

Ordinance No. 121773

Council Bill No. 115/85

AN ORDINANCE relating to the Seattle Fire Code; as adopted by Chapter 22.060.020 of the Seattle Municipal Code; adding thereto a new Chapter 94 to the 2003 Seattle Fire Code to establish fire and life safety requirements and compliance procedures for marinas with existing covered boat moorage; all as regulated and allowed by the State Building Code Act, Chapter 19.27 of the Revised Code of Washington.

CF No. _____

Date Introduced:	FEB 22 2005		
Date 1st Referred:	FEB 22 2005	To: (committee) Public Safety, Civil Rights & Arts	
Date Re - Referred:		To: (committee)	
Date Re - Referred:		To: (committee)	
Date of Final Passage:	4-11-05	Full Council Vote: 8-0	
Date Presented to Mayor:	4-12-05	Date Approved: 4/18/05	
Date Returned to City Clerk:	4/19/05	Date Published: 18 p.p.	T.O. F.T. <input checked="" type="checkbox"/>
Date Vetoed by Mayor:		Date Veto Published:	
Date Passed Over Veto:		Veto Sustained:	

The City of Seattle - Legislative Department

Council Bill/Ordinance sponsored by: LICATA

Councilmember

pass as amended

Committee Action:

4/15/05 NL, PS, DD pass as amended (LH)

4-11-05 Passed 8-0 (Excused: Steen)

This file is complete and ready for presentation to Full Council. Committee: _____ (initial/date)

Law Department

Law Dept. Review OMP Review City Clerk Review Electronic Copy Loaded Indexed

ORDINANCE 121773

AN ORDINANCE relating to the Seattle Fire Code; as adopted by Chapter 22.060.020 of the Seattle Municipal Code; adding thereto a new Chapter 94 to the 2003 Seattle Fire Code to establish fire and life safety requirements and compliance procedures for marinas with existing covered boat moorage; all as regulated and allowed by the State Building Code Act, Chapter 19.27 of the Revised Code of Washington.

WHEREAS, fires in covered boat moorage in the City of Seattle have resulted in more than \$18,000,000 loss in property since 1999, and;

WHEREAS, fires in covered boat moorage present a significant risk to life, property and the environment, and;

WHEREAS, marina owners and related stakeholder groups have participated in the development of this legislation and indicated their concurrence with its requirements, NOW,
THEREFORE,

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. The 2003 Seattle Fire Code, as adopted by Chapter 22.060.020 of the Seattle Municipal Code, is amended by adding thereto a new Chapter 94 to read as follows:

Chapter 94 - Fire Protection for Covered Boat Moorage

SECTION 9401 – GENERAL

9401.1 Scope. This Chapter shall apply to covered portions of all marinas with covered boat moorage in existence at the time of its adoption.

Exceptions:

1. Approved designated facilities and shipyards in accordance with Administrative Rule 26.02.04 *Designated Hot Work Facilities and Shipyards*,
2. Boathouses.

9401.2 Intent. This Chapter is intended to promote the health, safety and welfare of life and property from fire at covered boat moorage.

9401.3 Modifications. The retroactive requirements of this chapter shall be permitted to be modified if their application clearly would be impractical for economic or physical reasons in the judgment of the fire code official, and only where it is clearly evident that a reasonable degree of safety is provided.

9401.4 Signage. Conspicuous signage shall be located at the fire apparatus access road termination point and the shore end of piers, wharves and floats. Signage shall indicate the address, directions and maps when required by the fire code official. For those structures that are designed to support vehicles, signage shall indicate the weight limit. Numbers and letters shall be easily legible and have high contrast with the color of the sign background. Numbers and letters shall not be less than 5 inches (127 mm) in height and shall have a minimum stroke of 0.5 inches (12.7 mm).

1 **9401.5 Smoking Restrictions.** Smoking shall be prohibited in all areas where fuels and other
2 flammable and combustible liquids and gases are stored or dispensed, in battery rooms, and in
3 other such locations as management or the fire code official shall designate. "No Smoking" signs
4 shall be conspicuously posted.
5

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7 **9401.6 Transmittal of Fire Emergency.** All marinas and boatyards shall have a means to notify
8 the fire department rapidly in the event of an emergency. If a telephone is used for this purpose, it
9 shall be available for use at all times and shall not require the use of a coin. The street address of
10 the facility and the emergency telephone number(s) shall be displayed prominently on a sign at
11 the telephone.
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13
14 **9401.7 Labeling electrical shutoffs.** Electrical transformers, control panels, and breaker panels
15 shall be readily accessible, clearly labeled and indicate the areas they service. See also SFC
16 605.3.
17

18
19 **9401.8 Fire extinguishers.** One portable fire extinguisher having a minimum rating of 2A 20-
20 BC shall be provided within 75 feet (22,860 mm) of all portions of piers, wharves, and floats, or
21 at each required hose station. Additional fire extinguishers, suitable for the hazards involved,
22 shall be provided and maintained in accordance with SFC 906 and NFPA Standard 10.
23

9402 – DEFINITIONS

9402.1 Definitions. The following words and terms shall, for the purposes of this chapter, have the meanings shown herein.

BERTH is the water space to be occupied by a boat or other vessel alongside or between bulkheads, piers, piles, fixed and floating docks, or any similar access structure. (See also definition for Slip.)

BOATHOUSE is an independently floating structure designed to be moored to a main float system to enclose and protect a vessel or vessels. A boathouse is capable of being moved on water, but is typically moored to a float system for long periods of time.

COVERED BOAT MOORAGE is a pier or system of floating or fixed accessways to which vessels on water may be secured and is covered by a roof.

DRAFT CURTAIN. A structure arranged to limit the spread of smoke and heat along the underside of the ceiling or roof.

1 **FIRE PARTITION** is a vertical assembly of materials designed to restrict the spread of fire in
2 which openings are protected.

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4 **FLOAT** is a floating structure normally used as a point of transfer for passengers and goods, or
5 both, for mooring purposes.
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8 **GRAVITY-OPERATED DROP OUT VENTS.** Automatic smoke and heat vents containing
9 heat-sensitive glazing designed to shrink and drop out of the vent opening when exposed to fire.
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11 **MARINA** is any portion of the ocean or inland water, either naturally or artificially protected, for
12 the mooring, servicing or safety of vessels and shall include artificially protected works, the
13 public or private lands ashore, and structures or facilities provided within the enclosed body of
14 water and ashore for the mooring or servicing of vessels or the servicing of their crews or
15 passengers.
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19 **MARINE MOTOR FUEL-DISPENSING FACILITY.** That portion of property where
20 flammable or combustible liquids or gases used as fuel for watercraft are stored and dispensed
21 from fixed equipment on shore, piers, wharves, floats or barges into the fuel tanks of watercraft
22 and shall include all other facilities used in connection therewith.
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1 **PIER** is a structure, usually of greater length than width, of timber, stone, concrete or other
2 material, having a deck and projecting from the shore into waters so that vessels may be moored
3 alongside for loading, unloading, storage, repairs or commercial uses.
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6 **SHIPYARD** is a pier, wharf, or series of piers and wharves and related onshore facilities,
7 designated by the fire code official, which by virtue of the pier construction, location, emergency
8 vehicle access, fire protection, hydrant availability and onsite safety personnel in accordance with
9 Seattle Fire Department Administrative Rule 26.02.02, *Designated Hot Work Facilities and*
10 *Shipyards* is suitable to permit repairs, including major conversions, on marine vessels of any
11 length.
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14 **SLIP** is a berthing space between or adjacent to piers, wharves, or docks; the water areas
15 associated with boat moorage. (See also definition for Berth.)
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18 **VESSEL** is watercraft of any type, other than seaplanes on the water, used or capable of being
19 used as a means of transportation.
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21 **WHARF OR QUAY** is a structure of timber, stone, concrete or other material having a platform
22 built along and parallel to waters so that vessels may be moored alongside for loading, unloading,
23 storage, repairs or commercial uses.
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9403 - PLANS AND APPROVALS

9403.1 Plans. Plans for marina fire-protection shall be approved prior to installation. The work shall be subject to final inspection and approval after installation.

