBRNE heavy rescues, and various support and auxiliary apparatus.

**3. SCOPE OF INFORMATION AND PARTICIPATION:** The City of Portland, is seeking information from aluminum vessel/fireboat manufacturers (respondents) with demonstrated experience in engineering and manufacturing a fireboat.

The Respondent will have to:

- A. Respond in a timely manner and work closely with PF&R in the design of a fireboat.

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- B. Provide all engineering relevant to the design/development of a fireboat.
- C. Provide a drawing of a fireboat.
- D. Assist in the writing of the specifications for a Fireboat.

The respondent will not receive compensation for assisting PF&R.

**Project Phases:** The project is expected to be implemented in four phases:

- A. Phase I (this phase) – Development of and response to this RFI.
- B. Phase II – Identify the selected respondent.
- C. Phase III – Work closely with the selected respondent to design and engineer a fireboat.
- D. Phase IV – Work closely with the selected respondent to write the specifications for a fireboat.

**Project Goals:** The principal goals of the project are to:

- A. Design and engineer a fireboat.
- B. Write specifications for a fireboat.

**RFI INVITATION:** This document constitutes an invitation for sealed responses for publicly requested information under Portland City Code Chapter 5.33 and for the respondents to participate in a selection process. This RFI is issued by the City of Portland, Bureau of Purchases on behalf of Portland Fire & Rescue for the requirements and provisions as stated herein.

### SECTION B REQUIREMENTS

Portland Fire & Rescue is interested in working with an aluminum vessel/fireboat manufacturer to engineer and design an aluminum fireboat with the following characteristics:

- The vessel manufacturer shall be a major manufacturer of aluminum vessels with experience in building at least one (1) custom fireboat as demonstrated by being able to provide references that demonstrate their ability to build custom aluminum vessels/fireboats.
- The fireboat shall be aluminum, 50 feet (50.00') long with a beam of 16 feet (16.00'). The entire vessel shall be manufactured by the same vessel manufacturer to avoid any potential split liability.
- The vessel shall be powered by twin or triple Detroit Diesel S60, 14 liter, 825HP, electronically-controlled engines.
- The vessel, shall be equipped with a generator system capable of supplying 15-20kw either standard diesel engine-controlled or inverter-controlled.
- The vessel shall be able to reach speeds of 35 to 40+ knots.
- The vessel shall have the ability to pump between 6,000 to 9,000+ gallons per minute.
- The vessel shall be equipped with jet drives with reverse gears for back flush and electronic controls.
- The vessel shall be equipped with the ability to supply both onboard remote-controlled water monitors and supply land companies with a water supply.
- The vessel shall have sufficient on-deck storage for all firefighting equipment.
- The vessel shall utilize an integrated electronic trim tab anti-roll system.
- The vessel shall be built with a maximum draft of five feet (5.00').
- The vessel should be able to respond to emergencies in sea state 7.

### SECTION C EVALUATION AND TIMELINE

1. **PF&R EVALUATION OF FIREBOAT RFI PROPOSALS:** PF&R may provide up to two hours per respondent to this RFI along with the room and seating to review the respondent's documents and listen to any information the respondent wishes to impart about how the respondent will work with PF&R to (a) respond in a timely manner and work closely with PF&R in the design of a fireboat, (b) provide all engineering relevant to the design/development of a fireboat, (c) provide a drawing of the fireboat, and (d) assist in the writing of the specifications for the fireboat. PF&R may also question the respondent as necessary to determine their potential conformance with the requirements specified within this RFI. PF&R's Harbor Pilot Tim VonSeggern is the project manager who will contact each respondent, schedule, and oversee the presentation of information and interview of each respondent, and provide support to each respondent to this RFI as needed.

2. **PLACE OF EVALUATION:** **Portland Fire & Rescue Logistics**  
**1035 S.E. Powell Boulevard**

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Portland, Oregon 97202

3. **PROPOSED SCHEDULE:** The following schedule is provided for this Request for Information (RFI); any future Request for Proposal and subsequent evaluation will follow the City's established competitive selection process.

