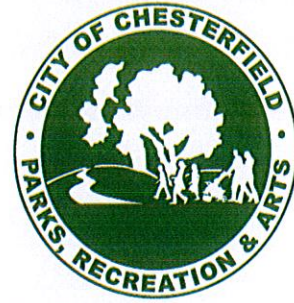


Memorandum

#3

To: Mike Geisel, City Administrator
From: Tom McCarthy
Director of Parks, Recreation and Arts
Date: 7/03/18
Re: St. Louis County Waste Reduction Grant



We received confirmation on June 15, 2018 that we will be receiving the St. Louis County Waste reduction grant for this year from the St. Louis County Health Department. The grant consists of twenty four recycle units and signage for the F quad at the CVAC, and 220 composting units that we will sell for around \$25-\$30 each. We will set aside 20 units for local school environmental programs to be included as an outreach portion of the grant. The grant from the County covers 100% of the cost. We will need to purchase the units and supplies upfront and we will be reimbursed after we submit completed payment records to St. Louis County. I am requesting the funds come from the Parks Fund Fund reserve account in the amount of \$24,802.21. Our balance in the Parks Fund Fund reserve account as of June 5, 2018 from Finance Director Chris DesPlanques is right at \$2,600,000

I would like to request the Parks, Recreation and Arts Committee of Council approve and forward the recommendation on to the Full Council for approval.

Attached is the grant request that was submitted and the e-mail from Sarah Staebell, Environmental Specialist from the St. Louis County Department of Public Health.

*Forward to PR-ÉA
moy 7/5/2018*

Thomas McCarthy

From: Thomas McCarthy
Sent: Friday, June 15, 2018 4:05 PM
To: Darcey Capstick; Su Gosh; Jeanne Tevlin; Paul Travers; Terry grogan; Donna Pecherski; Jeanne Clauson; Ram Kurapati; Gary Sriperumbudoor; Laura Houck (l. j. houck@hotmail.com)
Subject: FW: 2018 grant

Have a wonderful weekend. I thought I would share the good news with everyone.

From: Staebell, Sarah
Sent: Friday, June 15, 2018 11:11 AM
To: Thomas McCarthy <TMcCarthy@chesterfield.mo.us>
Subject: 2018 grant

Good afternoon!

Your 2018 grant application has been approved for funding!

You have been awarded \$24,800.

Your grant liaison will be contacting you within the next couple weeks to go over your contract, get signatures, and meet with you to go over your project and expectations if you choose to accept this grant funding.

We wanted to share this good news to make Friday extra sweet for you, and will be in touch with more details soon!

Sarah Staebell
Environmental Specialist
Saint Louis County Department of Public Health
Waste Management Program
6121 N. Hanley Road
Berkeley, Missouri 63134



2018 Municipal Waste Reduction Grant Program Application

Please refer to the sample application in the grant instructions for guidance.
 Complete all sections or indicate N/A. Please limit text to the spaces provided.

Program Administrator (Contact Person):	
Name: Tom McCarthy	Phone: 636-812-9503
Title: Director of Parks, Recreation and Arts	Fax:
Municipality: Chesterfield	E-mail: tmccarthy@chesterfield.mo.us
Address: 690 Chesterfield Parkway West, Chesterfield MO	
Zip Code: 63017-0760	
Grant Funding Requested: \$24,802.21 Please estimate total amount of grant funding requested and complete the attached budget page outlining projected costs. Staff will meet with applicant to determine recommendation for final funding award amount).	
Municipal Population: 48,784	Total Number of One-and Two-Family Households: Single HH 23,682, Duplex/Townhomes 32
Waste Hauler: Republic Services	Total Number of Multi-Family Households: *3,229
Who Pays? ***** City Resident	Is weekly yard waste included? Yes No (optional service)
Tons of Trash Collected in 2017: 11,418.52	Tons of Recycling Collected in 2017: 4,796.74

Eligible Projects: Select one of the following for this grant application.

- Organics Management
- Electronic Education and Recovery
- Public Space Recycling
- Special Event Recycling
- Increase Commercial/Multi-family Recycling
- Other

Project Description: What are you going to do? Include what is targeted, who is targeted and target area if applicable. Identify partnerships and attach commitment letters from each partner identified in the project.

We have two parts to our grant proposal for this round. Part one (1) is to expand our public recycling in our Parks by putting in an additional 24 recycle bins at the Athletic Complex in quad F with signage on the recycle bins and signage on the current 24 trash/Landfill containers. We will also do a promotional piece in our City news letter when we roll out the new recycle units plus signage around the complex about recycling. Similar to last years grant for the Amphitheater. Along with regular updates and recycling tips in our City News letter, and in our Friends of the Park e-blast.

Part two (2) is to offer composting units to the first 220 residents that would like to start composting at their residence here in Chesterfield. The 220 composting units would also include and Orbis Compost turner and food scrape bucket. With the composting grant we will have an education component and a option for the composting participants to come to a class to learn best practices for back yard composting along with a composting articles and frequent tips on composting in our City News Letter. We would also do a survey and follow up story on some of our stellar composters.

