

NOTICE OF AWARD
COUNTY OF BERGEN
ADMINISTRATION & FINANCE, DIVISION OF PURCHASING
REGISTERED COOPERATIVE PRICING SYSTEM #11-BeCCP
REGISTERED BERGEN COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM #CK04
ONE BERGEN COUNTY PLAZA, HACKENSACK, N.J. 07601

| | |
|--|--|
| Service/Commodity: | Liquid Food Composters |
| Bergen County Bid #: | 15-101 |
| Contract Period: | March 9, 2016 through March 8, 2017 |
| Board of Chosen Freeholders Resolution: | #281-16, dated March 22, 2016 |

PRICES:

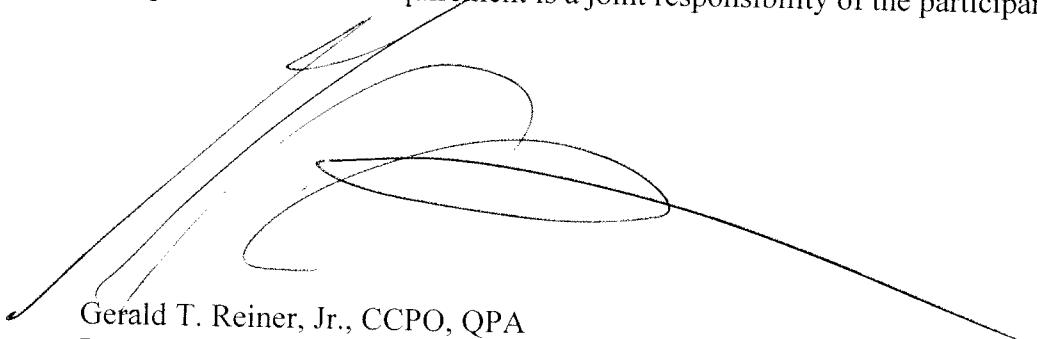
Unit prices quoted shall be firm unless otherwise stated herein, net exclusive of all taxes and must include all transportation, delivery and unloading costs, fully prepaid FOB destination, inside delivery debris removed.

AVAILABILITY OF COUNTY CONTRACT PRICES AND AGREEMENT:

The County Supplier agrees to make his products and county contract prices available to all Local Government Jurisdictions (Municipalities, Authorities and Public School Districts et al) which are enrolled in the County's Registered Cooperative Programs. Each Local Government deciding to take advantage of the subject prices shall itself be directly responsible for having drawn up and executed whatever Contractual Instrument it deems necessary for governing business relations between itself and the supplier.

DELIVERY ARRANGEMENTS, PLACEMENT OF ORDERS AND UNAPPROVED SUBSTITUTES:

All deliveries are to be made within the time period stated on the "Price Information Sheet". If the delivery time is not stated on the "Price Information Sheet" then delivery shall be ten (10) days of the receipt of order. Vendor must accept written Purchase Orders or authorized verbal request from authorized Personnel. Emergency deliveries are to be made within twenty-four (24) hours of receipt of a telephone request from Authorized Personnel. Participants are authorized to accept only those items covered by County Contract. Compliance with this requirement is a joint responsibility of the participant and the vendor.



Gerald T. Reiner, Jr., CCPO, QPA
Purchasing Agent
201-336-7111

VENDOR INFORMATION

In order to assure that all future correspondence is directed to the correct address, assure proper ordering, expedite future payments, and in accord with I.R.S. regulations, the following information must be provided with this bid.

Name of Business: EDS Strategic Management, LLC

Correspondence Address (including zip code):

120 Charlotte Place, suite 202

Englewood Cliffs, NJ 07632

Purchase Order Address (including zip code): Financing Subcontractor

Premier Facility Management

264 Lackawanna avenue

Woodland Park, NJ 07424

Payment Address (including zip code):

Premier Facility Management

264 Lackawanna avenue

Woodland Park, NJ 07424

Telephone Number (including area code): (201) 408-2596

Email Address: Susanne@EDS-StrategicManagement.com

Fax Number (including area code): (866) 728-6658

Employer I.D. # or S.S. #: 4 7 - 4 9 9 2 0 5 0

FAILURE TO PROVIDE ALL OF THE ABOVE INFORMATION MAY RESULT IN REJECTION OF THIS BID.

