



# STAFF REPORT

CITY COUNCIL OF THE CITY OF SAUSALITO

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## AGENDA TITLE

Sole-Source Purchase of One (1) OK Champion Sewer Rodder from WECO Industries

## RECOMMENDED MOTION

Adopt a Resolution of the City Council of the City of Sausalito Awarding a Contract for Sole-Source Purchase of One (1) New, OK Champion Truck-Mounted Sewer Rodder to WECO Industries, Vacaville, California for an Amount Not to Exceed \$116,813

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## SUMMARY:

The FY10 budget for the Sewer Enterprise includes (on page 95) \$420,000 in funding for one-time acquisition of machinery and equipment specified in the Sanitary Sewer Fee Study dated June 2009 and incorporated into the sewer use charges adopted by the Council in June 2009. As indicated to Council during the course of its April 20, 2010 meeting, since the Sanitary Sewer Fee Study was accepted, the priorities of the Department have changed. At the April 20, 2010 meeting Council authorized re-programming some of the budgeted funds. With Resolution No. \_\_\_ of that date, the Council awarded a contract for purchase of the cab-and-chassis (carrier vehicle) for a replacement sewer rodder to Downtown Ford under state contract pricing.

Staff developed a specification for replacement of the rodder itself (carried by the cab-and-chassis and powered by the carrier's engine *via* power take-off (PTO)). After evaluating alternative types of rodders (e.g., continuous versus segmented) and the warranties, service availability, and commonality with equipment performing similar duties in nearby jurisdictions, Staff concluded that a 1,200 foot capacity, continuous rodder manufactured by OK Champion in Hammond, Indiana represents the best value to the City of Sausalito. Working with OK Champion's sole authorized representative in the area, WECO Industries, LLC of Vacaville, California, a firm quotation for furnishing and installing the required rodder body for an amount not to exceed \$116,813 has been received. As provided for under Sausalito Municipal Code section 3.30.190, a commodity that is available from only one vendor or authorized distributor is exempt from competitive bidding requirements and deemed a sole-source purchase.

Staff respectfully requests that Council approve a sole source contract for the rodder to WECO. Depending upon the outcome of subsequent fitting plans, Staff may return to Council at a later date with request for award of a contract for toolboxes and other necessary fitting and appurtenances.

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6-1-10  
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**ISSUES**

None identified. The proposed purchase will not have an adverse effect on the environment.

**FISCAL IMPACT**

The funding requested is \$116,813. Said funding is available in the adopted Sewer Fund budget in Fund 110-550-7000-740 (Machinery & Equipment) and an unencumbered balance in that account of \$348,000 is available as of May 25, 2010. Sausalito Municipal Code (SMC) section 3.30.190(B) requires Council approval for any sole-source equipment purchase contract exceeding \$25,000 in value.

**STAFF RECOMMENDATION**

Adopt a Resolution of the City Council of the City of Sausalito Awarding a Contract for Sole Source Purchase of One (1) New, OK Champion Sewer Rodder to WECO Industries, Vacaville, California for a Sum Not to Exceed \$116,813

**ATTACHMENTS**

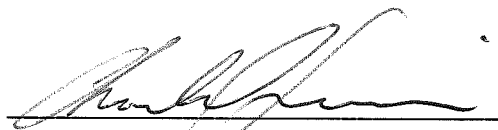
A Resolution of the City Council of the City of Sausalito Awarding a Contract for Sole Source Purchase of One (1) New, OK Champion Sewer Rodder to WECO Industries, Vacaville, California for a Sum Not to Exceed \$116,813

PREPARED BY:



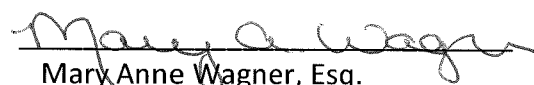
Jonathon Goldman  
Director of Public Works

REVIEWED BY:



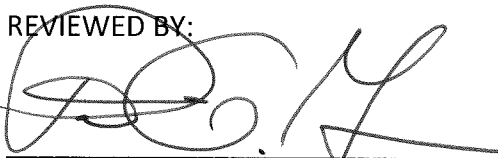
Charlie Francis  
Administrative Services Director/Treasurer

REVIEWED BY:



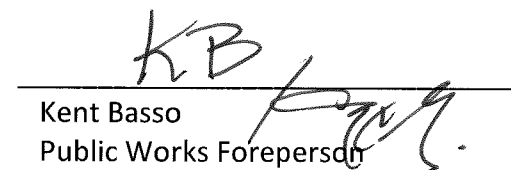
Mary Anne Wagner, Esq.  
City Attorney

REVIEWED BY:



