



CITY MANAGER'S REPORT

AGENDA ITEM REQUEST

PURCHASING DEPARTMENT

TO: Ed Lavalley, City Manager *[Signature]*

THRU: Linda Senne, Finance Director *[Signature]*

FROM: Peter Boers, Procurement Manager *[Signature]*

DATE: October 5, 2016

COUNCIL MEETING DATE: October 25, 2016

SUBJECT: Purchase of Curotto-Can Automated Solid Waste Collection System from Tampa Crane and Body, Inc. in the Amount \$107,136.

Background:

On August 23, 2016 City Council heard a presentation from the Solid Waste Stakeholder Group on a Pilot Project for Automated Residential Solid Waste Collection. That presentation included the attached proposal with a budget figure of \$125,000 for truck conversions. Upon hearing that presentation City Council approved a motion for the pilot program with funding from the solid waste fund instead of the one-cent sales tax.

The Currotto-Can is a robotic arm that collects multiple size carts of garbage from the curb and deposits the contents into the front of the truck. There are several methods used in automated garbage collection (Robotic arm). Generally, when a new truck is ordered, it is designed specifically for automated collection. Most of these type units are "side-loaders". The City of Venice uses front loader trucks which allow for a one-man operation. The best way to convert these types of trucks (for automation) is to outfit them with a "Currotto-Can" which mounts to the front of the truck and previously supplied hydraulics are hooked up for operation. Further, these front loading trucks can do double duty, picking up commercial accounts, by unhooking the can. The Fleet Manager has researched the market and concludes there are no other manufacturers who make an automated can for front loaders. To verify this conclusion, the City posted A Notice of Intent to Sole Source purchase on DemandStar for seven (7) consecutive days. No responses were received to propose a comparable product.

Requested Action:

Approval of a Sole Source Purchase of Curotto-Can Automated Solid Waste Collection System from Tampa Crane and Body, Inc. in the Amount \$107,136.

City Attorney Review: N/A

Risk Management Review: N/A

Funds Availability (account number): Funds are available in the Solid Waste Fund in FY 2017.

Attachments

CC: John Veneziano
Bob Moroni
Peter Lilholt

approved. The motion failed due to lack of a second.

C. ORDINANCES

[ORD. NO.
2016-05](#)

An Ordinance of the City of Venice, Florida Amending the Code of Ordinances, Chapter 62, Streets, Sidewalks and Other Public Places, by Adding Article VI, Mobile Vending; Establishing Regulations for Mobile Vending; Providing for Severability; and Providing an Effective Date

This Item was pulled for a future agenda.

[ORD. NO.
2016-13](#)

An Ordinance Amending City of Venice Ordinance No. 2015-19 Which Adopted the Official Budget of the City of Venice, Florida for the Fiscal Year Beginning October 1, 2015 and Ending September 30, 2016; by Increasing the Total Revenue by \$1,470,834 and Total Expenditures by \$1,470,834; and Providing for an Effective Date

A motion was made by Council Member McKeon, seconded by Council Member Gates, that Ordinance No. 2016-13 be approved on first reading and scheduled for final reading. The motion carried by the following vote:

Yes: 7 - Mayor Holic, Mr. McKeon, Ms. Gates, Mr. Daniels, Ms. Anderson, Mr. Cautero and Mr. Fraize

D. PRESENTATIONS WILL BE HEARD AT APPROXIMATELY 1:00 P.M. - AGENDA ITEMS MAY BE DELAYED OR MOVED FORWARD TO ACCOMMODATE PRESENTATIONS

[16-2182](#)

Sarasota County Planning and Development Director Tom Polk: Impact Fees (15 min.)

[16-2183](#)

Assistant City Attorney Kelly Fernandez and City Engineer Kathleen Weeden: Proposed Revisions to Sarasota County's Park Impact Fee Ordinance (10 min.)

[16-2197](#)

Solid Waste Stakeholder Group Chair Lee Lichtle: Pilot Project for Automated Residential Solid Waste Collection and Request to Purchase Equipment Upgrades and Collection Carts using One-Cent Sales Tax in the Amount of \$300,000

A motion was made by Council Member Cautero, seconded by Council Member Daniels, to approve Item No. 16-2197 with funding from the solid waste fund instead of the one-cent sales tax. The motion carried by voice vote unanimously.

