

Parks and Open Space

Parks Division

Liberty Ship Monument Repairs

On October 3, 2011, the City Council authorized \$37,718 for repairs to the Liberty Ship Monument. The steel ship hull was donated to the City a few years back. A small trust fund had been established for long-term upkeep of the structure; however, the trust stipulates only the interest earned on the fund can be used for maintenance purposes. In October, there was \$2,545 available through this trust fund.

Bids were received to do the repairs which included preparation and repainting of the hull structure, fixing cracks in the concrete base and replacing the aluminum frames around the information boards. Theodore Logan & Son, Inc., of Portland, ME, with a price of \$37,718 was the second low bid met specifications. The bid was awarded to the company at the October 3rd meeting.

The cost of this work was funded from the following Accounts:

Parks and Recreation Contract Services Account	\$3,000
Undesignated Fund Balance	\$32,173
Liberty Ship Account (trust fund)	<u>\$2,545</u>
	\$37,718

Project Cost: \$37,718

Funding Source: \$5,545 General Fund Reserve
\$32,173 Fund Balance

Source of Cost Estimate: Theodore Logan & Son, Inc.
Projected Useful Life: 5 – 10 years

CITY OF SOUTH PORTLAND

BID FORM

PROJECT IDENTIFICATION: Liberty Ship Repair

CONTRACT IDENTIFICATION AND NUMBER: Bid Number 11-12

THIS BID IS SUBMITTED TO: Purchasing Agent
City of South Portland
25 Cottage Road
South Portland, Maine 04106

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to enter into an agreement with OWNER in the form included in the Contract Documents to perform and furnish all Work as specified or indicated in the Contract Documents for the Bid Price and within the Bid Time indicated in this Bid and in accordance with the other terms and conditions of the Contract Documents.

2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for sixty days after the day of Bid opening. BIDDER will sign and deliver (the required number of counterparts of) the Agreement with the Bonds and other documents required by the Bidding Requirements within ten days after the date of OWNER's Notice of Award.

3. In submitting this Bid, BIDDER represents as more fully set forth in the Agreement, that:

(a) BIDDER has examined and carefully studied the Bidding Documents and the following Addenda receipt of all which is hereby acknowledged:

Date	Number
<u>7/21</u>	<u>Alt # 1</u>
<u>7/21</u>	<u>Alt # 2</u>
<u>7/21</u>	<u>Alt # 3</u>

(b) BIDDER has visited the site and become familiar with and is satisfied as to the general, local and site conditions that may affect cost, progress, performance or furnishing of the Work.

(c) BIDDER is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress, performance and furnishing of the Work.

- (d) BIDDER has carefully studied all reports of explorations and tests of subsurface conditions at or contiguous to the site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the site (except Underground Facilities) which have been identified in the Supplementary Conditions, if any, as provided in the General Conditions. BIDDER accepts the determination set forth in the Special Requirements of the extent of the "technical data" contained in such reports and drawings upon which BIDDER is entitled to rely as provided in the General Conditions. BIDDER acknowledges that such reports and drawings are not Contract Documents and may not be complete for BIDDER's purposes. BIDDER acknowledges that OWNER and ENGINEER do not assume responsibility for the accuracy or completeness of information and data shown or indicated in the Bidding Documents with respect to Underground Facilities at or contiguous to the site. BIDDER has obtained and carefully studied (or assumes responsibility for having done so) all such additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the site or otherwise which may affect cost progress, performance or furnishing of the Work or which relate to any aspect of the means, methods, techniques, sequences and procedures of construction to be employed by BIDDER and safety precautions and programs incident thereto. BIDDER does not consider that any additional examinations, investigations, explorations, tests, studies or data are necessary for the determination of this Bid for performance and furnishing of the Work in accordance with the times, price and other terms and conditions of the Contract Documents.
- (e) BIDDER is aware of the general nature of Work to be performed by Owner and others at the site that relates to Work for which this Bid is submitted as indicated in the Contract Documents.
- (f) BIDDER has correlated the information known to BIDDER, information and observations obtained from visits to the site, reports and drawings identified in the Contract Documents and all additional examinations, investigations, explorations, tests, studies and data with the Contract Documents.
- (g) BIDDER has given ENGINEER written notice of all conflicts, errors, ambiguities or discrepancies that BIDDER has discovered in the Contract Documents and the written resolution thereof by ENGINEER is acceptable to BIDDER, and the Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and furnishing the Work for which this Bid is submitted.
- (h) This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.
- (i) BIDDER acknowledges that the City may award, at its sole discretion, the Work for the Base Bid as determined by the City Council and the best interest of the City.