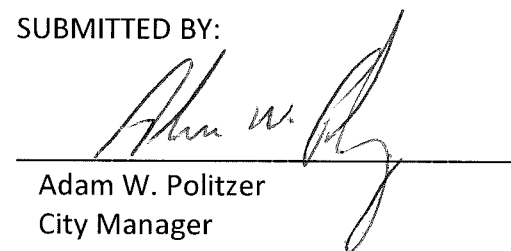
Pat Guasco  
Sanitary Sewer System Coordinator

REVIEWED BY:



Kent Basso  
Public Works Foreperson

SUBMITTED BY:



Adam W. Politzer  
City Manager

**RESOLUTION No. \_\_\_\_\_**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SAUSALITO  
AWARDING A SOLE-SOURCE CONTRACT FOR PURCHASE OF ONE (1) NEW, OK  
CHAMPION TRUCK-MOUNTED SEWER RODDER TO WECO INDUSTRIES,  
VACAVILLE, CALIFORNIA FOR AN AMOUNT NOT TO EXCEED \$116,813**

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**WHEREAS**, with Resolution 5041 of June 23, 2009 the City Council adopted the 2009-2010 Annual Budget which includes funding for acquisition of certain machinery and equipment in the Sewer Fund (110-550-7000-740) and an unencumbered balance in that account of \$348,000 is available as of May 25, 2010; and

**WHEREAS**, with Resolution No. \_\_\_\_ of April 20, 2010 the Council approved re-programming of the adopted Sewer Machinery and Equipment acquisition schedule and awarded a contract for purchase of the cab-and-chassis (carrier vehicle) for a replacement sewer rodder to Downtown Ford under state contract pricing; and

**WHEREAS**, the Director of Public Works, Sanitary Sewer Systems Coordinator, Public Works Manager and Foreperson, as well as other existing maintenance staff evaluated alternative types of rodders (e.g., continuous versus segmented) and the warranties, service availability, and commonality with equipment performing similar duties in nearby jurisdictions, and have concluded that replacement of the rodder with a 1,200 foot capacity, truck-mounted, continuous rodder manufactured by OK Champion in Hammond, Indiana will provide the best value to the City; and

**WHEREAS**, replacement of the rodder will not result in any adverse environmental impact inasmuch as the 1993 model will be auctioned from inventory and the new vehicle will comply with current air quality standards, and

**WHEREAS**, in conformance with Section 3.30.190(B) of the Sausalito Municipal Code ("SMC") the City Manager may obtain a necessary commodity available from only one vendor or authorized distributor without further competitive bidding as long as certain requirements are met; and

**WHEREAS**, Staff's evaluation and specification as well as WECO Industries status as the sole retailer of OK Champion equipment authorized to sell in Sausalito satisfies said requirements of Sausalito Municipal Code, Section 3.30.190; and

**WHEREAS**, the Director of Public Works has determined that the quotation submitted by WECO Industries, Vacaville, California in an amount not to exceed \$116,813 including tax and freight represents the best value to the City in acquiring the necessary rodder and recommends that Council award the contract for purchase to WECO Industries.

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Sausalito:

1. Awards a Contract to WECO Industries, Vacaville, California for purchase of the OK Champion Rodder specified in the attached quotation for an amount not to exceed \$116,813 including tax and freight.

**PASSED AND ADOPTED** at a regular meeting of the City Council of the City of Sausalito on the 1st day of June, 2010 by the following vote:

**AYES:** Councilmembers:  
**NOES:** Councilmembers:  
**ABSTAIN:** Councilmembers:  
**ABSENT:** Councilmembers:

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MAYOR OF THE CITY OF SAUSALITO

ATTEST:

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CITY CLERK



Quote No. 32610

630 EUBANKS COURT SUITE K (800) 677-6661 Fax: (707) 446-7933  
 VACAVILLE, CA 95688

**QUOTATION**

**Customer**

Contact JONATHON GOLDMAN  
 Company CITY OF SAUSALITO  
 Address 420 LITHO STREET

City SAUSALITO  
 Phone 1-415-289-4192

State CA Zip 94966  
 Cell 1-415-726-1653

Date 3/26/2010  
 Expiration 6/26/2010  
 Salesman GORDON WHITE  
 Terms Net 30  
 Delivery TBD  
 FOB IND

Item	Qty	U/M	Part No.	Description	Unit Price	TOTAL
1	1	ea	S660-36-ATO	.393 Champion Rodder, Truck Mounted NO CHASSIS  AS PER ATTACHED SPECIFICATIONS DATE 031510	\$103,498.00	
				Sub-total	\$103,498.00	
				Tax @ 9.00%	\$9,314.82	
				Freight	\$4,000.00	
				<b>Total Delivered Price</b>	<b>\$116,812.82</b>	

**Weco . . . . .**

Offering Complete Solutions  
 For Our Municipal and Contractor Customers  
 Visit our web site- <http://www.wecoind.com>

Subtotal  
 Shipping & Handling  
 Taxes  
 Other  
**TOTAL**

4817

**CITY OF SAUSALITO**  
**Truck Mounted Continuous Rodder**  
**Technical Specifications**  
**03-15-10**

**General:**

Truck mounted power rodder. Power rodder to be hydraulically driven through PTO.