[16-2184](#)

Finance Director Walt Pierce: Monthly Financial Report Through July 2016, Impact and Extraordinary Mitigation Fee Report and Investment Report

[16-2185](#)

Public Works Director John Veneziano: City Maintenance of Traffic Lights (5 min.)

City of Venice
Public Works Department
Solid Waste and Recycling Division

Pilot Project for Automated Residential Solid Waste Collection

Background:

The City of Venice currently collects trash using a one-man crew. The driver jumps out of the truck and lifts and empties trash cans into a container at the front of the truck and then jumps back in the truck and drives to the next stop. When the container is full, the contents are dumped into the bed of the truck and compacted. This process is physically demanding for the driver, shortening careers and creating opportunities for workers compensation claims. This type of operation limits collection to about 800 homes per route per day.

Proposal:

Purchase equipment using one-cent sales tax funds to allow for conversion of several trucks into automated collection vehicles. With automated collection, the driver maneuvers the truck next to a specially designed trash container. The equipment grasps the container, lifts it and dumps it using the truck's hydraulic system. The pilot program will involve all the Wednesday-Saturday routes, roughly 3,000 homes in total or about one-third of the single-family residences. The success of this pilot program will serve to direct future automated implementation plans. The city owns several trucks that can be converted at a cost of about \$30,000 each. Currently, the carts costs about \$50 apiece. To account for varying storage capacity in city neighborhoods, the city can choose to offer up to three different size carts.

Benefits of Automation:

- Solid waste collection efficiency will increase 25% to about 1,000 homes per route per day.
- The Solid Waste and Recycling Divisions will be better able to absorb many of the new homes planned for Venice.
- Decrease in workers compensation claims.
- Decrease in health care costs.
- The pool for new hires will be much larger and more diverse than it has been in the past.

Budget:

Truck conversions:	\$125,000
Trash cans:	<u>\$175,000</u>
Total:	\$300,000

Relationship to City Council's Strategic Plan:

Goal One: Keep Venice Beautiful and Eco-Friendly
Fewer emissions per collection.

Goal Two: Provide Efficient, Responsive Government with High Quality Services
More efficient operation

Goal Three: Ensure a Financially Sound City
Better use of fiscal resources



City of Venice, Florida

Notice of Intent to Award a Single/Sole Source Procurement Curotto-Can Automated Solid Waste Collection System

Date September 20, 2016

Written Response Due: Wednesday, September 28, 2016
Time: 2:00 PM
Electronic Address: pboers@veniegov.com
Fax Number: 941-486-2790

This is not a Request for Proposals and there is no solicitation available. The proposed contract action is for product or services for which the City intends to negotiate and award with only one source under the authority of and in accordance with Florida State Statute 287.057(3)(c). Any responses received as a result of this Notice of Intent shall be considered solely for the purpose of determining whether to conduct a competitive procurement. Responses will not be considered as proposals, bids, or quotes.

The City of Venice, Florida intends to negotiate sole-source procurement for **Curotto-Can**. The City would contract this procurement with **Tampa Crane and Body, Inc.** of Tampa, FL. This is an acquisition with an estimated value of \$ 107,136.00

Interested firms or individuals may identify their interest and capability to respond to the requirement by submitting in writing their name, address, point of contact, telephone number, email, and a statement regarding capability to provide the specified procurement per the attached specifications. Interested firms will be considered only if they respond with clear and convincing documentation that they are capable of meeting or exceeding the requirements stated herein. All responses received within seven (7) business days after the date of publication of this synopsis will be reviewed by the City. A determination by the Procurement- Finance Department not to compete this proposed action based on the responses to this notice is solely within the discretion of the Procurement- Finance Department.

All responses must be in writing and returned to ATTN: Peter Boers, Procurement-Finance Department, City of Venice, 401 W. Venice Ave, Venice, Florida, 34285 by: Facsimile number 941-486-2790, e-mail pboers@venicegov.com or electronic response through DemandStar. Note the number of the Sole Source Information inquiry on documentation.



Curotto-Can

Commercial Gripper

Curotto-Can 300 HD

Curotto-Can Automated Carry Can

2

Like

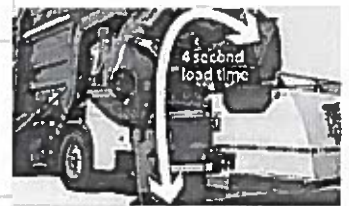
Tweet

The Curotto-Can Automated Carry Can has the fastest load time of any automated system on the market and delivers a proven 25% to 30% productivity advantage over automated side loaders. By using the robust reliability of a front loader, this carry can delivers game-changing performance that will enable you to service more customers, more quickly, in more applications.