9404 - ACCESS AND WATER SUPPLY

9404.1 Fire apparatus access roads. Fire apparatus access roads shall be provided and so located as to provide fire department apparatus access to within 150 feet (45,720 mm) travel distance to the shore end of all marina piers, wharves, and floats. Fire apparatus access roads shall be in accordance with Appendix D of the 2003 Seattle Fire Code.

Exception: When approved by the fire code official, a Class I standpipe system may be installed on piers, wharves, or floats when conditions are such that providing fire department access lanes to within 150 feet (45,720 mm) to the shore end of the piers, wharves, and floats is not practical. Additional standpipe requirements are found in SFC 9405.1.

9404.2 Premises access. The fire department shall have access to fenced, gated, or locked grounds, piers, wharves or floats. Appropriate means of access (including keys and cardkeys) shall be provided in an approved secured lock box (Knox Box) on the premises in an approved

1 location. The fire department shall be notified immediately of any changes in the means of
2 access.

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4 **9404.3 Fire hydrants.** At least two fire hydrants shall be provided. One hydrant shall be located
5 within 500 feet (152,400 mm) of the closest point of fire department apparatus access to the
6 shore end of the marina piers, wharves or floats, or to the fire department connection (FDC) for
7 those piers, wharves or floats that are equipped with standpipes. The second fire hydrant shall be
8 located within 1000 feet (304,800 mm) of the closest point of fire department apparatus access to
9 the shore end of the marina piers, wharves, or floats, or to the FDC for those piers, wharves or
10 floats that are equipped with standpipes.
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13 **Exception:** The requirements for fire hydrants may be modified when alternate
14 arrangements are approved by the fire code official.
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16 **9404.4 Water supply.** All required hydrants shall be capable of delivering not less than 1,000
17 gpm at a minimum residual pressure of 20 psi each.
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19 **Exception:** The requirements for water supply may be modified when alternate
20 arrangements are approved by the fire code official.
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SECTION 9405 - FIRE PROTECTION EQUIPMENT

9405.1 Standpipe systems. A manual Class I standpipe system (or class III standpipe system when approved by the fire code official) in accordance with NFPA Standard 14 shall be provided for piers, wharves, and floats where the hose lay distance from the fire apparatus to the most remote accessible portion of the pier, wharf or float exceeds 150 feet (45,720 mm). Approved plastic pipe may be used when installed underwater, or other approved method of protection from fire is provided. The standpipe piping shall be a minimum of 4 inches (102 mm), sized to provide a minimum of 500 gpm at 130 psi at the most remote hose connection, with a simultaneous flow of 500 gpm at the third most remote hose connection on the same pier while maintaining a maximum system pressure of 175 psi. Existing standpipe systems providing equivalent performance to the specification listed above may be acceptable when approved by the fire code official.

9405.1.1 Hose connections. Hose connections on required standpipes shall be provided at the water end of the pier, wharf, or float, and along the entire length of the pier, wharf, or float at spacing not to exceed 150 feet (45,720 mm) and as close as practical to the land end.

Exception: The hose connection at the land end of the pier, wharf or float may be omitted when a hose connection is located within 150 feet (45,720 mm) of the fire apparatus access road.

Each hose connection shall consist of a valved 2½-inch (64 mm) fire department hose outlet. Outlet caps shall have a predrilled 1/8-inch (3.2 mm) hole for pressure relief and be secured with a short length of chain or cable to prevent falling after removal. Listed equipment shall be used.

9405.2 Automatic sprinkler systems. Automatic sprinklers shall be provided for each separate covered boat moorage area exceeding 8,000 sq. ft. (743 m²) in projected roof area, excluding roof overhangs. A separate covered boat moorage area is one that has at least 16 feet uncovered horizontal separation from any part of any adjacent covered boat moorage area.

The sprinkler system shall be designed and installed in accordance with NFPA Standard 13 for Extra Hazard Group 2 occupancy.

Exception: Covered boat moorage already protected by an automatic sprinkler system is not required to be upgraded to Extra Hazard Group 2 criteria.

9405.2.1 Monitoring. Sprinkler systems shall be monitored by an approved central station.

9405.3 Smoke and heat vents: Approved automatic smoke and heat vents shall be provided in covered boat moorage areas exceeding 2,500 sq. ft. (232 m²) in area, excluding roof overhangs.

Exception: Smoke and heat vents are not required in areas protected by automatic sprinklers.

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2 **9405.3.1 Design and installation.** Where smoke and heat vents are required they shall be
3 installed near the roof peak, evenly distributed and arranged so that at least one vent is over each
4 covered berth. The effective vent area shall be calculated using a ratio of one square foot of vent
5 to every fifteen square feet of covered berth area (1:15). Each vent shall provide a minimum
6 opening size of 4 ft. x 4 ft.
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9 **9405.3.1.1** Smoke and heat vents shall operate automatically by actuation of a heat-responsive
10 device rated at between 100°F (56°C) and 220°F (122°C) above ambient.
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12 **Exception:** Gravity-operated drop out vents.
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14 **9405.3.1.2 Gravity-operated drop out vents.** Gravity operated dropout vents shall fully open
15 within 5 minutes after the vent cavity is exposed to a simulated fire represented by a time-
16 temperature gradient that reaches an air temperature of 500°F (260°C) within 5 minutes.
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9405.4 Draft curtains. Draft curtains shall be provided in covered boat moorage areas exceeding 2,500 sq. ft. (232 m²) in area, excluding roof overhangs.

Exception: Draft curtains are not required in areas protected by automatic sprinklers.

9405.4.1 Draft curtain construction. Draft curtains shall be constructed of sheet metal, gypsum board or other approved materials that provide equivalent performance to resist the passage of smoke. Joints and connections shall be smoke tight.

9405.4.2 Draft curtain location and depth. The maximum area protected by draft curtains shall not exceed 2,000 sq. ft. (186 m²) or two slips or berths, whichever is smaller. Draft curtains shall not extend past the piling line. Draft curtains shall have a minimum depth of 2 feet (609 mm) below the lower edge of the roof and shall not extend closer than 8 feet (2438 mm) to the walking surface on the pier.

9405.5 Fire department connections. Standpipe and sprinkler systems shall be equipped with not less than one two-way 2½-inch (64 mm) fire department connection (FDC), which shall be readily visible and located at the fire apparatus access road or other approved location. The FDC for class I standpipe systems may be located at the shore end of the pier, wharf, or float when the distance between the fire apparatus access road and FDC is less than 150 feet (45,720 mm). See also SFC 9404.3 Fire hydrants.

1 **9405.6 Marina fire protection confidence testing.** Standpipe and sprinkler systems shall be
2 inspected and hydrostatically tested at least annually. Reports of inspections and tests shall be
3 submitted to the Seattle Fire Department Confidence Testing Unit in accordance with
4 Administrative Rule 9.02.04 *Confidence Test Requirements for Life Safety Systems*.