4. BIDDER will complete the Work for the Proposed Bid Contract Price (Base Bid) if awarded, being the sum of all issues listed below.

Item 1. Hull Steel

1. Flakes, Bubbles, etc. shall be power tool cleaned to remove loose particles and any oily film. Clean to bright metal.
2. Apply zinc rich polymer such as ICI/Devoe Catha-Coat® 303H Zinc Rich Epoxy Primer and top coat with ICI/Devoe Bar Rust™ 235 Multi Purpose Epoxy Coating. Refer to manufacturers recommendations regarding surface prep, application rate and thickness, drying time and re-coat times. Match existing paint color. Provide color test on hull prior to production painting.

Item 2. Seams between Sheet Steel and Framing

1. Apply penetrating primer/.sealer such as ICI/Devoe Pre-Prime™167 to seam between hull plates and framing. Apply Bar-Rust™ Multi Purpose Epoxy coating to all primed surfaces and work coating into seams as best you can.
2. Seal joint between sheet steel and framing member with caulk such as Sikaflex®-1a.
3. Leave bottom 6” of seam un-caulked to promote drainage should water get into seam.

Item 3. Concrete Slab Contraction Joints

1. Clean contraction joints of pine needles, etc.
2. Clean concrete surface with solvent to remove dirt, scale, microbial growth or anything which may inhibit bond. Use Sikaflex®-1a, one part polyurethane elastomeric sealant.

Total base bid price for Items 1 through 3 as listed above

\$ 12,702.00

Add/Alt 1. Anchor Plates and Anchor Belts

Construction issues required that ship hull anchor plates be epoxy bolted into the foundation. The alignment of anchor plates resulted in some gaps at the concrete surface. Maintaining anchor rod integrity and sealing gaps between anchor plates and foundation are two of the most serious issues to be addressed acutely as well as on a periodic basis after initial repairs.

1. The Anchor bolt threaded rods are epoxied into the concrete and should permit removal of anchor nuts.
2. Remove existing caulk at interface of concrete and steel anchor plate and vertical; channel “rib” base plates.
3. Power tool clean base plates and anchor plates per Structural Steel Painting Council SSPC-SP3 Power Toll Cleaning. Take care to clean plate edges and clean area between plate and concrete when plate is not in contact with foundation This will be difficult but proceed as best as possible.

Total bid price for Add/Alt. 3 as listed above \$ 17,379.00

Guarantee of Labor, Materials & Equipment: 2 YEARS

Number of working days after signing contract before work is to start: 10 days

Number of working days for work to be completed after starting: Depends on Add Alternates

Alternate Bid: YEARLY MAINTENANCE CONTRACT
(may or may not be awarded)

Yearly Inspection of the hull, framing ribs, anchor plates and anchor rods, concrete slabs and display signs. Items found to be showing signs of corrosion or failed caulking shall be cleaned and repairs per the specific section noted above.

One Year Contract

\$ 496.00 Inspection \$ 31.00 Hourly rate labor % 234.00 Materials plus add-on

Three Year Contract

\$ 1240.00 Inspection \$ 31.00 Hourly rate labor % 465.00 Materials plus add-on

REFERENCE LIST

<u>Company Name</u>	<u>Contact Name</u>	<u>Address</u>	<u>Phone Number</u>
<u>Sherwin Williams</u>	<u>Dave Keney</u>	<u>100 LeRabee Rd Westbrook, ME</u>	<u>(207) 856-6766</u>
<u>ICI</u>	<u>Bill</u>	<u>973 Congress St. Portland, ME</u>	<u>(207) 772-6236</u>
<u>H.P. Cummings Accounting</u>		<u>P.O. Box 297 Winthrop, ME 04364</u>	<u>(207) 377-2232</u>

Signed: [Signature]
(Corporation, firm or company)

By: John Logan
(Officer, Authorized Individual or Owner)

Title: President

Mailing Address: 40 Blueberry Rd

Portland, ME

Zip Code: 04102 Date: 7/21/11

Telephone: (207) 774-6321 Fax: (207) 772-8102

Email: John@loganforpainting.com

NOTE: Bids must bear the handwritten signature of a duly authorized member or employee of the organization making the bid.