How are you going to do it?

Resources- *List everything needed for the project, not just grant funded resources including:*

Who (subcontractor, city staff, volunteers, hauler, service providers); Awareness (graphic design, printing, mailing, web design, bins, advertising, workshops); Procurement (signage, dumpster enclosures, containers, service contract

Project 1. Recycle bins at the Athletic Complex, F Quad. We will need the following * (24) 32-gallon recycle receptacles, Diamond Pattern, color blue with 32 gallon round top lids, 32 gallon liner inserts, cable attachments. Copy of quote attached by custom Property Solutions * Two different styles of signs 18" x 16" full color digital, laminated on 040 aluminum, holes in corners for mounting. (24) for recycle bins, (24) for trash bins plus hardware to attach them to the containers. Copy of quote attached by Landmark signs. *Our hauler contract for trash and recycles is through the City with Republic Services, so there is no additional cost here or a charge for weighing. * Staff, Parks Director, Park Maintenance staff, Communication Specialist. *Volunteers from the CCE to help educate users at the Athletic complex on the weekends that we introduce the new recycle units. *

Project 2. Backyard Composting Bins (220) Orbis 80-gallon Earth Machine Composter units, (230) Orbis Compost Turners, (230) kitchen scrap buckets to collect scraps daily for the composter unit. (260) 8 1/2 " x 11" laminated, double sided, full color 'composting made easy' cards. *We will develop these in house with our Communications Specialist and with input from the CCE Committee (Citizens Committee for the Environment). These will be professionally printed by a local vendor. Quote attached. Staff needed: Director of Parks, Recreation and Arts to over see, Recreation Superintendent, class set up and distribution day at Recycle drive of units, Recreation Specialist to Assist in composting classes and distribution day. Communication Specialist to develop marketing campaign, write stories and put survey results together along with social media push and composting made easy card. Park Maintenance men to assist unloading units at delivery and distributing to Recycle event for distribution. Chesterfield Citizens for the Environment Committee members to assist in distribution of units at recycle day and to follow up on users to gather data for project results and assist the Communication Specialist on writing article for City Newsletter.

Major Activities- *List actions needed to implement the project including who, how, when and where and addressing: Planning; Outreach Strategies; Implement Service*

Project 1. Recycle units. City Staff involved in the project will be Tom McCarthy, Dir. of Parks, Recreation and Arts, Kari Johnson, Superintendent of Recreation, Courtney O'Donnell, Communication Specialist, Ashley Weidner, Recreation Specialist and Park maintenance Staff. Tom will oversee the project with assistance from Kari and Ashley. Courtney will put together the articles and promotional material for the Athletic complex. Park maintenance guys will put the bins together and empty the units. We will get a recycle dumpster so we can measure the overall recycling tonnage prior to installing the new recycle bins for one month and then we will measure the tonnage for one month after we install the recycle units to calculate the increase in recycling. We will work closely with Republic on this. *Volunteers from the Citizens Committee for the Environment (CCE) to assist with education at the Complex on what to put in the recycle bins and the trash bins during the first few weeks of the new recycle units going in at the F Quad.

Project 2. Composting bins. Tom McCarthy will coordinate overall program with the assistance of Kari Johnson, Recreation Superintendent. Tom will work with CCE to set up free classes for resident composter's and distribution of the bins, kitchen pots, and turners on a special compost pickup event and through our parks office if residents can't make the big pick up day. Kari will also work with our Administrative Assistant to set up and reserve units and collect the nominal fee of \$25 per unit package (composting bin, turner and a kitchen scrap collector bucket). With the \$25 fee per composting kit, we will re-invest the \$5,500 and purchase an additional 80 plus units for the residents. Tom and Kari will coordinate disbursement of the units. Steve Jarvis, Parks Superintendent, and Parks Maintenance workers will coordinate delivery, unloading and storage of units, turners and scrap buckets. Courtney O'Donnell, Communication Specialist, will write three articles on the project and promote it through our City newsletter for our residents along with the composting made easy cards. CCE will assist with running composting classes, promoting the bins and working with Courtney on the articles on composting for the City Newsletter. They will also promote the composting bins at Earth day in April of 2019, our fall recycle event on November 3, 2019 and at two additional Amphitheater events. Event one will be during one of our free Saturday night concerts where we traditionally have 4000-5000 people show up. The second event we will promote the composting bins will be at a family movie night where we have between 2000-4000 people show up. CCE will put together a survey for the people who get the composters and do a follow up on the use. Courtney will also do an indepth story on a family that has really taken the composting to the next level with their composter for a large City newsletter article. For the composting bin distribution there will be articles in the City Newsletter to promote the program and an education piece explaining the process to get a composting kit. An application will be made available for the residents to apply for the Composting kit and the \$25 will be due at the time of signing up. The bins will be awarded on a first come first serve basis and we will continue to promote the program until we are out of bins. An Application will be developed in hard copy and on line so we can reach the most residents possible and make things as easy as possible for them to sign up for their composting Kit. With the application we will require proof of residency, name and address, phone number and e-mail information so we can later send out the surveys. I am envisioning two or three surveys at least. One a month or two after distribution. One six months in and maybe a third to see if they are continuing with the use of the composter. We may also look at asking the Composter recipients if they are not using their composter would they be willing to let someone else adopt it so it goes to good use. Recycling the composter to another family.