Key Benefits:

- Fastest load time - 4-5 seconds from wheel-stop-to-wheel-go
- Arm can be removed and replaced in two minutes
- Eliminates cost of cart loss and damage
- Utilizes the robust reliability of the front loader platform
- Operators can preview material before it is packed
- Loads bulk material like a rear loader (eliminates chase vehicle)
- Never have to replace a floor from packer wear
- Radically more maneuverable - 25% faster around cul-de-sacs
- No prox or limit switches and no logic and/or driver cards
- Maintenance and repair done with both feet on the ground
- Eyes-always-forward operation - no looking backward, ever
- Hopper is 4x larger than ASL (capable of taking large bulk)
- Can be used as a commercial front loader without compromise

Product Features



The longer the loading cycle the lower your productivity. With the Curo system, stop time (as measured from wheel stop to wheel go) is 4-5 seconds as compared to 12-18 seconds for ASL.

The main innovations of the Curotto-Can

The Curotto-Can automated carry can has three main design innovations

A - the arm is forward of the steer axle

Because the arm is forward of the cab and steer axle it behaves like a boom. This unique feature enables the Curotto-Can to easily move around parked cars and cul-de-sacs – up to 20% faster in an independent comparison. Better maneuverability means fewer backing events resulting in improved productivity and enhanced safety.

AFL Means Safety

The Curotto-Can is the only automated system that provides an “Eyes-Forward” working environment and results in improved operator and public safety. Drivers aren’t required to “rubber neck” 1,000 times a day, in contrast to ASLs, drastically reducing Repetitive Stress Injury risk. Eyes-Forward collection improves driver awareness and focus, reducing the chance of personal property damage (mailboxes etc) and general public injury due to driver error. These inherent safety benefits combined with fewer backing events make a front loader equipped with a Curotto-Can THE choice for automation.

Contamination Mitigation

The Curotto-Can is the only automated system that allows the driver to see material before it's packed. You can stop contamination in any stream at its source – the curb. Identifying and safely removing contamination while recording violations ensures clean waste streams. Curotto-Can users enjoy contamination rates as low as 4% while communities using ASLs suffer 25% contamination. Collecting clean material is a major cost avoidance and mitigates the risk of culling, handling, and disposing of contamination.

B — Utilizing the Front Loader Platform

Payload Leader

Simple math: more load capacity means fewer trips to the landfill! On average, ASLs have a capacity of a little over 30 cubic yards. By comparison, front loaders have a massive 12-cubic-yard hopper plus a 28- to 31-cubic-yard body. This translates to higher route capacity serving more homes per route – especially on single stream routes. Moving more tonnage means fewer landfill trips and lower operating costs.

Fleet Optimization

Front loaders have a track record of robust construction and proven reliability, durability, and up time. Standardizing your fleet with the Curotto-Can system provides operational flexibility with fewer collection vehicle models to maintain. It can handle cleanups, bulk collection, commercial collection, single-stream routes, and green waste.

Susan Carpenter

From: Peter Lilholt
Sent: Tuesday, September 13, 2016 3:14 PM
To: Susan Carpenter
Subject: FW: Curotto Can

From Currotto can company

From: Adam Moore [mailto:amoore@thecurottocan.com]
Sent: Wednesday, August 24, 2016 8:29 AM
To: Peter Lilholt <PLilholt@Venicegov.com>
Cc: John Veneziano <JVeneziano@Venicegov.com>; Bob Moroni <BMoroni@Venicegov.com>; bglover@tampacrane.com
Subject: RE: Curotto Can


Hello Peter,

I did receive your voicemail a couple of days ago and passed that off to your local Curotto Can dealer Tampa Crane and Body to follow up with you. Hopefully that happened.

All Curotto Can authorized dealers across the country have dedicated territory. Curotto Can only sales direct to the dealers and large key account haulers (Republic, Progressive, etc.).

The delivery lead-time is running four weeks out currently from the time the order is placed. Depending on when the PO is received we may be able to speed that lead-time up as well.

I look forward to receiving your order from Tampa Crane and Body. Tampa Crane and Body's contact info below.



**TAMPA CRANE
& BODY, INC.**

Phone: 888.922.7263 | 813.246.5510
Email: info@tampacrane.com