State Contractor License No. _____

IF BIDDER is:

An Individual

By _____ (SEAL)
(Individual's Name)

doing business as _____

Business address: _____

Phone No. _____

A Partnership

By _____ (SEAL)
(Firm Name)

General Partner: _____

Business address _____

Phone No. _____

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Parks and Open Space

Parks Division

One Ton Dump Truck – Replace #73

This Capital Improvement Program request is for the purchase of a new one-ton truck to replace Parks Unit #73, a 2001 GMC. Unit #73 is one of 2 Parks trucks (the other being Unit #79) in need of extensive repairs. Unit #73 has been used for both snow plowing in the winters and for heavy Parks work the rest of the year. It has outlived its useful life.

Project Cost:	\$43,000
Funding Source:	Fund Balance
Source of Cost Estimate:	In-house estimates via phone, brochure and internet inquiries.
Projected Useful Life:	10+ years

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Parks and Open Space

Parks Division

Out Front Mower Replacement

This Capital Improvement Program request is for the purchase of a new out-front mower to replace our 2002 John Deere, model 1435D. This piece of equipment is needed for general Parks Department mowing operations city-wide.

Project Cost:	\$20,000
Funding Source:	Fund Balance
Source of Cost Estimate:	In-house estimates via phone, brochure and internet inquiries and Hall Implement
Projected Useful Life:	10+ years



HALL IMPLEMENT CO.
1 JOHN DEERE ROAD
WINDHAM, ME 040624836
Phone: 207-892-8894
Fax: 207-892-2469

AHN:
Sarah

Quote Id : 6090742

Customer: CITY OF SOUTH PORTLAND PARKS D

767-6159

Quote Summary

Prepared For :
CITY OF SOUTH PORTLAND
PARKS D
33 PITT ST
SOUTH PORTLAND, ME 04106
Business:207-767-7651

Prepared By:
ROBERT P JACKMAN
1 JOHN DEERE ROAD
WINDHAM, ME 040624836
Phone: 207-892-8894
Mobile: 207-318-8010
bob@hallimplementco.com

Quote Id : 6090742
Created On : November 22, 2011
Last Modified On : November 22, 2011
Expiration Date: June 29, 2012

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE 1445 Series II Commercial Front Mower (Less Mower Deck)	\$ 21,638.88	\$ 15,038.52	X 1 =	\$ 15,038.52
JOHN DEERE 72 In. 7-Iron II Commercial Side Discharge Mower Deck (For 1400/1500 Series II and Non-Series II Front Mowers)	\$ 4,813.53	\$ 3,471.04	X 1 =	\$ 3,471.04
Equipment Total				\$ 18,509.56

Quote Summary	
Equipment Total	\$ 18,509.56
SubTotal	\$ 18,509.56
Total	\$ 18,509.56
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 18,509.56

Salesperson : X _____

Accepted By : X _____

CONFIDENTIAL

Parks and Open Space

Parks Division

Reelmaster 3100-D Sidewinder Mower

This Capital Improvement Program request is for the purchase of a Toro Reelmaster Sidewinder 3100-D, which will replace our year 2000 Toro 2300D. This piece of equipment is needed for both the Municipal Golf Course and Wainwright Farms Complex. The unit is built for multi-purpose use on athletic fields and golf courses. The model design offers varied tracking for flat, hilly or rolling terrain, which allows the operator to minimize rutting and compaction on the competition fields of play. Also provides varied levels of cutting, depending on the specific field/contest need.

Project Cost: \$42,000
Funding Source: \$35,556 Golf Course Reserves
\$6,444 Prior Year's CIP Balances
Source of Cost Estimate: In-house estimates via phone, brochure and internet inquiries.
Turf Products.
Projected Useful Life: 10+ years