CONTRACT PRICE FOR EACH SINGLE UNIT

| MODEL | MSP | COUNTY OF BERGEN | SAVINGS | MONTHLY RENTAL 36-MONTHS | MONTHLY RENTAL 60-MONTHS original discussion |
|----------|---------------|------------------|---------|--------------------------|--|
| LFC-20 | \$ 18,400.00 | \$ 15,600.00 | 18% | \$ 476.67 | \$ 286.00 |
| LFC-50 | \$ 20,150.00 | \$ 17,100.00 | 18% | \$ 522.50 | \$ 313.50 |
| LFC-70 | \$ 26,000.00 | \$ 22,200.00 | 17% | \$ 678.33 | \$ 407.00 |
| LFC-100 | \$ 31,500.00 | \$ 27,000.00 | 17% | \$ 825.00 | \$ 495.00 |
| LFC-200 | \$ 41,000.00 | \$ 34,800.00 | 18% | \$ 1,063.33 | \$ 638.00 |
| LFC-300 | \$ 55,000.00 | \$ 46,800.00 | 18% | \$ 1,430.00 | \$ 858.00 |
| LFC-500 | \$ 69,384.00 | \$ 58,800.00 | 18% | \$ 1,796.67 | \$ 1,078.00 |
| LFC-1000 | \$ 130,000.00 | \$ 110,000.00 | 18% | \$ 3,361.11 | \$ 2,016.67 |
| LFC-3000 | \$ 300,000.00 | \$ 260,000.00 | 15% | \$ 7,944.44 | \$ 4,766.67 |

*** LEASING OPTION AVAILABLE**

- INCLUDES ONE PREVENTIVE SERVICE VISIT EVERY 8 TO 12 MONTHS
- INCLUDES A THREE YEAR WARRANTY ON EACH LFC STARTING THE DATE THE UNIT IS POWERED ON
 - WHICH COVERS ALL COMPONENTS, ELECTRONICS, MECHANICALS AND 24-HOUR SERVICE RESPONSE
- INCLUDES 24 / 7 MONITORING VIA THE GOOGLE CLOUD
 - PROVIDED THE CLIENT ALLOWS THE ACCESS VIA AN INTERNET CONNECTION
- ABOVE PRICING IS *INCLUSIVE* OF ALL SHIPPING, HANDLING AND PERSONALIZED TRAINING
 - FOR THE STATE OF NEW JERSEY, SUSTAINABILITY PRODUCTS ARE NOT TAXED

*CLIENT IS TO PROVIDE THE NECESSARY HOT AND COLD WATER HOOK UPS, DRAIN ACCESS AND ELECTRICAL CONNECTION AS OUTLINED

QUICK OVERVIEW OF CAPACITY AND REQUIREMENTS FOR LFC

| MODEL | POUNDS DIGESTED WITHIN 24 HOUR DAY* | TON / ANNUAL* | HOT & COLD WATER LINE REQUIRED | FLOOR DRAIN REQUIRED | SINGLE PHASE ELECTRICAL CONNECTION | THREE PHASE DISCONNECT BOX |
|----------|-------------------------------------|---------------|--------------------------------|----------------------|------------------------------------|----------------------------|
| LFC-50 | 225 | 27 | | | | |
| LFC-70 | 280 | 34 | X | X | X | |
| LFC-100 | 400 | 48 | X | X | X | |
| LFC-200 | 800 | 96 | X | X | X | |
| LFC-300 | 1,200 | 144 | X | X | | X |
| LFC-500 | 2,000 | 240 | X | X | | X |
| LFC-1000 | 4,000 | 480 | X | X | | X |
| LFC-3000 | 12,000 | 1,440 | X | X | | X |

* ESTIMATIONS

EDS Strategic Management
 120 Charlotte Place, Suite 202
 Englewood Cliffs, NJ 07632

Ele Kauderer
 Office: 201.408.2596
 Mobile: 732.687.7184

www.EDS-StrategicManagement.com
Ele@EDS-StrategicManagement.com

SERVICE VISITS

EACH SERVICE VISIT WILL CONSIST OF THE FOLLOWING:

- INTERNAL DIAGNOSTICS CHECK - SYSTEM VERIFICATION
- SOFTWARE DIAGNOSTICS CHECK AND UPDATE
- CHECK THAT THE UNIT IS STILL LEVELED PROPERLY
- INSPECTION OF THE INTERNAL AND EXTERNAL STOPS
 - DOOR
 - PADDLES
 - OVERLOAD
- UNIT WILL BE INSPECTED ON MANUAL MODE
 - FORWARD ROTATION
 - BACKWARD ROTATION
 - WATER IN-FLOW
 - PROPER DRAIN FLOW INTERNALLY
 - SHAFT AND PADDLES
- SUPPLEMENT THE POWER ZVME
- INSPECT THE POWER CHIPS
- INSPECT THE FLOW INTO THE DRAIN EXTERNALLY
- MECHANICAL EXAM
- CHECK CHAIN TENSION
- LUBRICATE THE CHAIN
- CALIBRATE EMPTY WEIGHT
- LUBRICATE THE DOOR LATCH
- CHECK THE ALIGNMENT OF THE INTERNAL GEARS
- CHECK MOTION SENSOR AND MOTION WHEEL ALIGNMENT
- EXAMINE THE BEARINGS FOR THE SHAFT
- EXAMINE WITHIN THE CABINATE FOR LEAKS OR ANYTHING UNUSUAL