5 Notwithstanding fire department inspections, maintenance and periodic testing are the owner's
6 responsibility. All persons performing such work shall have a certificate from the fire department
7 to perform such work. See Administrative Rule 9.01.04 *Certification for Installing, Maintaining*
8 *and Testing Life Safety Systems and Equipment*.

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12 **9405.7 Moorage in intervening moorage space.** Vessels moored in open spaces between
13 covered moorage shall not exceed 7 feet (2,133.6 mm) from the top of the vessel superstructure
14 to the waterline, unless protected by an approved fire partition.

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17 **Section 9406 - Emergency Plans and Training**

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19 **9406.1 Emergency plan.** Owners or operators of piers, wharves, floats and marinas shall prepare
20 and maintain a current emergency plan for the facility. The plan shall include procedures for fire
21 department notification, fire evacuation, and include location of portable fire extinguishers and
22 hose cabinets, sprinkler and standpipe system control valves, fire department connections and
23 electrical disconnects.
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1 **9406.2 Signage.** Signs, posters, or posted instructions shall be provided where practicable to
2 remind the public of basic fire safety practices and to warn of unusual or extreme fire hazards.
3 All boat owners at the marina shall be provided with written instructions for reporting fires and
4 other emergencies and actions to be taken in the event of a fire.
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7 **Point of Information**

8 For examples of emergency plans, see information bulletins located at
9 www.seattle.gov/fire titled Emergency Procedures for Public Occupancies and Fire
10 Evacuation Planning.
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13 **9406.3 Employee training.** Practice drills shall be held a minimum of twice a year.
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15 **9406.3.1** All employees shall know the location of fire-fighting equipment, and shall be
16 instructed in the procedures for response to a fire or other emergency, response to a fire alarm,
17 reporting a fire or other emergency to the proper authorities (and to designated facility
18 employees), and in the employees' designated role(s) in emergency situations. See SFC 9406.
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21 **9406.3.2** All employees; including office personnel, shall be given training in the use of portable
22 fire extinguishers.
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9406.4 Fire department liaison. When requested by the Seattle Fire Department, management shall assist the fire department in pre-fire planning for the following:

- (1) Entries and access routes for equipment within the premises,
- (2) Location, construction, use, and accessibility of all buildings and all their subdivisions including basements, storage lockers, and other areas,
- (3) Location and extent of outside working areas,
- (4) Location and means of access to both dry and wet boat-storage areas,
- (5) Type and capacity of standpipes on piers and walkways, including all points where connection of hydrant or pumper supplies can be affected,
- (6) Types and capacities of facility equipment, including work or tow boats, portable pumps, pier-mounted hose cabinets, all portable fire extinguishers, and other equipment,
- (7) Voltages and capacities of electrical systems, and location of electrical disconnecting means.

Section 9407 - Operational Hazards

9407.1 The marina or boatyard operator shall post in a prominent location or provide to boat operators using a marina or boatyard for mooring, repair, servicing, or storage, a list of safe operating procedures containing the following:

- (1) Procedures for disposal of trash;
- (2) Nonsmoking areas;
- (3) Location of fire extinguishers and hoses;
- (4) Procedures for turning in a fire alarm; and
- (5) Fueling procedures.

9407.2 Fueling Operations. Fueling of floating marine craft with Class I fuels at other than a marine motor fuel-dispensing facility is prohibited. Fueling of floating marine craft with Class II or III fuels at other than a marine motor fuel-dispensing facility shall be in accordance with SFC 2210.4.

Section 9408 - Compliance

9408.1 Compliance. All corrections that may be necessary to provide the minimum fire safety requirements established in this Chapter shall be completed by the owners as follows:

- (a) The fire code official shall develop a procedure for surveying marinas to effect compliance with this Chapter. The fire code official shall send written and signed notices to the owners of all non-complying marinas. Within 120 days of the date of notification by the fire code official, the owner shall submit to the fire code official a concept design and firm schedule for complying with the requirements of this Chapter.

1 (b) The fire code official shall review the concept design and firm schedule and respond
2 in writing. The time schedule for compliance shall be measured from the date of the
3 fire code official's response to the concept design and firm schedule for each marina,
4 and shall not exceed the time limits set forth in subsection (c) of this section.
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7 (c) The time limits for complying with the requirements of this Chapter are as follows:

8	Fire Extinguishers.....	1 year
9	Signage.....	1 year
10	Emergency Plan.....	1 year
11	Smoke and Heat Vents and Draft Curtains.....	7 years
12	Fire Hydrants.....	5 years
13	Standpipes.....	7 years
14	Sprinkler Systems.....	10 years
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18 (d) Marinas will not be deemed to be in violation of this Chapter until the time limits set
19 forth in subsection (c) above have expired. Appeals to compliance with this section
20 shall be in accordance SFC 108.
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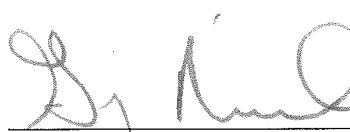
Section 2. This ordinance shall take effect and be in force thirty (30) days from and after its approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after presentation, it shall take effect as provided by Municipal Code Section 1.04.020.

Passed by the City Council the 11th day of April, 2005, and signed by me in open session in authentication of its passage this 11th day of April, 2005.



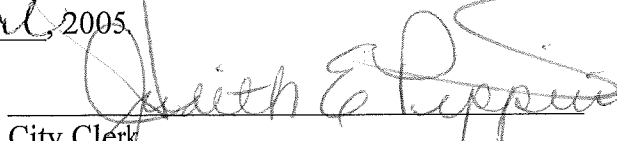
President _____ of the City Council

Approved by me this 18th day of April, 2005.



Gregory J. Nickels, Mayor

Filed by me this 19th day of April, 2005.



City Clerk

(Seal)

t

FISCAL NOTE FOR NON-CAPITAL PROJECTS

Department:	Contact Person/Phone:	DOF Analyst/Phone:
Fire	Chief John Nelsen / 386-1164	Karl Stickel / 684-8085

Legislation Title:

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- **Summary of the Legislation:** The proposed legislation requires that marina owners with existing covered boat moorage make fire protection improvements over a period of up to ten years. The legislation retroactively requires installation of fire sprinklers for covered boat moorage areas exceeding 8,000 square feet. Automatic smoke and heat vents are required for areas exceeding 2,500 square feet where fire sprinklers are not provided. This latter option provides an alternative to installation of fire sprinklers. The legislation also contains requirements for standpipes, employee training, address identification signage and emergency plans. The proposed legislation does not affect boathouses or marinas without covered moorage.
- **Background:** The legislation was developed by the Fire Department following recent major fires involving covered moorage that amounted to over \$18 million in property loss. An ad hoc industry workgroup actively participated in revisions to the Fire Department's original draft legislation and has since indicated their concurrence with the legislation as written. Organizations and interests represented in the work group include the Northwest Marine Trade Association, the Association of Independent Moorages, the Lake Union Association, Seattle Yacht Club, Queen City Yacht Club, the Live Aboard Association of Puget Sound, the Classic Yacht Association, Washington Survey and Rating Bureau, the fire sprinkler industry and professional engineers.
- *Please check one of the following:*

X **This legislation does not have any financial implications.**





City of Seattle

Gregory J. Nickels, Mayor

Office of the Mayor

February 8, 2005

Honorable Jan Drago
President
Seattle City Council
City Hall, 2nd Floor

Dear Council President Drago:

I am pleased to transmit the attached proposed Council Bill that amends the Seattle Fire Code by adding a new Chapter to establish minimum fire and life safety requirements and compliance procedures for marinas with existing covered boat moorage. The proposed legislation requires that marina owners with covered boat moorage make fire protection improvements over a period of up to ten years. The legislation requires installation of fire sprinklers for covered boat moorage areas exceeding 8,000 square feet. Automatic smoke and heat vents are required for areas exceeding 2,500 square feet where fire sprinklers are not provided. This latter option provides an alternative to installation of fire sprinklers. The proposed legislation does not effect boathouses or marinas without covered moorage.