**Performance:**

Pulling Capacity:	Nominal 7,000 lb.
Rod Speed:	Nominal 120 FPM low / 200 FPM high
Rod Diameter:	.393"
Rod Capacity:	2000'

**Hydraulic System:**

The rodding machine shall be 100% direct hydraulic drive with no chains or other mechanical power transmission devices drive, head gear assemblies excepted. The hydraulic power transmission system shall include and conform to all of the following:

- a. System to be open center
- b. Pump: Fixed displacement two section – 24 GPM and 12 GPM at 1800 RPM.
- c. Return line filter: 100 mesh with replaceable element. Mesh strainer/breather at tank inlet. Two (2) ball valves, one on inlet and one on outlet of filter to allow replacement of the filter without the loss of hydraulic fluid.
- d. Reservoir: To incorporate 4" x 6" rectangular tubing in frame for maximum heat dispersion. Minimum total reservoir capacity to be 28 gallons. Fluid level indicator in plain view of operator. Manual shut valves to be in supply line.
- e. Hydraulic Hoses: Pressure hoses to be SAE 100R1, SAE 100R2, SAE 100R9, wire braided pressure hose with permanently attached steel couplings. Suction hose to be SAE 100R4 suction hose with permanently attached steel couplings.
- f. Hydraulic Fittings: All joint industry conference (JIC) thread are SAE 37 degree flare type. All straight thread O-ring fittings are to be SAE tolerance (class 2A/2B standards). All pipe threads are NPTF/NPTM national pipe thread tolerances.
- g. Hydraulic fluid: 32 heavy-duty anti-wear hydraulic fluid or equal.

**CITY OF SAUSALITO**  
**Truck Mounted Continuous Rodder**  
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**03-15-10**

**Control Station:**

All controls and instruments at a single location at **rear passenger side** of vehicle, all rod movements to be controlled by single unitized control handle. All gauges and controls to have engraved labels. Controls and instrumentation to include:

1. Throttle control
2. Pressure Gauges: lateral, rotation
3. Pressure controls, lateral rod control, rotation rod control
4. Rod footage meter self canceling, and Rod footage meter Cumulative
5. Engine tachometer and hour meter, all in one gauge
6. Control panel light
7. Plexiglas viewing window

**Rodder Mechanism:**

**Frame Construction:** Main frame of the power rodder shall be constructed from rectangular structural steel tubing. Tubing must be steam cleaned inside and out prior to assembly. Frame must have internal baffle in hydraulic section to insure complete heat dissipation and precipitation of solids from hydraulic fluid. Vertical uprights must be constructed so that the entire machine is at 15-degree angle to the rear to lower the height of the operator station. All welds by mig process. Frame leak tested to 5 PSIG.

**Reel Cage Housing Construction:** Reel cage housing to be constructed from rectangular structural steel tubing. All corners mitered and gusseted with 1/2" HR steel plate. Reel cage housing to be on main-frame by heavy duty pillow block bearing at two points with welded stops for rigidity. Housing to incorporate fixed guide from drive head to rod reel. Guide to be spiral type to allow accumulated material to escape and must be constructed from .461" spring steel wire for maximum wear resistance. Guide should also include adjustable roller to reduce stress on rod.

**Rod Reel Construction & Installation:** Rod reel to be constructed from 7/8" diameter H.R. round stock. Reel to have a minimum of 12 spokes diagonally braced to hub. Diameter of completed reel to be 74" to prevent a "set" from occurring in 393" sewer rod. Rod reel to incorporate flat band (3/16" x 4-1/2" H.R.) around circumference to reinforce spokes, provide area to support rod, and facilitate rod installation. Rod reel hub to be manufactured from 2" CR stress proof steel supported on each end by 2" four bolt flange bearings. Flange bearings to be mounted with wedge spaces to align bearings with angle of reel. Retaining ring to be fixed to reel cage housing to provide safe containment of rod in reel.



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Drive Head Design: Rod drive head to contain three pairs of drive rollers directly driven through pinion gears by two hydraulic motors. Three drive rolls to be mounted on stationary shafts attached to side plates. Three opposing drive rolls to be mounted on adjustable shafts to compensate for wear. Clamping force on drive rolls to be applied hydraulically with pressure proportional to pulling or pushing force to eliminate excess wear in light rodding conditions and to allow maximum torque during heavy load conditions. Hydraulic tension to be applied directly to drive roll shaft.