Results- *If you have the resources and do the activities, what are your results that will be reported i.e.:*

Number of Events; Participation; Outreach and Awareness; Pre-and/or Post Survey; Tons/Pounds Recovered

Project 1. Recycle Units. If the recycle bins get funded, we can work with Republic Services and do a similar weighing of recycle and trash coming out of the F Quad. Similar concept to what we did at the Amphitheater. We will accomplish this by putting in a separate trash and recycle dumpster for (4) weekends before the units go in at the F quad, so we have a base weight. Then weighing at four events after we put the units in to see how the recycle tonnage goes up and the trash tonnage goes down. We will also do an ad campaign in our City Newsletter, posters at the complex, signage on the bins like we did at the Amphitheater, fliers and information to the sports groups that participate on the F Quad. CCE will also do a campaign to help the users of the sports complex understand what can go in the bins and a survey on the education of the recycle bins and what can go in the trash bins. If the results come back positive, we will look at expanding the recycle units throughout the other (13) baseball softball fields, (16) multi-sport fields, and (6) volleyball courts. Project 2. Composting Units. If the composting bins get funded we will keep track of the number of participants that sign up for the classes and we will have CCE do a survey that will be sent to all residents that get the units. We can then publish an article on how the project went over and what the average composting weight saved from going into the dump per household was based on the data we get back from the survey results. We will also have an educational outreach program that the CCE Committee and Park, Recreation and Arts staff will develop to offer composting bins to the Chesterfield Schools at no cost along with a presentation and start up program so the kids at school can see the benefits of using a composting unit. Many of the school currently have pollinator gardens, native areas and some have vegetables gardens the compost could be used at.

Total Project Costs	
A. Subcontractor Costs: a. NO SUBCONTRACTING COST b. c. Total Subcontractor Costs (\$) = \$0	\$0
B. Direct Costs: a. 24 blue recycle bins, with liners and lids b. 26 recycle signs, 26 landfill signs (2 spares each for d) c. 220. compost bins. 240 Comp Turners. 240 Kitcen buc d. 260 composting made easv laminated cards Total Direct Costs (\$) =	\$ 9,953.44 \$ 721.97 \$13,863.80 \$ 263.00 Total \$ 24,802.21
C. Other: a. We will cover all staff cost in house with b. See attached sheet for breakdown of staff cost c. 1. Recycle project d. 2. Compost program Total Other Costs (\$) = \$4,863.49 (Staff cost covered in house)	
\$24,802.21	

This grant application will be included in the final grant contract agreement, should a grant award be made for this project. Signature indicates that applicant understands the following commitments and that all information that is provided in this application is accurate to the best of their knowledge.

- a. Commit to submitting a Resolution supporting the grant passed by their governing body. The Resolution can be attached to the application or submitted during the contract process.
- b. Commit to provide participation rate, quantities of recyclables recovered, refuse generated per household, and/or other pertinent information depending on the type of project in order to measure success of grant project.
- c. Commit to gaining cooperation and input from residents, hauler(s), and others.

Authorized Official (printed): Tom McCarthy Date: 5-17-18

Signature: 

Custom Property Solutions



253 Chestnut Hill Dr.
 Ofallon, MO 63368
 636-293-8764 Fax 636-561-0226
 ron@custompropmo.com

QUOTE
Project 1

QUOTE: 4 25 18 TRASH REC
 DATE: 4/25/2018

BILL TO:
 Chesterfield Parks

SHIP TO:
 Chesterfield Parks

P.O. NUMBER	SHIPPED VIA	F.O.B. POINT	TERMS

Item #	QTY	DESCRIPTION	List price	Unit Price	TOTAL
TEX-32	24	32 Gallon Trash Receptacles, Diamond Pattern, Blue		240.00	5,760.00
RT-32	24	32 Gallon Round Top Lid - Blue		92.60	2,222.40
PL-32	24	32 Gallon Liner -Black		42.56	1,021.44
Cable	24	Cable Attachment		22.90	549.60
			SUBTOTAL		9,553.44
			SALES TAX		
			SHIPPING & HANDLING		400.00
			TOTAL DUE		9,953.44