This legislation was originally developed by the Fire Department and approved by the Seattle Fire Code Advisory Board. Significant revisions to the original legislation resulted from the efforts of an ad hoc marina stakeholders work group, which has indicated their concurrence with the legislation as presently written. Organizations and interests represented in the work group include the Northwest Marine Trade Association, the Association of Independent Moorages, the Lake Union Association, Seattle Yacht Club, Queen City Yacht Club, the Live Aboard Association of Puget Sound, the Classic Yacht Association, Washington Survey and Rating Bureau, the fire sprinkler industry and professional engineers.

Since 1999, fires in Seattle involving covered boat moorage have resulted in more than \$18 million in property loss. Large covered moorage fires endanger life, property and the environment. These large fires have the potential to extend rapidly along built-up shoreline areas of residential, business and commercial properties. The built-in fire protection improvements required through this legislation will help to limit fire growth in this difficult fire-fighting environment.

Thank you for your consideration of this legislation. Should you have questions, please contact Chief John Nelsen, Fire Marshal, at 386-1064 or Fire Chief Gregory Dean at 386-1401.

Sincerely,

A handwritten signature in dark ink, appearing to read "Greg Nickels", written over a circular stamp that says "CITY CLERK".

GREG NICKELS
Mayor of Seattle

cc: Honorable Members of the Seattle City Council

600 Fourth Avenue, 7th Floor, P.O. Box 94749, Seattle, WA 98124-4749

Tel: (206) 684-4000, TDD: (206) 684-8811 Fax: (206) 684-5360, E:mail: mayors.office@seattle.gov

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ORDINANCE _____

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9402.1 Definitions. The following words and terms shall, for the purposes of this chapter, have the meanings shown herein.

BERTH is the water space to be occupied by a boat or other vessel alongside or between bulkheads, piers, piles, fixed and floating docks, or any similar access structure. (See also definition for Slip.)

BOATHOUSE is an independently floating structure designed to be moored to a main float system to enclose and protect a vessel or vessels. A boathouse is capable of being moved on water, but is typically moored to a float system for long periods of time.

COVERED BOAT MOORAGE is a pier or system of floating or fixed accessways to which vessels on water may be secured and is covered by a roof.

DRAFT CURTAIN. A structure arranged to limit the spread of smoke and heat along the underside of the ceiling or roof.

1 **FIRE PARTITION** is a vertical assembly of materials designed to restrict the spread of fire in
2 which openings are protected.

3
4 **FLOAT** is a floating structure normally used as a point of transfer for passengers and goods, or
5 both, for mooring purposes.
6

7
8 **GRAVITY-OPERATED DROP OUT VENTS.** Automatic smoke and heat vents containing
9 heat-sensitive glazing designed to shrink and drop out of the vent opening when exposed to fire.
10

11 **MARINA** is any portion of the ocean or inland water, either naturally or artificially protected,
12 for the mooring, servicing or safety of vessels and shall include artificially protected works, the
13 public or private lands ashore, and structures or facilities provided within the enclosed body of
14 water and ashore for the mooring or servicing of vessels or the servicing of their crews or
15 passengers.
16

17
18 **MARINE MOTOR FUEL-DISPENSING FACILITY.** That portion of property where
19 flammable or combustible liquids or gases used as fuel for watercraft are stored and dispensed
20 from fixed equipment on shore, piers, wharves, floats or barges into the fuel tanks of watercraft
21 and shall include all other facilities used in connection therewith.
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1 **PIER** is a structure, usually of greater length than width, of timber, stone, concrete or other
2 material, having a deck and projecting from the shore into waters so that vessels may be moored
3 alongside for loading, unloading, storage, repairs or commercial uses.

4
5 **SHIPYARD** is a pier, wharf, or series of piers and wharves and related onshore facilities,
6 designated by the fire code official, which by virtue of the pier construction, location, emergency
7 vehicle access, fire protection, hydrant availability and onsite safety personnel in accordance
8 with Seattle Fire Department Administrative Rule 26.02.02, *Designated Hot Work Facilities and*
9 *Shipyards* is suitable to permit repairs, including major conversions, on marine vessels of any
10 length.
11
12
13

14 **SLIP** is a berthing space between or adjacent to piers, wharves, or docks; the water areas
15 associated with boat moorage. (See also definition for Berth.)
16

17 **VESSEL** is watercraft of any type, other than seaplanes on the water, used or capable of being
18 used as a means of transportation.
19
20

21 **WHARF OR QUAY** is a structure of timber, stone, concrete or other material having a platform
22 built along and parallel to waters so that vessels may be moored alongside for loading,
23 unloading, storage, repairs or commercial uses.
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9403 - PLANS AND APPROVALS

9403.1 Plans. Plans for marina fire-protection shall be approved prior to installation. The work shall be subject to final inspection and approval after installation.

9404 - ACCESS AND WATER SUPPLY

9404.1 Fire apparatus access roads. Fire apparatus access roads shall be provided and so located as to provide fire department apparatus access to within 150 feet (45,720 mm) travel distance to the shore end of all marina piers, wharves, and floats. Fire apparatus access roads shall be in accordance with Appendix D of the 2003 Seattle Fire Code.

Exception: When approved by the fire code official, a Class I standpipe system may be installed on piers, wharves, or floats when conditions are such that providing fire department access lanes to within 150 feet (45,720 mm) to the shore end of the piers, wharves, and floats is not practical. Additional standpipe requirements are found in SFC 9405.1.

9404.2 Premises access. The fire department shall have access to fenced, gated, or locked grounds, piers, wharves or floats. Appropriate means of access (including keys and cardkeys) shall be provided in an approved secured lock box (Knox Box) on the premises in an approved location. The fire department shall be notified immediately of any changes in the means of access.

1
2 **9404.3 Fire hydrants.** At least two fire hydrants shall be provided. One hydrant shall be located
3 within 500 feet (152,400 mm) of the closest point of fire department apparatus access to the
4 shore end of the marina piers, wharves or floats, or to the fire department connection (FDC) for
5 those piers, wharves or floats that are equipped with standpipes. The second fire hydrant shall be
6 located within 1000 feet (304,800 mm) of the closest point of fire department apparatus access to
7 the shore end of the marina piers, wharves, or floats, or to the FDC for those piers, wharves or
8 floats that are equipped with standpipes.
9

10 **Exception:** The requirements for fire hydrants may be modified when alternate
11 arrangements are approved by the fire code official.
12
13

14 **9404.4 Water supply.** All required hydrants shall be capable of delivering not less than 1,000
15 gpm at a minimum residual pressure of 20 psi each.
16

17 **Exception:** The requirements for water supply may be modified when alternate
18 arrangements are approved by the fire code official.
19

20 **SECTION 9405 - FIRE PROTECTION EQUIPMENT**

21

22 **9405.1 Standpipe systems.** A manual Class I standpipe system (or class III standpipe system
23 when approved by the fire code official) in accordance with NFPA Standard 14 shall be provided
24 for piers, wharves, and floats where the hose lay distance from the fire apparatus to the most
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remote accessible portion of the pier, wharf or float exceeds 150 feet (45,720 mm). Approved plastic pipe may be used when installed underwater, or other approved method of protection from fire is provided. The standpipe piping shall be a minimum of 4 inches (102 mm), sized to provide a minimum of 500 gpm at 130 psi at the most remote hose connection, with a simultaneous flow of 500 gpm at the third most remote hose connection on the same pier while maintaining a maximum system pressure of 175 psi. Existing standpipe systems providing equivalent performance to the specification listed above may be acceptable when approved by the fire code official.