- a. Drive Rollers: Drive roll gears to have rolled instead of cut teeth, and to be pressed directly onto machined drive roll with a minimum of two setscrews or drive pins to eliminate movement and slipping. Drive rolls to ride on a minimum of two radial and two thrust bearings. Bearings to accept a minimum of 1-1/4" diameter stress proof drive rolls shafts.
- b. Hydraulic Drive: Hydraulic fluid to be plumbed directly from lateral valve through hydraulic swivel barrel to drive head. All plumbing to motors to be steel tubing with J.I.C. flare type fittings. No black pipe or flexible hoses to drive motors. Lateral drive to feed motors in a parallel fashion for low speed - high torque drive, and in a series fashion for high speed – low torque drive. Gearing to be internal for structural integrity, to shorten span between torque load points, and to eliminate additional wear points associated with chains, keyways, bearings and shafts.
- c. Drive Head Housing Construction: Drive head housing to be of welded construction, composed of 1/2" #1018 C.R. side plates, 3/4" #1018 C.R. end plates and incorporating welded rod guide bushings and drive head spool shaft. Side plates to be precision machined in pairs to insure perfect alignment. Assembly to be jig welded. Drive head spool shaft to be machined after assembly to insure trueness.

**Final Assembly - Finish:**

Paint: Entire rodder assembly to be primed and shrouded with 16 gauge steel sheet metal and painted with a minimum of two coats of primer and two coats of acrylic enamel paint with hardener prior to mounting on truck bed. Shroud to be removable in sections for access to components for repairs. Screened access openings to be included in reel cage shroud in place.

Truck Bed - Construction: Rodder truck bed to be constructed from 12 gauge smooth steel sides with 12 gauge thread plate load areas. Structural framing and rear bumpers to be integral and constructed from 4" x 5.4# H.R. channel. Truck bed to incorporate wheel chock holders, quadrant storage, and full I.C.C. lighting. Stop, turn, and back-up lights to be flush mounted in rear panel with replaceable lenses.

**CITY OF SAUSALITO**  
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**Tool boxes:**

Two (2) toolboxes will be provided and located in the skirt area of the platform, one on each side ahead of the rear wheels. These toolboxes shall be as large as space permits. A shelf with front lip shall be installed midway in one toolbox on the drivers side toolbox. All compartments shall contain "Dri-Deck" on the floor and shelves and the toolboxes shall have drain holes. All compartments shall have paddle type latches all keyed alike. All compartments shall have automotive bulb style weather-strip. The weather strip must not impede closure of the toolbox.

**Warning lights and work lights:**

Directional arrow bars (2) Model Able 02.6052 with factory controls, shall be provided on the front and rear rodder cowling. (2) standard beacons shall be provided.

The rodder shall include an adjustable floodlight mounted on top of the working end of the rodder to illuminate the rear working area with a switch mounted on the control panel.

**Equipment:**

A rod guide hose support with 2" male Cam-loc fitting shall be mounted at the operating end of the rodder. It shall be hanging by an adjustable chain.

A rod oiler, wiper clamp and one bag of extra pads shall be supplied with the rodder.

Provide and install a rod bending block on the rear of the rodder

A swivel padded seat with arm rests shall be provided at the operator station. A umbrella Over seat shall be provided.

A backup alarm rated at 95 decibels shall be installed.

Two (2) cone holders will be provided, one (1) on the front bumper, one (1) on the rear drivers side of the rodder.

All labels shall be engraved labels.

A water wash down system shall be provided. System to include: 25' x 5/8" hose mounted on a retractable hose reel, 30 gallon water tank with pump, and a wash down gun shall be provided.

Install extra lock for drive head (Total of 2).

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**Tools and Accessories:**

- 1 = 18 foot lightweight guide hose with 2" female cam-loc fitting and bell at other end.
- 1 = 7 foot lightweight guide hose with 2" female cam-loc fitting and 2" male cam-loc fitting at other end.
- 1 = rod guide manhole brace
- 1 = rod guide stand
- 1 = each of a 4", 6", and 8" square bar corkscrew with 3/8" adapter rods
- 1 = each of a 4", 5", and 8" concave root saws with 3/8" adapter rods
- 1 = each of a 4", 6", and 8" three blade flat cutter with 3/8" adapter rods
- 5 = .393 to 3/8" set screw couplings
- 5 = .393 left hand fine nuts
- 2 = 3/8" assembly wrenches

**Continuous Rod:**

Rodder to be provided with a minimum of 1400' .393" certified continuous sewer rod.  
Rod material to be composed and manufactured primarily for sewer rodding purposes.

- a. Tensile Strength: 200,000 to 225,000 PSI
- b. Hardness: 40.0 to 43.0 R.C.
- c. Diameter: .393" +/- 0.0003"
- d. Ductility: Bend 90 degrees at 0.125" radius
- e. Torque: Optimum torque versus ductility

**Warranty:**

Rodder to be warranted to be free from defects in material and workmanship for a minimum of one year from delivery to final user.

**End:**