The City will make an effort to quickly process applications and inform applicants of the completeness of their application.

DATE:	Action
February 24, 2011	RFI Posted
April 8, 2011	Deadline for Application and Submittal of responses

## PART II RESPONSE DEVELOPMENT

### SECTION A RFI CLARIFICATION

1. **RFI CLARIFICATION AND QUESTIONS:** It shall be the respondent's responsibility to ask questions, request changes or clarifications, or otherwise advise the City of Portland, Bureau of Purchases if any language, specifications or requirements of this RFI appear to be ambiguous or contradictory. Every attempt shall be made to ensure that the respondent receives an adequate and prompt response. However, all respondents will be advised, via the issuance of an addendum to the RFI, of any relevant or pertinent information related to the RFI. For clarity sake, questions and requests for clarification regarding this RFI must be directed in writing, via email or fax, to the person listed below at least ten (10) calendar days prior to the RFI closing. Therefore, respondents are advised that any questions received less than ten (10) calendar days prior to the information due date may not be answered.

Celeste King, CPPB  
Bureau of Purchases  
1120 SW Fifth Avenue, Room 750 Phone: (503) 823-4044  
Portland, Oregon 97204 Fax: (503) 823-6865  
[celeste.king@portlandoregon.gov](mailto:celeste.king@portlandoregon.gov)

If, in the opinion of the Chief Procurement Officer, additional information or interpretation is needed by the respondents, an addendum will be issued. Any addendum or addenda issued by the Chief Procurement Officer, that may include changes, corrections, additions, interpretations, clarifications, or information, and issued seventy-two (72) hours or more before the scheduled closing time for submitting the information and participating in the event, Saturday, Sunday, and legal holidays not included, shall be binding upon the respondent. The City shall supply copies of such addenda to all respondents who have obtained copies and are on the plan holder list of the RFI documents for the purpose of responding thereon, but failure of the respondent to receive or obtain such addenda shall not excuse the respondent from compliance therewith.

Oral instructions or information concerning the request for information and participation given out by bureau or office managers, employees or agents to prospective respondents shall not bind the City. Any changes or revisions to the specifications shall only be binding if issued in writing by the City by addendum. The City reserves the right to officially amend or cancel an RFI after issuance.

2. **COST OF RESPONDING:** This Request for Information and Participation does not commit the City to pay any costs incurred by any respondent in the submission of any information, for attendance at the fireboat RFI evaluation, nor for providing for the items to be furnished under this RFI.

3. **CHANGES TO THIS RFI:** The City reserves the right to modify, revise or cancel this RFI. Receipt of information or any clarifications or communications by City personnel or the vendor's involvement in the fireboat RFI evaluation does not obligate the City to award a contract.

4. **MINOR IRREGULARITIES:** The Chief Procurement Officer has the authority to waive minor irregularities and discrepancies that will not affect the competitiveness or fairness of the solicitation and participation in the fireboat RFI evaluation.

5. **DIVERSITY IN EMPLOYMENT AND CONTRACTING REQUIREMENTS:** The City of Portland seeks to extend contracting opportunities to Minority Business Enterprises, Women Business Enterprises and Emerging Small Businesses (M/W/ESBs) in order to promote their economic growth and to provide additional competition for City contracts. No goal is set

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for the use of M/WBE firms, but the City is committed to ensuring that such firms receive opportunities and equal consideration to be awarded City contracts.

### SECTION B RFI SUBMISSION

**1. INVESTIGATION:** The Respondent shall make all investigations necessary to inform itself regarding the work or services to be furnished under this Request for Information and Participation.