9405.1.1 Hose connections. Hose connections on required standpipes shall be provided at the water end of the pier, wharf, or float, and along the entire length of the pier, wharf, or float at spacing not to exceed 150 feet (45,720 mm) and as close as practical to the land end.

Exception: The hose connection at the land end of the pier, wharf or float may be omitted when a hose connection is located within 150 feet (45,720 mm) of the fire apparatus access road.

Each hose connection shall consist of a valved 2½-inch (64 mm) fire department hose outlet. Outlet caps shall have a predrilled 1/8-inch (3.2 mm) hole for pressure relief and be secured with a short length of chain or cable to prevent falling after removal. Listed equipment shall be used.

1 **9405.2 Automatic sprinkler systems.** Automatic sprinklers shall be provided for covered boat
2 moorage exceeding 8,000 sq. ft. (743 m²) in projected roof area, excluding roof overhangs.

3
4 The sprinkler system shall be designed and installed in accordance with NFPA Standard
5 13 for Extra Hazard Group 2 occupancy.

6 **Exception:** Covered boat moorage already protected by an automatic sprinkler system is
7 not required to be upgraded to Extra Hazard Group 2 criteria.
8

9
10 **9405.2.1 Monitoring.** Sprinkler systems shall be monitored by an approved central station.
11

12
13 **9405.3 Smoke and heat vents:** Approved automatic smoke and heat vents shall be provided in
14 covered boat moorage areas exceeding 2,500 sq. ft. (232 m²) in area, excluding roof overhangs.

15 **Exception:** Smoke and heat vents are not required in areas protected by automatic
16 sprinklers.
17

18
19 **9405.3.1 Design and installation.** Where smoke and heat vents are required they shall be
20 installed to provide the minimum venting area derived from table 7-7D of the 18th Edition of the
21 NFPA Fire Protection Handbook, Section 7, Chapter 7 using a 600 second growth time and 15
22 minute clear visibility design times.
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The vents shall be located near the roof peak, evenly distributed and arranged so that at least one vent is over each covered berth. Each vent shall provide a minimum opening size of 4 ft. x 4 ft.

Point of Information

Copies of the NFPA Fire Protection Handbook, 18th edition, are available for reference at the Seattle Public Library.

9405.3.1.1 Smoke and heat vents shall operate automatically by actuation of a heat-responsive device rated at between 100°F (56°C) and 220°F (122°C) above ambient.

Exception: Gravity-operated drop out vents.

9405.3.1.2 Gravity-operated drop out vents. Gravity operated dropout vents shall fully open within 5 minutes after the vent cavity is exposed to a simulated fire represented by a time-temperature gradient that reaches an air temperature of 500°F (260°C) within 5 minutes.

9405.4 Draft curtains. Draft curtains shall be provided in covered boat moorage areas exceeding 2,500 sq. ft. (232 m²) in area, excluding roof overhangs.

Exception: Draft curtains are not required in areas protected by automatic sprinklers.

1 **9405.4.1 Draft curtain construction.** Draft curtains shall be constructed of sheet metal, gypsum
2 board or other approved materials that provide equivalent performance to resist the passage of
3 smoke. Joints and connections shall be smoke tight.
4

5 **9405.4.2 Draft curtain location and depth.** The maximum area protected by draft curtains shall
6 not exceed 2,000 sq. ft. (186 m²) or two slips or berths, whichever is smaller. Draft curtains shall
7 not extend past the piling line. Draft curtains shall have a minimum depth of 4 feet (1219 mm) or
8 at least 20 percent of ceiling height and shall not extend closer than 8 feet (2438 mm) to the
9 walking surface on the pier. Ceiling height shall be measured as follows:
10

- 11 (1) For floating structures with flat roofs and saw-tooth roofs with flat ceiling areas, from
12 the ceiling to waterline.
13
- 14 (2) For floating structures with sloped roofs, from the center of the uppermost vent to the
15 waterline.
16
- 17 (3) For fixed structures with flat roofs and saw-tooth roofs with flat ceiling areas, from
18 the ceiling to the high water level of the lake as determined by National Oceanic and
19 Atmospheric Administration charts.
- 20 (4) For fixed structures with sloped roofs, from the center of the uppermost vent to the
21 high water level of the lake as determined by National Oceanic and Atmospheric
22 Administration charts.
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1 **9405.5 Fire department connections.** Standpipe and sprinkler systems shall be equipped with
2 not less than one two-way 2½-inch (64 mm) fire department connection (FDC), which shall be
3 readily visible and located at the fire apparatus access road or other approved location. The FDC
4 for class I standpipe systems may be located at the shore end of the pier, wharf, or float when the
5 distance between the fire apparatus access road and FDC is less than 150 feet (45,720 mm). See
6 also SFC 9404.3 Fire hydrants.
7

8
9 **9405.6 Marina fire protection confidence testing.** Standpipe and sprinkler systems shall be
10 inspected and hydrostatically tested at least annually. Reports of inspections and tests shall be
11 submitted to the Seattle Fire Department Confidence Testing Unit in accordance with
12 Administrative Rule 9.02.04 *Confidence Test Requirements for Life Safety Systems*.
13 Notwithstanding fire department inspections, maintenance and periodic testing are the owner's
14 responsibility. All persons performing such work shall have a certificate from the fire department
15 to perform such work. See Administrative Rule 9.01.04 *Certification for Installing, Maintaining*
16 *and Testing Life Safety Systems and Equipment*.
17
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19

20 **9405.7 Moorage in intervening moorage space.** Vessels moored in open spaces between
21 covered moorage shall not exceed 7 feet (2,133.6 mm) from the top of the vessel superstructure
22 to the waterline, unless protected by an approved fire partition.
23

24
25 **Section 9406 - Emergency Plans and Training**
26

1 **9406.1 Emergency plan.** Owners or operators of piers, wharves, floats and marinas shall prepare
2 and maintain a current emergency plan for the facility. The plan shall include procedures for fire
3 department notification, fire evacuation, and include location of portable fire extinguishers and
4 hose cabinets, sprinkler and standpipe system control valves, fire department connections and
5 electrical disconnects.
6

7
8 **9406.2 Signage.** Signs, posters, or posted instructions shall be provided where practicable to
9 remind the public of basic fire safety practices and to warn of unusual or extreme fire hazards.
10 All boat owners at the marina shall be provided with written instructions for reporting fires and
11 other emergencies and actions to be taken in the event of a fire.
12

13
14 **Point of Information**

15 For examples of emergency plans, see information bulletins located at
16 www.seattle.gov/fire titled Emergency Procedures for Public Occupancies and Fire
17 Evacuation Planning.
18

19
20 **9406.3 Employee training.** Practice drills shall be held a minimum of twice a year.
21

22 **9406.3.1** All employees shall know the location of fire-fighting equipment, and shall be
23 instructed in the procedures for response to a fire or other emergency, response to a fire alarm,
24
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1 reporting a fire or other emergency to the proper authorities (and to designated facility
2 employees), and in the employees' designated role(s) in emergency situations. See SFC 9406.