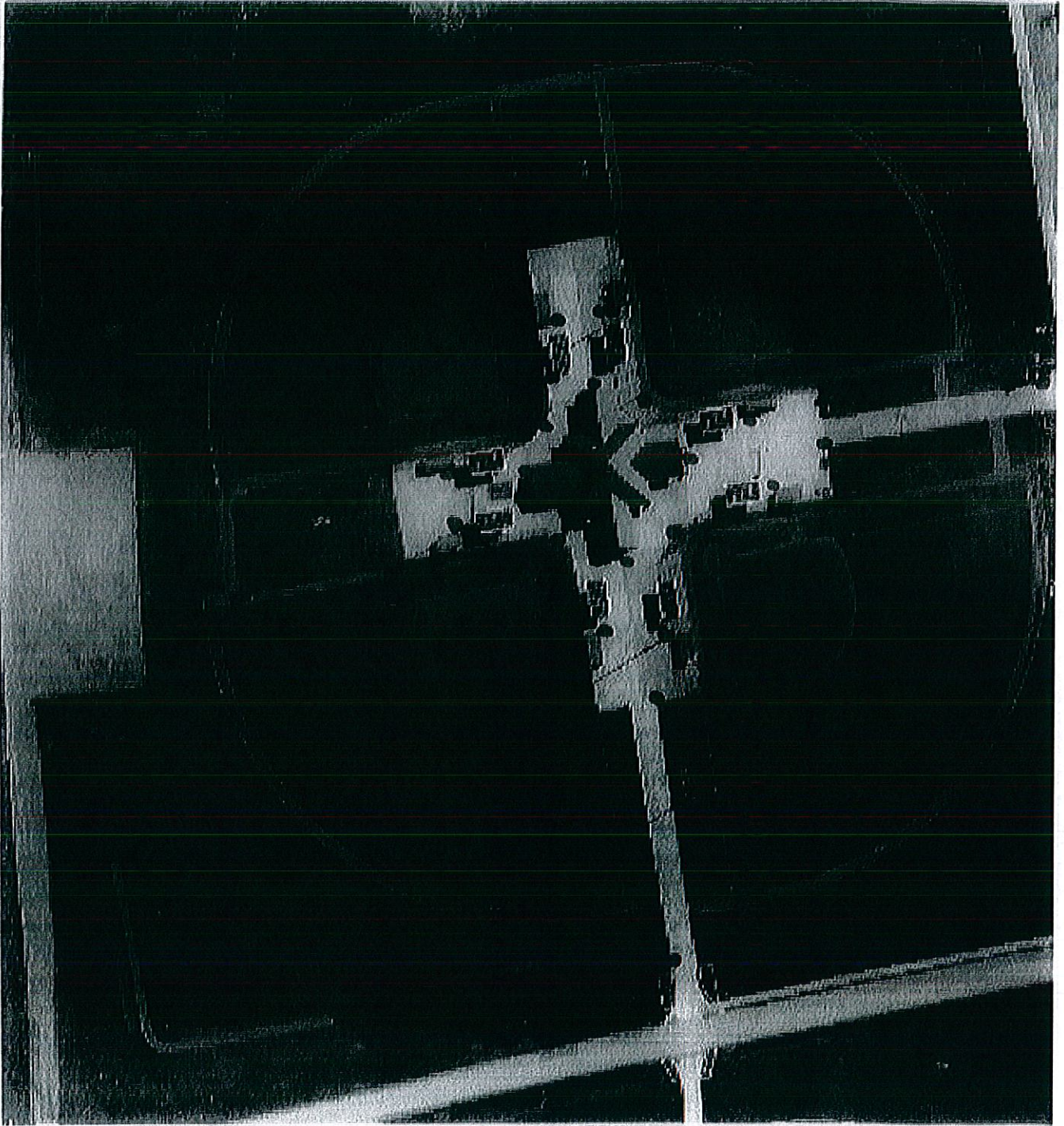
Make all checks payable to Custom Property Solutions
 Payment terms: Net 30 days
 If you have any questions concerning this invoice, contact Ron Gable 636-293-8764 or Ron@Custompropmo.com

Thank you for your business!

Sample of
the containers.
Blue ones are
the ones we
will purchase
for recycling



F Guard
24 units (Red)





Landmark Sign Company
 175 Chesterfield Industrial Blvd.
 Chesterfield, MO 63005
 Ph: (636) 536-0400
 FAX: (636) 536-0400 call first
 Email: info@landmarksignusa.com
 Web: www.landmarksignusa.com

Project #1

Estimate #: 8283

Created Date: 4/26/2018 3:06:33PM	Prepared For: City of Chesterfield - Parks
Salesperson: House Account	Contact: Tom McCarthy
Email: info@landmarksignusa.com	Office Phone: (636) 812-9503
Not Specified: (636) 536-0400	Office Fax: (636) -
Fax: N/A	Email:
Entered by: Mike Butler	Address: Chesterfield, MO

Description: Reorder: Landfill Signs

		Quantity	Unit Price	Subtotal
1	Product: Digital Print Description: landfill signs 26 - 18" x 16" full color digital laminated applied to 040 aluminum holes in corners for mounting	26	\$27.77	\$721.97

Sample signs attached

Subtotal: \$721.97
Total: \$721.97

Client Reply Request

- Estimate Accepted "As Is". Please proceed with Order.
 Changes required, please contact me.