Reelmaster® 3100-D Specifications*

	REELMASTER 3100-D, MODEL 03206	REELMASTER 3100-D, MODEL 03207 w/SIDEWINDER
ENGINE	Kubota® liquid-cooled diesel, 3-cylinder, 21.5 hp (16 kW) net @ 2500 RPM. 68.5 cu. in. (1123 cm ³) displacement. Pressurized lubrication system with 3.5 U.S. qt. (3.3 liter) capacity. Heavy duty, radial seal air cleaner. Fuel/water separator with visible bowl.	
CONFIGURATION	Rear mounted engine, front operator position. Rear mounted radiator. Two post ROPS and seat belt standard.	
FUEL CAPACITY	7.5 gallons (28 liters). 2008 models Biodiesel-Ready for use up to B-20 (20% biodiesel and 80% petrol blend).	
TRACTION DRIVE	Series/Parallel hydraulic traction circuit provides continuous 3-wheel drive, in mow and transport. Hydrostatic traction drive provides infinitely variable speed in forward and reverse. 6 gallon (23 liter) hydraulic system capacity.	
GROUND SPEED	Mow: 0-6 mph (0-10 km/h); Transport: 0-9 mph (0-14 km/h). Reverse: 0-4 mph. (0-6 km/h).	
CONTROLS	Forward and reverse traction control pedals, mow/transport lever, hand activated park brake, ignition key switch, tilt steering wheel lock, PTO switch, throttle, joystick control for cutting unit raise and lower (and for moving cutting units side-to-side on Sidewinder equipped models), cutting unit transport lock, reel speed and backlap control knob.	
GAUGES	Hour meter, fuel gauge, cluster gauge with glow plug and charge indicator lights, and low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).	
ELECTRICAL & INTERLOCKS	12-volt, 585 cold cranking amps at 0° F (-18° C), 40 amps with regulator/rectifier. Traction pedal, operator presence in seat, PTO engage or disengage, and cutting unit mow or transport safety interlock switches.	
TIRES	Front: 20 x 10-12, 4-ply Turf Trac. Rear: 20 x 12-10	
FRAME	Formed steel, welded steel and steel tubing.	
BRAKES	Hydrostatic service brake, parking brake.	
STEERING	Power steering with tilt steering wheel.	
OVERALL DIMENSIONS	Track Width: 55" (140 cm) Wheel Base: 56" (142 cm) Overall Length: 93" (248 cm)	Overall Height: 71" (180 cm) with ROPS Transport Width: 80" (203 cm) in 72" (183 cm) woc 92" (234 cm) in 85" (216 cm) woc Approx. Weight with Cutting units: 1860 lbs. (844 kg)
CUTTING UNIT CONFIGURATION	Fixed position cutting units.	Operator controlled moveable cutting units travel ±12" (30 cm) left or right from center; total of 24" (61 cm) of infinite variability.
CUTTING UNIT OFFSET	3" (7.6 cm) in 72" (183 cm) width of cut 10" (25 cm) in 85" (216 cm) width of cut	Maximum 15" (38 cm) in 72" (183 cm) width of cut. Maximum 22" (56 cm) in 85" (216 cm) width of cut.
CERTIFICATION	This product complies with the American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).	
WARRANTY	Two-year limited warranty, refer to operators manual for details.	

	CUTTING UNITS
TYPE	Three hydraulically driven, balanced, 7" (17.8 cm) diameter reels. Cutting units interchangeable to all three positions.
REEL BLADE OPTIONS	5, 8, and 11-blade reels available for 27" (68.6 cm) cutting unit. 5 and 8 blade reels available for 32" (81.3 cm) cutting unit.
HOC RANGE	Height of cut ranges .375" to 1.75" (.9 - 4.4 cm) standard in floating position, .5" to 2.625" (1.2 - 7 cm) in fixed position. Maximum 3" (7.6 cm) height of cut (approximate) in floating position when configured with heavy duty Wiehle® roller and optional front roller brackets.
CUTTING WIDTH	72" (183 cm), or 85" (216 cm) width of cut dependent on cutting unit selection.
CLIP FREQUENCY/ BACKLAPPING	Manually controlled variable reel speed for adjustment of clip frequency. Standard on-board backlapping.
BEDKNIFE TO REEL ADJUSTMENT	Single point adjustment (SPA) of bedknife to reel.
ROLLERS	Full roller standard on rear of cutting unit. Front roller options: full, Wiehle, sectional, or anti-scalp (for fixed position cutting units).

	SUNSHADE
BIMINI CANVAS	Model 30358

*Specifications and design subject to change without notice.

The Reelmaster 3100-D is manufactured in Tomah, WI ISO 9002 Certified Plant.