3
4 **9406.3.2** All employees, including office personnel, shall be given training in the use of portable
5 fire extinguishers.

6
7
8 **9406.4 Fire department liaison.** When requested by the Seattle Fire Department, management
9 shall assist the fire department in pre-fire planning for the following:

- 10 (1) Entries and access routes for equipment within the premises,
11 (2) Location, construction, use, and accessibility of all buildings and all their
12 subdivisions including basements, storage lockers, and other areas,
13 (3) Location and extent of outside working areas,
14 (4) Location and means of access to both dry and wet boat-storage areas,
15 (5) Type and capacity of standpipes on piers and walkways, including all points where
16 connection of hydrant or pumper supplies can be affected,
17 (6) Types and capacities of facility equipment, including work or tow boats, portable
18 pumps, pier-mounted hose cabinets, all portable fire extinguishers, and other
19 equipment,
20 (7) Voltages and capacities of electrical systems, and location of electrical disconnecting
21 means.
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Section 9407 - Operational Hazards

9407.1 The marina or boatyard operator shall post in a prominent location or provide to boat operators using a marina or boatyard for mooring, repair, servicing, or storage, a list of safe operating procedures containing the following:

- (1) Procedures for disposal of trash;
- (2) Nonsmoking areas;
- (3) Location of fire extinguishers and hoses;
- (4) Procedures for turning in a fire alarm; and
- (5) Fueling procedures.

9407.2 Fueling Operations. Fueling of floating marine craft with Class I fuels at other than a marine motor fuel-dispensing facility is prohibited. Fueling of floating marine craft with Class II or III fuels at other than a marine motor fuel-dispensing facility shall be in accordance with SFC 2210.4.

Section 9408 - Compliance

9408.1 Compliance. All corrections that may be necessary to provide the minimum fire safety requirements established in this Chapter shall be completed by the owners as follows:

1 (a) The fire code official shall develop a procedure for surveying marinas to effect
2 compliance with this Chapter. The fire code official shall send written and signed
3 notices to the owners of all non-complying marinas. Within 120 days of the date of
4 notification by the fire code official, the owner shall submit to the fire code official a
5 concept design and firm schedule for complying with the requirements of this
6 Chapter.
7

8
9 (b) The fire code official shall review the concept design and firm schedule and respond
10 in writing. The time schedule for compliance shall be measured from the date of the
11 fire code official's response to the concept design and firm schedule for each marina,
12 and shall not exceed the time limits set forth in subsection (c) of this section.
13

14
15 (c) The time limits for complying with the requirements of this Chapter are as follows:

16	Fire Extinguishers.....	1 year
17	Signage.....	1 year
18	Emergency Plan.....	1 year
19	Smoke and Heat Vents and Draft Curtains.....	7 years
20	Fire Hydrants.....	5 years
21	Standpipes.....	7 years
22	Sprinkler Systems.....	10 years
23		
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(d) Marinas will not be deemed to be in violation of this Chapter until the time limits set forth in subsection (c) above have expired. Appeals to compliance with this section shall be in accordance SFC 108.

Section 2. This ordinance shall take effect and be in force thirty (30) days from and after its approval by the Mayor, but if not approved and returned by the Mayor within ten (10) days after presentation, it shall take effect as provided by Municipal Code Section 1.04.020.

Passed by the City Council the ____ day of ____, 2005, and signed by me in open session in authentication of its passage this ____ day of ____, 2005.

President ____ of the City Council

Approved by me this ____ day of ____, 2005.

Gregory J. Nickels, Mayor

Filed by me this ____ day of ____, 2005.

City Clerk

(Seal)

STATE OF WASHINGTON – KING COUNTY

--SS.

184834
CITY OF SEATTLE, CLERKS OFFICE

No.

Affidavit of Publication

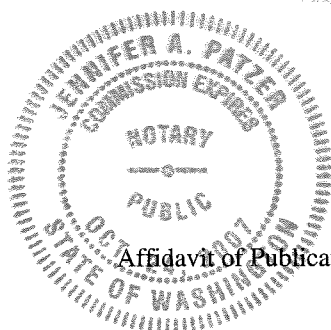
The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

CT:121773 ORD IN FULL

was published on

04/25/05



Affidavit of Publication

A handwritten signature in black ink, appearing to be "M. D. ...", written over a horizontal line.

Subscribed and sworn to before me on

04/25/05

A handwritten signature in black ink, appearing to be "Jennifer Patzer", written over a horizontal line.

Notary public for the State of Washington,
residing in Seattle

State of Washington, King County

City of Seattle

Rainier Beach Lake Park Shoreline Restoration Bid Date: May 18

Rainier Beach Lake Park Shoreline Restoration

Bid Date: May 18, 2005

Ordinance #121333

PW #2005-006

PROJECT DESCRIPTION: This project consists of the following elements of work: Installation and maintenance of temporary erosion and sedimentation controls, including an in-water silt curtain; installation and maintenance of construction fencing and tree protecting fencing; clearing and grubbing of shrubs and trees; demolition of existing wood bulkhead including creosote-treated pilings, concrete rubble, concrete slabs, asphalt paving, and other items; excavation and grading to subgrade elevations. Off-site disposal of excess excavated soils; placement of imported shoreline materials including beach gravels, rock riprap, anchored logs, coir logs, and coir erosion control fabric; installation of new asphalt path and vehicle-accessible viewpoint; installation of vinyl sheetpile wall, concrete cap, and pedestrian barrier consisting of wood posts and chain; landscape work including imported planting soils (topsoil) and organic amendment, and planting of trees, shrubs, and groundcovers; installation of an irrigation mainline and several quick coupler connections.

ESTIMATE: The Engineer's estimate for this project is \$244,000

BID SUBMITTAL: Sealed bids will be received for this project at the following address no later than 2:00 PM, on Wednesday, May 18, 2005:

City of Seattle Contracting Services Division, Seattle Municipal Tower, PO Box 94687, Seattle WA 98124-4687 OR 700 - 5th Avenue, #4112, Seattle Municipal Tower, Seattle, WA 98104. If sending by courier (UPS, FedEx, etc.) the street address must be used. If mailing by regular US mail, the PO Box must be used. Bidders are responsible for ensuring that the proper Zip code is used. The City of Seattle will not be responsible for a late bid. Bids received after the deadline will be returned unopened. Bids will be publicly opened and read immediately after 2:00 PM.

PRE-BID SITE INSPECTION:

A pre-bid site inspection will be held on Tuesday, May 3, 2005, at 1:30 pm. Meet on site at the 9500 block of Rainier Avenue South, Seattle WA.

OBTAINING BID DOCUMENTS: The Drawings and Project Manual may be obtained by bidders at:

Seattle Parks and Recreation
800 Maynard Avenue South, Suite 300
Seattle, WA 98134
206-684-7044
Fax: 206-233-3949
upon a non-refundable fee of \$35

VIEWING BID DOCUMENTS: A copy of the Drawings and Project Manual may be viewed at the office of the City's Contracting Services Division. Drawings and Project Manuals are also on file at the following plan centers: McGraw Hill Construction, Plan Centers, Seattle, Bellevue, and Tacoma; Associated Sub-Contractors of Tacoma; Builders Exchange of Washington, Everett; Valley Plan Center, Kent; Contractors Resource Center, Seattle; and Contractor's Development and Competitiveness Center, Seattle.

BID GUARANTY: No bid will be considered unless accompanied by a surety company bid bond, or a certified or cashier's check payable to the order of The City of Seattle for a sum not less than five percent (5%) of the total amount of the bid.