**2. SPECIFIC INFORMATION REQUESTED:** The primary purpose of this RFI is to determine the willingness of respondents to (a) respond in a timely manner and work closely with PF&R in the design of a fireboat, (b) provide all engineering relevant to the design/development of a fireboat, (c) provide a drawing of a fireboat, and (d) assist in writing the specifications for a fireboat. This will be done by reviewing the written information and by active participation during the presentation of information and interview with the respondent.

The only written documents required are (a) a short cover letter of interest including acknowledgement of no compensation; (b) a document stating that the vessel manufacturer (respondent) will provide engineering and design services for a fireboat as described herein and (b) a list of five (5) references (name of the fire agency, city, state, and number of custom aluminum vessels/fireboats) that the respondent built and delivered in the past three (3) years. Two (2) copies of each document are required.

**3. RESPONSES DUE:** By submitting a response to this Request for Information and Participation, the respondent understands that it constitutes acceptance of and consent to the intent of this RFI and that the respondent's information may or may not be used by the City for the purposes identified herein. The respondent's informational packages must be received in this office no later than the date shown on the cover of this solicitation. The outside of the envelope shall plainly identify the subject of the response, the RFI number and the name and address of the respondent. Responses received after time or date listed herein will not be considered, a designated place at the vessel evaluation will not be made available, and the response will be returned to the Respondent.

**4. ENVIRONMENTALLY PREFERABLE PROCUREMENT:** In accordance with the City's Sustainable City Principles and the City's Sustainable Procurement Policy, it is the policy of the City of Portland to encourage the use of products or services that help to minimize the human health and environmental impacts of City operations. Therefore, respondents are encouraged to incorporate environmentally preferable products or services into their responses wherever possible. "Environmentally preferable" means products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service. To view the above City policies go to [www.portlandonline.com](http://www.portlandonline.com) and navigate to "Charter, Code & Policies Documents".

**5. SUBMITTAL OF INFORMATION:** Responses must be clear and succinct. For purposes of review and in the interest of the City's Sustainable Paper Use Policy and sustainable business practices in general, the City encourages the use of submittal materials (i.e. paper, dividers, binders, brochures, etc.) that contain post-consumer recycled content and are readily recyclable. The City discourages the use of materials that cannot be readily recycled such as PVC (vinyl) binders, spiral bindings, and plastic or glossy covers or dividers. Firms are encouraged to print/copy on both sides of a single sheet of paper wherever applicable (if sheets are printed on both sides, it is considered to be two pages). Color is acceptable, but content should not be lost by black-and-white printing or copying.

Each response shall include a letter of transmittal that identifies the submitting organization, its point of contact and contact information (phone, mailing address, email address). Written responses shall be printed double-sided on 8½" x 11" paper (larger hardcopy is permissible for charts, diagrams, spreadsheets, etc.). Pages shall be numbered and responses organized in a sequence that matches this RFI.

All information, submittals, materials, and addendum attachments will become part of the public file on this matter, without obligation to the City.

**6. OWNERSHIP OF MATERIALS:** All data, information, submittals, materials, and documentation originated and submitted to the City of Portland pursuant to this RFI, shall belong exclusively to the City of Portland and be subject to public inspection in accordance with the State of Oregon Public Records law.

**7. UNSOLICITED INFORMATION:** Unsolicited information addressing any or all aspects of the RFI, or any similar project, will not be accepted and will be returned to sender.

**8. SUBMISSION OF INFORMATION:** For purposes of this submission, two sets of documents are required. The entire response must be received at the place and on or before the time and date specified on the first page of this document.

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**9. CONFLICT OF INTEREST:** A respondent submitting a response thereby certifies that no officer, agent or employee of the City who has a pecuniary interest in this RFI, has not participated in its development, that the RFI response is made in good faith, and that the respondent is providing the information solely in its own behalf without connection with, or obligation to, any undisclosed person or firm. A respondent's participation or non-participation shall in no way have an impact on future solicitations of this type.

**10. CHANGES TO THIS RFI:** The City reserves the right to modify, revise or cancel this RFI. Receipt and evaluation of responses does not obligate the City to award a contract.