Other: _____
 SIGN: _____ Date: / /

Print Date: 4/26/2018 3:06:40PM

SYSTEMEstimate_Estimate01

"Your image. Done right."

TRASH ONLY

NO PLASTIC, PAPER OR CANS,
PLEASE.

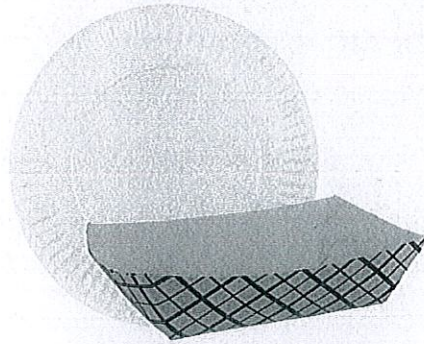
Saint Louis
COUNTY
PUBLIC HEALTH
REDUCE • REUSE • RECYCLE
GO GREEN!



RECYCLING



PLASTIC



PAPER

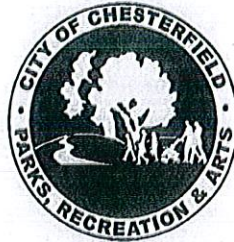


CANS

CONTAINERS MUST BE EMPTY
TO BE RECYCLABLE.
NO TRASH, PLEASE.



Saint Louis
COUNTY
PUBLIC HEALTH
REDUCE • REUSE • RECYCLE!
GO GREEN!





12976 Saint Charles Rock Road, Bridgeton, MO 63014
o. 636-947-5959 f. 314-739-4911 republicservices.com

May 15, 2018

Tom McCarthy
Parks, Recreation and Arts Director
City of Chesterfield Missouri

RE: Hauler Commitment of Services

Republic Services, with our commitment to the City of Chesterfield, will monitor and weigh the recycling pickups in the month of July 2018 with the current recycle units and then again in July of 2019 to track the difference of tonnage collected with the roll out of the twenty-four (24) new recycle units placed in the F quad at the Chesterfield Athletic Complex.

We will assist as needed to aid the City on their efforts to improve recycling at the Chesterfield Athletic Complex. This material will be taken to our Material Recovery facility in Hazelwood Missouri.

Republic Services is a nationwide waste and recycling company In the St. Louis area, we operate out of Bridgeton, Missouri Republic Services owns and operates two material recovery facilities and one landfill in the area. We will also assist in the second portion of their grant project on composting with educational material and additional articles for publication in their City Newsletter.

A handwritten signature in black ink that reads "Stephen Herring". The signature is written in a cursive style with a large, looped "H" and a long, sweeping underline.

Stephen Herring
Marketing/Residential Sales
Republic Services
12976 St. Charles Rock Road
Bridgeton MO 63044



Powered by Menasha Corporation

1055 Corporate Center Drive
Oconomowoc, WI 53066-0389
Ph: 800-999-8683 Fax: 800-999-4211
www.orbiscorporation.com

QUOTATION

OUR QUOTE NUMBER	QUOTE DATE
255658.3	05/15/2018
PLEASE REFER TO ABOVE QUOTE NUMBER ON ANY INQUIRIES OR CORRESPONDENCE	

Prices guaranteed for orders placed by: 06/02/2018

THIS QUOTE PROVIDED FOR:	SHIPPING INFO:	PURCHASING TERMS:
CITY OF CHESTERFIELD 690 CHESTERFIELD PARKWAY WEST CHESTERFIELD, MO 63017-0760, US Thomas McCarthy tmccarthy@chesterfield.mo.us	CITY OF CHESTERFIELD 17891 NORTH OUTER FORTY CHESTERFIELD, MO 63005, US	Payment Terms: TERMS PENDING APPROVAL Freight Terms: DDP Destination City (Duty Paid) Currency: USD Importer of Record: ORBIS
SALES CONTACT	TO ORDER	
Art McKenzie P: (416) 745-6980 F: (416) 745-4478 art.mckenzie@orbiscorporation.com	By Email: art.mckenzie@orbiscorporation.com Questions? Contact Customer Support at 800-558-9563 (USA) or +52-472-135-0400 (Mexico) Please provide your email address to receive an order acknowledgement and shipping details. ** Contact Sales or Customer Support for current lead times **	

QUOTE DESCRIPTION: CITY OF CHESTERFIELD - EARTH MACHINE COMPOSTERS (VARIOUS QUANTITIES)

Line	Product/Description	Shipping Point	UOM	Qty	Net	Extd
1	1102733 ENVIRONMENTAL - 80 GALLON EARTH MACHINE - COMPOSTER - ASSEMBLY, NPL300 Color 1: BLACK Material: POLYETHYLENE-Z Features 1: PACK: 20/WOOD PALLET Features 2: TRILINGUAL MANUAL 15 SKIDS 5476#	REXDALE, ON M9V 3Y6 DELGRP #: 1	EA	220	\$42.29	\$9,303.80
2	1102189 ENVIRONMENTAL - COMPOST TURNER - COMPOSTER - , COMPOST TURNER Material: STEEL Features 1: STANDARD	REXDALE, ON M9V 3Y6 DELGRP #: 1	EA	240	\$15.00	\$3,600.00
3	1106943 ENVIRONMENTAL - ORGANICS - KITCHEN COLLECTOR - ASSEMBLED, NPL390 Color 1: BEIGE/WHITE Material: POLYETHYLENE Features 1: SOLID LID Features 2: W/ BAG HOOKS	REXDALE, ON M9V 3Y6 DELGRP #: 1	EA	240	\$4.00	\$960.00

Total: \$13,863.80

Quote Comments:

Freight charges resulting from customer requested product consolidation at a single ORBIS facility are the responsibility of the customer.