EQUAL BENEFITS REQUIREMENTS: Consistent with Seattle Municipal Code Ch. 20.45, the Contractor will be required make benefits available to its employees with domestic partners on the same basis as the Contractor makes benefits to its employees with spouses.

INSURANCE: The Contractor will be required to provide evidence of insurance prior to contract execution. The project manual contains the insurance requirements established for this project unless modified through an addendum.

The Owner reserves the right to reject any and all bids.

Department of Executive Administration
Contracting Services Division
Date of first publication in the Seattle Daily Journal of Commerce, April 23, 2005.
4/28(184775)

City of Seattle

Phelps Center Reroofing Bid Date: May 11

Ordinance #120973

PW #2005-039

PROJECT DESCRIPTION:

This project consists of the following elements of work: Complete tear-off and disposal of all existing build-up roof (BUR) membranes, membrane base flashings and the specified insulation and metal flashing removal, then replacement with new sprayed-in-place polyurethane foam roof insulation and heavy-duty urethane coating system. The work includes all metal fabrication, carpentry, drain repair/retrofit, aggregate surfacing, sheet metal flashings and all accessories.

Alternate Base Bid: Complete tear-off and disposal of all existing build-up roof (BUR) membranes, insulation, membrane base flashings, and the specified metal flashing, then replacement with new fully-adhered insulation and Poly Vinyl Chloride (PVC) roof membrane system, including all membrane flashings, metal fabrication, carpentry, drain repairs/retrofit work, sheet metal flashings and all accessories. Two Bid Additives provide options for Bird Deterrent Systems.

BIDDER QUALIFICATIONS: The bidder must submit documentation that bidder meets special qualifications for this project. Specifications for qualifications are contained in Section 0800, Supplementary Conditions, of the project manual.

ESTIMATE: The Architect's estimate for this project is \$1,140,000.

BID SUBMITTAL: Sealed bids will be received for this project at the following address no later than 2:00 PM, on Wednesday, May 11, 2005:

City of Seattle Contracting Services Division, Seattle Municipal Tower, PO Box 94687, Seattle WA 98124-4687 OR: 700 - 5th Ave., #4112, Seattle Municipal Tower, Seattle, WA 98104. If sending by courier (UPS, FedEx, etc.) the street address must be used. If mailing by regular US mail, the PO Box must be used. Bidders are responsible for ensuring that the proper Zip code is used. The City of Seattle will not be responsible for a late bid. Bids received after the deadline will be returned unopened. Bids will be publicly opened and read immediately after 2:00 PM.

PRE-BID INSPECTION: A mandatory re-bid meeting and site inspection will be held on Wednesday, April 27, at 1:00 PM. No bid will be accepted from any bidder who does not attend the mandatory pre-bid meeting. Contractor's job superintendents are strongly encouraged to attend. The instruction tour will start from the Seattle Center Project Management offices, Room #1099, enter House, 305 Harrison St., Seattle, WA 98109.

OBTAINING BID DOCUMENTS: The Drawings and Project Manual may be obtained by bidders at:

Seattle Center Project Management, Room #109, Center House, Seattle Center, 305 Harrison, Seattle, Washington 98109. (206) 684-7117, (206) 386-9091 fax

Upon a non-refundable payment of \$25.

VIEWING BID DOCUMENTS: A copy of the Drawings and Project Manual may be viewed at the office of the Contracting Services Division. Drawings and Project Manuals are also on file at area plan centers, including: McGraw Hill Construction, Builders Exchange of Washington, Valley Plan Center, Contractors Resource Center, and Contractors Development & Competitiveness Center, Seattle.

BID GUARANTY: No bid will be considered unless accompanied by a surety company bid bond, or a certified or cashier's check payable to the order of The City of Seattle for a sum not less than five percent (5%) of the total amount of the bid.

BIDDER/SUBCONTRACTOR LIST: The bidder is required to submit the completed Bidder/Subcontractor List either with the bid or within one hour of the required bid submittal time.

EQUAL BENEFITS REQUIREMENTS: The Contractor will be required provide the same or equivalent benefits to its employees with domestic partners as the Contractor provides to its employees with spouses.

APPRENTICE UTILIZATION REQUIREMENTS: The contractor will be required to utilize 15% of the total labor

The Director of the Department of Planning & Development has reviewed the Master Use Permit application(s) below and issued the following decisions. Interested parties may appeal these decisions.

Hearing Examiner Appeals

To appeal to the City's Hearing Examiner the appeal MUST be in writing, and be delivered to the Office of the Hearing Examiner, Room 1320, Alaska Building, 618 Second Avenue, Seattle, Washington 98104. Appeals must be received prior to 5:00 P.M. of the appeal deadline indicated below and be accompanied by a \$50.00 filing fee in a check payable to the City of Seattle. (The Hearing Examiner may waive the appeal fee if payment would cause financial hardship.) The appeal must identify all the specific Master Use Permit component(s) being appealed, specify exceptions or objections to the decision, and the relief sought. Appeals to the Hearing Examiner must conform in content and form to the Hearing Examiner's rules governing appeals. (The Hearing Examiner's Office has a form that can be used for land use appeals.) A copy of the Hearing Examiner Rules is available for \$1.75 from DPD. The Hearing Examiner's Office also provides a "Citizen Guide to the Office of the Hearing Examiner". To be assured of a right to have your views heard, you must be party to an appeal. Do not

City of Seattle

ORDINANCE 121773

AN ORDINANCE relating to the Seattle Fire Code; as adopted by Chapter 22.060.020 of the Seattle Municipal Code; adding thereto a new Chapter 94 to the 2003 Seattle Fire Code to establish fire and life safety requirements and compliance procedures for marinas with existing covered boat moorage; all as regulated and allowed by the State Building Code Act, Chapter 19.27 of the Revised Code of Washington.

WHEREAS, fires in covered boat moorage in the City of Seattle have resulted in more than \$18,000,000 loss in property since 1999, and;

WHEREAS, fires in covered boat moorage present a significant risk to life, property and the environment, and;

WHEREAS, marina owners and related stakeholder groups have participated in the development of this legislation and indicated their concurrence with its requirements, NOW, THEREFORE, BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. The 2003 Seattle Fire Code, as adopted by Chapter 22.060.020 of the Seattle Municipal Code, is amended by adding thereto a new Chapter 94 to read as follows:

Chapter 94 - Fire Protection for Covered Boat Moorage

SECTION 9401 - GENERAL

9401.1 Scope. This Chapter shall apply to covered portions of all marinas with covered boat moorage in existence at the time of its adoption.

Exceptions:

1. Approved designated facilities and shipyards in accordance with Administrative Rule 26.02.04 Designated Hot Work Facilities and Shipyards,

2. Boathouses.

9401.2 Intent. This Chapter is intended to promote the health, safety and welfare of life and property from fire at covered boat moorage.

9401.3 Modifications. The retroactive requirements of this chapter shall be permitted to be modified if their application clearly would be impractical for economic or physical reasons in the judgment of the fire code official, and only where it is clearly evident that a reasonable degree of safety is provided.

9401.4 Signage. Conspicuous signage shall be located at the fire apparatus access road termination point and the shore end of piers, wharves and floats. Signage shall indicate the address, directions and maps when required by the fire code official. For those structures that are designed to support vehicles, signage shall indicate the weight limit. Numbers and letters shall be easily legible and have high contrast with the color of the sign background. Numbers and letters shall not be less than 5 inches (127 mm) in height

and shall have a minimum stroke of 0.5 inches (12.7 mm).