### **SECTION C RFI SUBMITTAL PROCESS**

**1. RESPONSE FORMAT AND ORGANIZATION:** Responses must follow the format outlined in this RFI. Respondents shall submit two (2) sets of responses to this RFI. Responses that consist solely of marketing materials shall be considered non-responses and will be discarded. Additional materials in other formats may not be considered. Each response to this RFI shall be organized in the following manner and include, as a minimum, all items in the following sequence:

- A. Short cover letter of interest including acknowledgement of no compensation.
- B. Document demonstrating that the vessel manufacturer of the respondent will provide engineering and design services.
- C. A list of five (5) references for vessels/fireboats that the manufacturer built and delivered in the past three (3) years (name of agency, city, state, and number of custom aluminum vessels/fireboat).

**1.A COVER LETTER:** The cover letter should be short statement of the scope of the project as the respondent understands it and the level of participation the respondent is willing to provide. It should also include acknowledgement of no compensation. By submitting a response to this Request for Information and Participation, the respondent understands that it constitutes acceptance of and consent to the intent of this RFI and that the respondent's information may or may not be used by the City for the purposes identified herein.

**1.B ENGINEERING AND DESIGN DOCUMENT:** This shall be a document from someone representing the vessel manufacturer of the respondent with the authority to commit vessel manufacturer resources. The document shall state that the vessel manufacturer will provide engineering and design services and should state the level of resources the vessel manufacturer is willing to commit.

**1.C VESSEL/FIREBOAT REFERENCES:** Provide a list of five (5) references for aluminum vessels/fireboats that the manufacturer built and delivered in the past three (3) years. The list shall include the name of fire agency, city, state, and number of custom vessels/fireboats delivered.

**2. WITHDRAWAL, MODIFICATION OR ALTERATION OF RESPONSES:** Prior to the RFI closing, changes may be made provided the change is initialed by the respondent or authorized agent. Also, a response may be withdrawn upon written request of the respondent prior to the scheduled closing time for accepting responses. Negligence on the part of the respondent in preparing their response confers no right to withdraw their response after the scheduled closing time for filing the RFI.

**3. CONFIDENTIALITY:** All information submitted by respondents shall be public record and subject to disclosure pursuant to the Oregon Public Records Act (ORS 192.410 et seq.), except such portions of the submitted materials and qualifications for which respondent requests exception from disclosure consistent with Oregon Law. Any portion of a response that the respondent claims constitutes a "trade secret" or is "confidential" must meet the requirements of ORS 192.501(2) and ORS 192.502(4). Generally, no trade or confidential should be provided as part of this RFI.

If a request to inspect the responses is made, the City will notify the respondent of the request. If the City refuses to release the records, the respondent agrees to provide information sufficient to sustain its position to the District Attorney of Multnomah County, who currently considers such appeals. If the District Attorney orders that the records be disclosed, the City will notify the respondent in order for the respondent to take all appropriate legal action. The respondent further agrees to hold harmless, defend, and indemnify the City for all costs, expenses, and attorney fees that may be imposed on the City as a result of appealing any decision regarding the respondent's records.

**4. CLARIFYING RESPONSES DURING REVIEW PERIOD:** Following receipt of all responses is the review period for the City. During that time, the City has the right to obtain any clarification it needs in order to understand the respondent's information, clarify the view and approach to the fireboat project.

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- 5. CANCELLATION:** The City of Portland reserves the right to modify, revise or cancel this RFI. Neither the receipt of submitted information or participation in the fireboat RFI process will obligate the City in any way.
- 6. LATE RESPONSES:** Responses received after the scheduled closing time for filing will not be accepted, a designated place at the presentation of information and interview with the respondent will not be made available, and the information will be returned to the Respondent.
- 7. REJECTION OF RESPONSES:** The City reserves the right to reject any or all responses to the Request for Information and Participation if found in the City's best interest to do so.