ON-SITE WORK WINDOW

ONCE A PURCHASE ORDER HAS BEEN RECEIVED THE UNIT(S) WILL BE MANUFACTURED WITH THE SPECIFICATIONS REQUESTED AND WILL BE DELIVERED NO LATER THAN EIGHT (8) WEEKS AND INSTALLED IMMEDIATELY UPON DELIVERY. ALL TRAINING WILL TAKE PLACE ON THE SAME DATE OR THE DAY AFTER THE UNIT(S) INSTALLED. GENERALLY, TWO UNITS AND TRAINING CAN BE INSTALLED IN ONE DAY. IF STANDARD UNITS ARE REQUESTED THAT MAY BE IN STOCK, THEY WILL BE SHIPPED WITHIN THREE DAYS OF THE ORDER DOCUMENTS BEING RECEIVED.

EDS Strategic Management
20 Charlotte Place, Suite 202
Englewood Cliffs, NJ 07632

Ele Kauderer
Office: 201.408.2596
Mobile: 732.687.7184

www.EDS-StrategicManagement.com
Ele@EDS-StrategicManagement.com

BIDDER NAME: EDS Strategic Management

LIQUID FOOD COMPOSTERS – CATALOG

It is the intent of this bid specification to establish a 12-Month contract for Catalog pricing to furnish and deliver various Power Knot (or approved equal) Liquid Food Composters as described elsewhere herein as required by the County of Bergen and its Cooperative members (Registered Bergen County Cooperative Pricing System #CK04-BERGEN). Should it be determined that it is in the best interest of the County of Bergen and cooperative members, multiple vendor awards are possible.

Vendors are asked to submit formal catalogs. Vendors shall submit a price list with their proposals. If pricing is not listed in the actual catalog or vendor is offering a discount off catalog pricing, a separate price list must be submitted. The price lists or catalogs must include the date and be properly labeled showing the bidders name and bid number. Failure to submit a pricing for catalogs will result the rejection of the bid proposal for that particular catalog only. Vendors are permitted to submit multiple catalogs offering various brands. Vendors must submit documentation that they are an authorized dealer for products they are offering. Vendors are also permitted to submit additional price lists for manufacturer parts and accessories. All pricing offered shall be inclusive of all shipping, handling and delivery charges.

Manufacturer / Catalog /Price List Name: Powerknot LFC 300

Discount off Catalog Price/Price List 18 %

Manufacturer / Catalog /Price List Name: Powerknot LFC 500

Discount off Catalog Price/Price List 18 %

Manufacturer / Catalog /Price List Name: Powerknot LFC 1000

Discount off Catalog Price/Price List 18 %

LFC

Light Food Composter

Sizes

| | LFC-50 | LFC-70 | LFC-100 | LFC-200 | LFC-300 | LFC-500 | LFC-1000 |
|-------------------------------|--|---------------------------------------|--|---|---|---|--|
| Capacity per day | 50~90 kg (110~200 lb) | 70~125 kg (150~280 lb) | 100~180 kg (220~400 lb) | 200~360 kg (440~800 lb) | 300~540 kg (660~1200 lb) | 500~900 kg (1100~2000 lb) | 1000~1800 kg (2200~4000 lb) |
| Size (width x depth x height) | 87 x 68 x 101 cm (34 x 27 x 40 in) | 95 x 72 x 108 cm (37 x 28 x 43 in) | 115 x 75 x 111 cm (45 x 29 x 44 in) | 148 x 81 x 127 cm (58 x 32 x 50 in) | 154 x 105 x 149 cm (61 x 41 x 58 in) | 190 x 120 x 162 cm (75 x 47 x 64 in) | 260 x 141 x 174 cm (102 x 56 x 69 in) |
| Weight | 168 kg (370 lb) | 220 kg (490 lb) | 247 kg (540 lb) | 350 kg (770 lb) | 520 kg (1150 lb) | 820 kg (1800 lb) | 1250 kg (2760 lb) |
| AC supply | 110 V, 60 Hz (or 240 V, 50 Hz), 15 A, single phase | | | 208 V, 60 Hz (or 415 V, 50 Hz), 15 A, 3-phase | | | |
| Max. power | 0.8 kW | 1.0 kW | 1.3 kW | 1.3 kW | 2.1 kW | 2.8 kW | 4.5 kW |
| Energy per day | 4.7 kWh | 5.8 kWh | 8.1 kWh | 8.1 kWh | 13 kWh | 17 kWh | 27 kWh |
| Water per day | 150 litre (40 gallon) | 190 litre (50 gallon) | 250 litre (70 gallon) | 530 litre (140 gallon) | 800 litre (210 gallon) | 1200 litre (320 gallon) | 1900 litre (500 gallon) |