9401.5 Smoking Restrictions. Smoking shall be prohibited in all areas where fuels and other flammable and combustible liquids and gases are stored or dispensed, in battery rooms, and in other such locations as management or the fire code official shall designate. "No Smoking" signs shall be conspicuously posted.

9401.6 Transmittal of Fire Emergency. All marinas and boatyards shall have a means to notify the fire department rapidly in the event of an emergency. If a telephone is used for this purpose, it shall be available for use at all times and shall not require the use of a coin. The street address of the facility and the emergency telephone number(s) shall be displayed prominently on a sign at the telephone.

Seattle Public Library

South Park Branch
Bid Date: May 11

April 11, 2005

NAME OF PROJECT: THE SEATTLE PUBLIC LIBRARY SOUTH PARK BRANCH

DATE OF BID OPENING: Wednesday, May 11, 2005

PROJECT DESCRIPTION: Construction of a new 5,000-square-foot branch library at 8604 Eighth Avenue South, Seattle, WA 98108 (southeast corner of South Cloverdale Street and Eighth Avenue South).

The Seattle Public Library will receive sealed bids from qualified general contractors ONLY until 2 p.m. Wednesday, May 11, 2005, in Howard S. Wright Family & Janet W. Ketcham Meeting Room (Conference Room 2/Meeting Room 414) on Level Four of the Central Library, 1000 Fourth Ave., Seattle, WA 98104. Bids hand delivered will be logged in starting at 1:30 p.m., Wednesday, May 11, 2005. Bids delivered before 1:30 p.m. shall go to the Capital Program Office, Attn: Frank Coulter, at the Central Library, 11th floor. BIDS RECEIVED AFTER 2 P.M. WILL NOT BE ACCEPTED.

The Seattle Public Library is an Equal Opportunity Employer.

No bid will be considered unless accompanied by a certified or bank cashier's check, or by a bid bond from a state-licensed surety company in an amount of not less than five percent (5%) of the Base Bid including sales tax and Additives, made payable to THE SEATTLE PUBLIC LIBRARY, Seattle, Washington.

Bid, Bid Bond and other enclosures shall be enclosed in an opaque, sealed envelope bearing the name and address of the Bidder and addressed to the Owner. Mark lower left corner of the envelope "South Park Branch Bid."

Bid documents will be available on Monday, April 11, 2005. Plans and Project Manuals may be obtained at:

United Reprographics
420 Dexter Avenue North
Seattle, WA 98109
Telephone: (206) 382-1177
Fax: (206) 625-9225

A deposit check made payable to THE SEATTLE PUBLIC LIBRARY for the amount of \$50 is required for each set. Partial sets are not available. The full amount of the deposit will be refunded to the bidders on return of the bid documents in unmarked and non-mutilated condition to United Reprographics within four weeks after the bids are due. Bid documents may also be examined at local plan centers.

Questions should be directed to the project architect: Johnston Architects, 3503 N.E. 45th Street, Suite 2, Seattle, WA 98105, attn: Marc Pevoto, (206) 523-6150.

A pre-bid walk-through will be held at 2 p.m. Wednesday, April 27, 2005, at the project site (southeast corner of South Cloverdale Street and Eighth Avenue South). The architect will be available at that time to review the project requirements. Attendance at this walk-through is NOT mandatory.

No bidder may withdraw its bid after the hour set for the opening thereof, unless and until the award of contract has been delayed for a period of sixty (60) days.

The Owner reserves the right to reject any and all bids and to waive any informalities.

Dates of publication in the Seattle Daily Journal of Commerce, April 11, 18 and 25, 2005.

1066-005 4/25(184248)

BANKRUPTCY NOTICES

USING THIS SECTION

This section lists bankruptcies filed in the U.S. Bankruptcy court offices in Seattle and Tacoma, published daily.

The records are sorted by the office in which they were filed. This section allows readers to research the financial history of potential clients and customers and monitor the general financial health of the local economy.

The name of the filer is in bold, followed by the social security number or business tax I.D. number and contact address. The records conclude with the filing date, filing number and the type of bankruptcy (Chapter 7, 11, or 13).

A database of bankruptcy listings from 1994 is available to online subscribers on the DJC's Web site.

Visit <http://www.djc.com>.

FILED IN SEATTLE

Sofia Kirova, xxx-xx-1564; 2324 Alki Ave SW, Seattle, WA 98116-0000, Ref 05-15172, filed on Apr 21. (Ch. 7)

Christina Estrada, xxx-xx-2655; 1435 S 128th St, Seattle, WA 98168, Ref 05-15173, filed on Apr 21. (Ch. 7)

Mary Taito, xxx-xx-9751; 30324 15th Ct S Apt 10, Federal Way, WA 98003, Ref 05-15174, filed on Apr 21. (Ch. 7)

Lovie Lamar Perez, xxx-xx-3017; 2318 2nd Ave Apt 900, Seattle, WA 98121, Ref 05-15175, filed on Apr 21. (Ch. 7)

Delfino Camacho, Ernestina Maria Camacho, xxx-xx-6950, xxx-xx-6648; 856 Central Ave S Space 56, Kent, WA 98032, Ref 05-15176, filed on Apr 21. (Ch. 7)

Lee I Anderson, Pamela H Anderson, xxx-xx-1700, xxx-xx-9322; 23239 114th Way SE, Kent, WA 98031-3429, Ref 05-15177, filed on Apr 21. (Ch. 13)

Jerry Lou Kopp, xxx-xx-8284; 2138 Noble Court SE Apt A, Auburn, WA 98092, Ref 05-15178, filed on Apr 21. (Ch. 13)

Debra Lynn Whitnall, xxx-xx-4721; 812 NE 194th St, Shoreline, WA 98155, Ref 05-15179, filed on Apr 21. (Ch. 13)

Dennis Kent Clements, Terisa Marie Clements, xxx-xx-6435, xxx-xx-3794; 9207 4th Ave NW, Seattle, WA 98117, Ref 05-15180, filed on Apr 21. (Ch. 13)

Betty Marie Pocorello, xxx-xx-2830; 27908 Pacific Hwy S Apt 517, Federal Way, WA 98003, Ref 05-15181, filed on Apr 21. (Ch. 13)

Carl Mike Clark, xxx-xx-0828; 12026 59th Ave S, Seattle, WA 98178, Ref 05-15182, filed on Apr 21. (Ch. 13)

Shirley Ann Parnell, xxx-xx-6775; 3543 Stratford Ct, Kent, WA 98032, Ref 05-15183, filed on Apr 21. (Ch. 13)

Buddy Stilley, --; 11012 NE 68th St #526, Kirkland, WA 98033, Ref 05-15184, filed on Apr 21. (Ch. 13)

Tamela Oscarretta Ackerman, xxx-xx-8278; 12204 28th Ave S Apt N6, Seattle, WA 98168-2466, Ref 05-15185, filed on Apr 21. (Ch. 7)

Ysaac L Vaisberg, Aurora P. Vaisberg, xxx-xx-2211, xxx-xx-0847; 1509 150th Place SW, Lynnwood, WA 98037, Ref 05-15186, filed on Apr 21. (Ch. 7)

Robert Henry Larsen, Joy Marie Larsen, xxx-xx-0260, xxx-xx-8075; 12514 NE 154th St, Woodinville, WA 98072, Ref 05-15187, filed on Apr 21. (Ch. 7)

Gary Robert Roff, xxx-xx-6346; 12315 14th Ave NE #3, Seattle, WA 98125, Ref 05-15188, filed on Apr 21. (Ch. 7)