This transaction will be governed exclusively by ORBIS' Terms and Conditions of Sale located at: <http://www.orbiscorporation.com/Terms-and-Conditions-of-Sale>, which are incorporated herein by reference.

IMPORTANT!!!! ISPM15 (wood packaging requirements) regulations may apply - refer to T&C for further details.

Due to the volatility of raw material, prices are subject to change at any time. ORBIS reserves the right to re-negotiate prices on all accepted purchase orders that remain open for more than thirty (30) days.

ORBIS Corporation reserves the right to change product specifications without notice. All dimensions and specifications are approximate and may vary. Performance characteristics vary with application. Please work with your ORBIS Sales Representative to evaluate your operation and planned usage.

Performance characteristics for Bulk products are based on uniform static loads and may be affected by distribution of load, handling methods, number and type of access doors and temperatures beyond the range of 0 F to 120 F.

In an effort to expedite the processing of your purchase order, please include the following information: Ship-to address, Freight terms and preferred carrier, Sales tax status, Payment terms, Payment currency, Product color, Option information (for example): Hot stamp - color, location, text, Label - color, location, text, Cardholder - size, location, Placard - size, location, ID Plate - size, location, text.

Customer purchase orders that are not in same format as the corresponding quotation or missing critical data may result in delay in order processing. THIS INCLUDES QUANTITY, PRICE AND PRODUCT.

For custom protective dunnage products, ORBIS will hold die(s) for 18 months after last product run. Beyond this time period, the die(s) will become obsolete and disposed of, unless ORBIS receives written notification directing ORBIS where to ship the die(s).

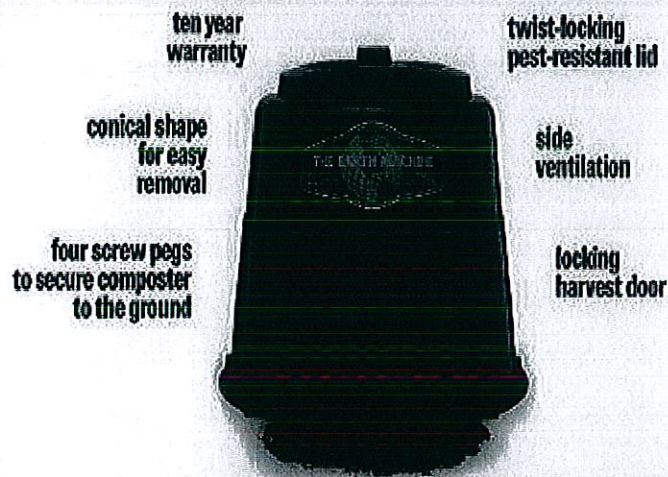
This quote does not include sales tax. If ORBIS does not have a valid state sales tax exemption certificate on file, sales tax may be applied to your order based on the ship to location on your purchase order. Please review your order confirmation to see if sales tax has been applied.

Sample of a composting bins that we will make available for residents on a first come first serve bases if we get the second part of the grant funded.

The Earth Machine™

Project #2

Specifications & Features



HOW TO PURCHASE

The Earth Machine™ has several features that make it superior to other compost bins on the market:

ORBIS has led the market in backyard composting initiatives in North America and the United Kingdom for the past 15 years. The Earth Machine™ is the most successful product of its type in the world. Since its introduction, more than 2,500,000 Earth Machine™ backyard composters are in use in over 3,500 communities.

SIMPLICITY OF USE

For the **active** composting person
Easy Access through the large lid opening, easy turning and aerating, no corners for material to get stuck in, design allows for easy batching and good quality compost.

SIMPLICITY OF USE

For the **passive** composting person
(*'Dump & Run'*)
The Earth Machine™ is designed for easy, passive composting -- just start filling the bin, water, and occasionally stir or poke. The finished compost is ready in 4 to 6 months.

TWIST LOCKING LID

The lid is the most utilized part of any compost bin. The Earth Machine™ lid is easy to use, functional, durable and secure.

RODENT RESISTANCE

The Earth Machine™ secures to the ground with sturdy "Twist Pegs" with securable access door, twist locking lid, air vents too small to allow rodent entry, and securable harvest door all add to the rodent resistancy of the bin.

RECYCLED CONTENT

High-density injection-molded polyethylene made with a minimum 50% post-consumer recycled materials.