Capacity

The amount of food that can be decomposed depends on the type of food, the frequency with which it is added to the machine, and the duration of the working day. The rated capacity of a machine is based on a mixture of raw and cooked food as may be found in a typical restaurant added over a 12 hour to 16 hour working day. The upper capacities in the table above assume that you add waste food over a 24 hour day. Cooked rice, pasta, or bread are some of the foods that are rapidly decomposed and if added in equal portions throughout the day then the capacities can be more than those listed in the table above.

Installation

The LFC is usually installed inside the area where the food is prepared or it can be placed outside under a suitable protective cover. The machine has castors so it can be rolled into position. The feet on the load cells are then lowered onto the supplied rubber pads that help to reduce vibrations and noise.

The LFC requires hot and cold water input and a 1 1/4" to 3" drain out (depending on model). It also requires an electrical supply.

Specifications

Construction: all stainless steel (chassis, side panels, drum, shaft, arms, paddle, and load cells)

Water: 1/2" FIP, 200 to 700 kPa (29 to 100 psi, 2 to 7 kg/cm²)

AC Power: 85 ~ 457 Vac, 47 ~ 63 Hz (based upon model)

Weighing Accuracy: ±1%

MMI: 22 mm 3-color LED and 4" or 7" touch screen with 65k colors

Ethernet: RJ45, 100 baseT, DHCP or fixed IP address

Operating environment: indoors or covered patio

Operating temperature: 4°C to +35°C (39°F to 95°F)

Ingress protection: IP54 – splash proof and dust proof

Operating lifetime: expected to be 15 to 25 years

Warranty: three years on all parts and components

Safety: certified to UL430 (waste disposal machines), EN 60335-1, and EN 60335-2-16 (waste food disposers)

RoHS: compliant for EU and China

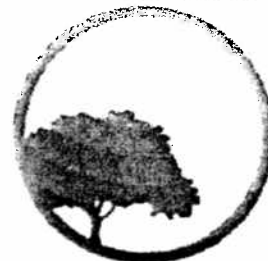


EDS Strategic Management LLC.