Specifications for Reelmaster® 3100-D

Engine

Model: Kubota® 3-cylinder
Rating: 21.5 hp (16 kW) @ 2500 rpm net
Displacement: 68.5 cu. in. (1123 cm³)
Fuel: Diesel
Cooling: Liquid

Traction Unit

Frame: Formed steel, welded steel and steel tubing
Drive: 3WD, hydrostatic, Series/Parallel™
Fuel capacity: 7.5 gallons (28 liters)
Hydraulic capacity: 6 gallons (23 liters)
Brakes: Hydrostatic service brake, parking brake

Tires

Front: 20 x 10-12, 4-ply, Turf Trac
Rear: 20 x 12-10

Ground Speed

Mowing: 0-6 mph (0-10 km/h)
Transport: 0-9 mph (0-14 km/h)
Reverse: 0-4 mph (0-6 km/h)

Operating Station

Steering: Power, tilt
Seat: Adjustable
Controls: Traction control pedals, joystick for cutting unit raise/lower and Sidewinder®, transport lock, hand-activated reel speed and backlap control knob, PTO switch, throttle and mow/transport lever
Gauges: Hour meter, fuel gauge, cluster with glow plug, charge, oil pressure and coolant temperature indicator lights

Electrical

Battery: 12 volt, 585 cold cranking amps at 0° F (-18° C)
Alternator: 40 amp with regulator/rectifier
Interlocks: Operator in seat, PTO, cutting unit mow/transport, traction pedal

Dimensions

Wheelbase: 56" (142 cm)
Length: 93" (248 cm)
Track width: 55" (140 cm)
Transport width: 80" (203 cm) in 72" (183 cm) WOC;
92" (234 cm) in 85" (216 cm) WOC
Height: 71" (180 cm) with ROPS
Weight: 1,860 lbs (844 kg) with Sidewinder

Cutting Units

Type: Three 7" (17.8 cm) diameter reels, interchangeable
Sidewinder option: Cutting units travel ± 12" (30 cm) left or right from center, 24" (61 cm) total travel
Blade options: 5, 8, and 11-blade reels for 27" (68.6 cm) cutting unit, 5 and 8-blade reels available for 32" (81.3 cm) cutting unit
Height of cut: Floating: 1/4-1 3/4" (6-45 mm), fixed: 1/2-2 3/8" (13-67 mm)
Width of cut: 72" (183 cm), or 85" (216 cm)
Clip frequency: Manually controlled, variable reel speed
Backlapping: On-board, standard
Bedknife-to-reel adjustment: Single point adjustment (SPA)
Rear rollers: Full
Front rollers: Full, Wiehle® sectional, or anti-scalp

Certification: ANSI B71.4-2004, CE certified
Warranty: Two-year limited

TORO® PROFESSIONAL SERVICES

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Count on it.

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Parks and Open Space

Parks Division

Wainwright Complex - Playscape

This Capital Improvement Program request is to invest in a new playscape for Wainwright. Currently, the Recreation Complex is full of ball fields, but it has no playground in place on which kids can play if they are not participating in a sports contest. Nor does the area have any canopy cover for visitors, players or spectators to get out of the sun. My goal is to increase the number of non-athletic and passive recreational opportunities for all, beginning with this playscape.

Project Cost:	\$50,000
Funding Source:	\$10,000 General Fund Reserve \$40,000 Fund Balance
Source of Cost Estimate:	In-House/O'Brien & Sons, Inc.
Projected Useful Life:	25+ years

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Parks and Open Space

Parks Division

Wilkinson Park Building Improvements

This Capital Improvement Program request is for an investment of \$50,000 towards repairs at the Wilkinson Park Building located on New York Ave. This old building has suffered from a variety of issues and failed systems, including broken plumbing, roof leaks, vandalism, faulty heating and electrical components, as well as deteriorating/broken vinyl siding, windows, flooring and pilings. It also needs a new oven in the kitchen.

The building, last used for rental space and to host local cribbage players, was closed to the public due to a broken heating system last winter. The building needs a significant financial investment to fix all that is deficient. We would also consider eliminating the use of oil and tying into the natural gas line on New York Avenue, which would allow us to use a monitor heating system.

The priority list would be as follows:

1. New roof shingles and form of heat. Fix plumbing in bathrooms and kitchen.
2. New siding and windows.
3. New appliance and misc. interior work (walls, flooring, kitchen, etc).

Project Cost: \$50,000

Funding Source: \$20,000 General Fund Reserve
\$30,000 Fund Balance

Source of Cost Estimate: Alan Ouellette Plumbing & Heating, General Contractor
Projected Useful Life: 15+ years, systems vary

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