EASE OF TRANSPORTATION

The Earth Machine™ will fit into any automobile for easy transportation. It comes in two halves (no corrugated cardboard packaging) which nest inside each other.

360 DEGREE ACCESS TO THE PILE

Because of its round and conical shape, The Earth Machine™ can be turned to access the pile from any direction.

VENTILATION

The Earth Machine™ combines both horizontal and vertical columnar convection ventilation that is controlled through the lid.

AESTHETIC APPEARANCE

The Earth Machine™, with its gently conical shape, is designed to allow adequate ventilation throughout the unit, to promote aerobic decomposition of organic materials, plus controllable ventilation built into the exclusive lid.

EASE OF ASSEMBLY

Basic two piece assembly that snaps together in seconds without the use of any tools. The unit will not sit around in garages, sheds, etc. because of assembly complications.

DURABILITY

The Earth Machine™ is made of tough high-density polyethylene with UV stabilizers for all season strength and weatherability.

WARRANTY

The Earth Machine™ has a ten (10) year warranty against cracking, deterioration, warping, or any other defect that would diminish the effectiveness or appearance of the compost bin.

EDUCATIONAL MATERIAL

Every Earth Machine™ compost bin is packaged with assembly/replacement instructions and a comprehensive 20 page "Home Composting Handbook".

ADDITIONAL INFORMATION

Unit dimensions when assembled: 33" diameter by 33" high.
Weight: 15 lbs
Volume: 10.5 cubic feet (80 Imperial gallons or 300 litres)

Testimonials

... about composting

"Studies have shown that home composting can divert an average of 700 lbs. of organic waste per year."
Massachusetts Department of Environmental Protection

"...backyard composting is an especially appropriate method for dealing with food / garden and leaf wastes."
Pennsylvania Department of Environmental Protection

"Respondents estimate that the amount of food scraps they composted would fill 3.3 one pound coffee cans a week (171.16 lbs/year)."
The Gilmore Research Group for Portland METRO

"Decision makers should actively encourage backyard composting as a source reduction method."
United States Environmental Protection Agency

... about The Earth Machine™

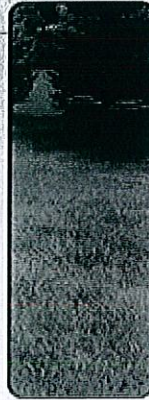
"It's the best compost bin I have ever used in a lifetime of gardening."
Mildred Preston, Belleville Ontario Resident

87% would recommend the Earth Machine™ to a friend.
Trans Alia Survey

88% of residents are still using their Earth Machine™ after 3 years.
Portland Metro Survey

93.24% of residents are currently using their Earth Machine™ Compost Bin.
Wapakineta Mini Committee Survey

91% rated the Earth Machine™ effective or very effective in diverting waste.
City of Thunder Bay



Compost Turner

HW0059

General Description

Now from ORBIS (Formerly Norseman Environmental). Long Handled turner designed to aerate compost in the Earth Machine
Sturdy, aluminum design with easy-grip handle. Easy to clean. Slender design make for easy storage.

- * Designed for use with the Earth Machine
- * Long handle for easy aerating
- * Comfort grip handle

Nominal Dimensions

Length	6.0"
Width	6.0"
Height	37.0"
Weight	1.1 lbs / 0.49 kg
Warranty	Compost Turner is warranted for a period of five (5) years after date of delivery.



SUSTAINABLE SOLUTIONS

Norseman Environmental Products
An ORBIS Corporation Brand

Corporate Headquarters
1055 Corporate Center Drive
Oconomowoc, WI 53066 USA

Phone 262-560-5000

Fax 262-560-5841

www.norsemanenvironmental.com





Powered by Menasha Corporation

Convenient, Mess-Free Food Scrap Collection

NPL 390 Kitchen Collector

The ORBIS Kitchen Collector is designed for convenient kitchen food scrap collection. The contemporary designs fits in any décor, and is a mess-free, odor-free, and easy-to-use scrap pail that is easily transported from the counter to your outdoor compost pile or curbside container.

MESS-FREE, ODOR-FREE

- Smooth interior walls for ease of cleaning
- Wide opening for convenient, no-mess food disposal
- Wide base creates stable surface for bin
- Bag clip for disposable bin liners
- Snap latch lid with double rim seal eliminates odors
- Solid lid option keeps food odors in the container
- One-hand dumping using the bottom finger grip and handle
- Takes apart easily for cleaning

EASY-TO-USE

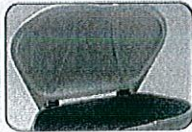
- Easy-tilt handle for easy one-hand transport
- Compact design fits in cabinet, under sink or on counter top
- Hinged lid facilitates easy opening
- Dishwasher safe
- 90 degree lid stop for easy loading



Wide container opening



Vented lid option



Lid Stop

OTHER FEATURES

- Vented lid option promotes moisture evaporation
- Color options available



Picture: Solid Lid Option

Product ID:	NPL390
L x W x H with Handle	12.9" x 8.0" x 9.32" 32.8cm x 20.4cm x 23.7cm
L x W x H without Handle	12.3" x 8.0" x 9.32" 31.3cm x 20.4cm x 23.7cm
Capacity:	1.85 gallons 7 liters
Weight:	1.16 pounds/0.526 kg
Durability:	To minus 20°C
Hot Stamp size:	4" W x 3" H 10.1cm x 7.6cm
Shipping configuration:	26 per carton 13,520 per 53' trailer
Material:	Manufactured in HDPE
Warranty:	5 years



SUSTAINABLE SOLUTIONS



ORBIS Corporation
 (Formerly Norseman Environmental)
 Corporate Headquarters
 1055 Corporate Center Drive
 Oconomowoc, WI 53066 USA

Phone 262-560-5000

Fax 262-560-5841

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Project # 2



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A Graphic Resource Inc.

QUOTE CONFIRMATION

DATE: 5/8/2018

QUOTE NO:

SUBMITTED BY: Marv Schaefer

JOB NO:

FOR: City of Chesterfield
690 Chesterfield Parkway W
Chesterfield, MO 63017

SHIP TO: Same

ATTN: Courtney O'Donnell 636.812.9502

AGR is pleased to submit this quotation based on the following specifications:

Terms: Net 30 / Upon Approved Credit

Description: Laminated Flyers

Quantity: 260

Size: 8.5" x 11"

Stock: 100# Gloss Cover

Artwork: PDF files ready for direct download. Files should be furnished prepress ready for RIP to AGR specifications. Additional artwork at \$70.00 / hour

Proofs: PDF

Presswork: 4 color process + 1.7 mil. lamination / 2 sides / with bleeds

Bindery: Trim to size (laminated flush cuts with paper). Carton pack

Price: \$263.00

By signing below Customer confirms that this Quote constitutes CUSTOMER'S OFFER to enter into an agreement with AGR to fill this order based upon the terms stated herein including those on the reverse side. *NO AGREEMENT WILL BE BINDING UPON THE PARTIES UNLESS AGR SIGNS BELOW EVIDENCING ITS ACCEPTANCE. AGR'S ACCEPTANCE IS EXPRESSLY LIMITED TO THE TERMS HEREIN.*

OFFER BY CUSTOMER:

ACCEPTANCE BY AGR:

By: _____
Authorized Representative and Title

By: _____
Authorized Representative and Title

Date of Offer: _____

Date of Acceptance: _____

Staffing in kind Cost and Volunteers Sheet

(These are the fees we have associated with the grant, but we are not expecting the grant to cover these cost we will absorb them in house.)

Project 1. 24 Recycle bins installed at the Chesterfield Athletic Complex in the F Quad.

1. Director of Parks, Recreation and Arts- General oversight of coordinating the grant, working with staff and making sure things are completed in a timely manner and the reports are filled out.
 - 8 hours x \$60 per hour= \$480
2. Communication Specialist- time in preparing social media, posters, news releases, marketing, flyers and stories on the recycling effort at the Athletic complex.
 - 15 hours at \$32.54= \$488.10
3. Park Maintenance workers- Two employees will put the units together, add the signage to the new and old units and deliver them to the Athletic Complex along with emptying them for an entire month after the units are installed. They will also empty the current units in the F quad for a month to get a starting weight on recycle tonnage prior to the 24 new units being installed.
 - 4 hours to put bins together and signage on- 4 x \$28 = \$112
 - 2 hours unloading in yard and transporting to F quad- 2 x \$28= \$56
 - 36 hours to set weight prior to new units installed to get starting metrics- 4 weeks x 9hours a week =36 hours over the 4 weeks x \$28 dollars per hour= \$1,008
 - 36 hours to measure weight after the 24 new recycle units are installed to get metrics on tonnage going to recycle center - 4 weeks x 9hours a week =36 hours over the 4 weeks x \$28 dollars per hour= \$1,008
 - Volunteer's hours from CCE for story development, social media assistance and educating the public down at the Athletic complex after new units are installed in the F quad at the Chesterfield Valley Athletic Complex. 20 hours priceless.

Total Project 1 staff cost \$3,152.00

Project 2. 220 Backyard Composting Units

1. Director of Parks, Recreation and Arts- General oversight and coordinating the grant, working with staff and making sure things are completed in a timely manner and the reports are filled out.
 - 10 hours x \$60= \$600
2. Recreation Superintendent- Will work on distribution at the recycles day, evaluation and number gathering and setting up composting classes and logistics for participants that can't get their bin on recycles day.
 - 8 hours x \$42.21= \$337.69
3. Recreation Specialist- Program compost classes and work the day of distribution.
 - 6 hours x \$20.50= \$123.00
4. Communication Specialist- Social media articles about the program, write up and program articles in the City Newsletter, survey reports and work with the CCE Chesterfield Citizens Committee for the Environment on stories and developing the composting cards.
 - 20 hours x \$32.54= \$650.80

Total for Project 2 \$1,711.49

Combined total in kind staff cost \$4,863.49