120 Charlotte Place, suite 202

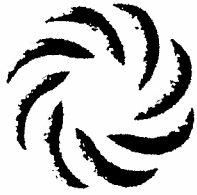
Englewood Cliffs, NJ 07632

201-408-2596



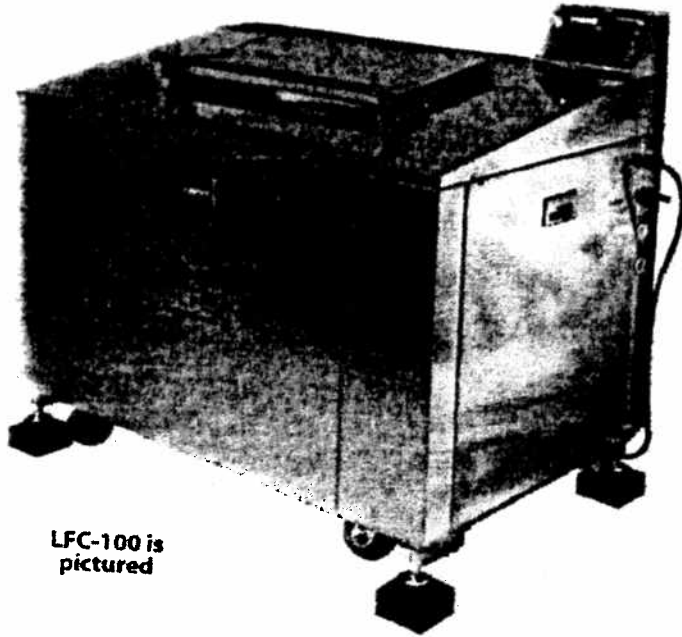
EDS Strategic Management

Keeping The World Clean & Green



power knot

Liquid Food Composter



LFC-100 is pictured

Key Features

- Decomposes waste food at your facility
- Food is decomposed within 24 hours
- Continuous process permits food to be added any time and machine doesn't need emptying
- Discharge from machine is safe to enter sewage system
- Can be installed in kitchen or work area
- Simple and safe operation
- Color touch screen interface
- Weight of waste is continuously monitored and reported — shows statistics on usage and waste food digested
- Incorporates comprehensive diagnostics and service schedules
- Connects to the cloud so statistics on usage, diagnostics, and service schedules can be monitored remotely
- Air-tight tank provides quiet and odor-free operation
- All stainless steel construction
- Three year warranty
- World wide sales, service, and support

LFC

Benefits

- Greatly reduces costs to dispose of waste food
- Reduces size, quantity, and smells of trash bins
- Eliminates flies and rodents that may be attracted to garbage bins containing waste food
- Saves time and injuries of employees carrying trash outdoors
- Weigh and dispose of waste food in one machine
- Waste food does not go to landfill where it creates methane
- Easily report CO₂ equivalent diverted from landfill
- Key element in making a facility have zero waste
- Payback is typically 6 to 24 months
- Significantly reduces carbon footprint of business

Applications

The LFC can be used to improve operations and save money at a variety of facilities that have waste food including:

- Hotels and resorts
- Corporate and university cafeterias
- Restaurants and highway service centers
- Theme parks, convention centers, and stadia
- Hospitals and nursing homes
- Military canteens
- Bakeries and caterers
- Supermarkets and food distribution centers
- Cruise ships and oil tankers
- Remote camps for mining and humanitarian aid
- Island properties

Description

The LFC is a fully enclosed automatic composting machine that disposes of most food matter within 24 hours. Once it is installed, you can add waste food at any time and only decomposed food is discharged into the waste water.

Water is injected into the machine to maintain equilibrium for the microorganisms, to rapidly decompose the food, and to flush decomposed material out of the machine. A rotating arm inside the machine slowly churns the waste food to constantly mix the old food, new food, oxygen, and microorganisms to enhance the decomposing function.

LFC

Liquid Food Composter

What can go in the LFC



Fruit



Vegetables



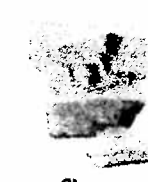
Bread



Noodles



Nuts



Cheese



Pineapple



Fish



Fish bones



Meat



Stew



Egg shells



Mushrooms



Crustacean

The machine can be thought of as a bio-digester in which the microorganisms are digesting the organic material.

How it works

The LFC uses a series of processes in which microorganisms break down biodegradable material in the presence of oxygen. The environment of the LFC, with our proprietary mixture of microbes and enzymes, accelerates the digestion of most food products and bio-plastics within 24 hours. The output is grey water that is environmentally safe. You can discharge this down the drain or use it to enrich your landscape.

The LFC is a practical alternative to the traditional disposal of waste food. Anything you can eat, including fruits, vegetables, meat, fish, cheese, bread, rice, and noodles can go into the LFC. The machine can compost both raw and cooked foods. The process is totally green because it uses no chemicals.

As one of earth's oldest processes, composting is the most effective means of stabilizing and converting biodegradable waste. The waste food is not being chopped but it is decomposed to such a degree that it becomes a liquid and can exit the machine only through a fine mesh screen. The rich by-product is therefore safe and replenishes nature.

Saving the Planet

When waste food is discarded in a landfill, it degrades as an anaerobic process (in the absence of oxygen). This decomposition produces methane (CH₄) which is 72 times worse for the atmosphere in the short term than carbon dioxide (CO₂). The effect of this on global warming is huge, because the largest part of garbage sent to landfills in the U.S. is waste food. Further, the decomposition smells and can cause health problems. Discarding 100 kg

(220 lb) of waste food per day causes the equivalent of 153 tonne of CO₂ per year to be sent to the atmosphere.

The decomposition inside the LFC is an aerobic process (in the presence of oxygen). This produces CO₂ and water in a natural manner that is accelerated in the machine. This natural process is carbon neutral because the carbon was taken from the atmosphere to produce the food in the first place. The LFC uses minimal electricity; for example, production of the electricity used by an LFC-100 causes about 2.1 tonne of CO₂ per year.

Simple Operation

The LFC is constantly digesting the waste and you can add waste food at any time. Simply open the door, throw it in, and close the door. In this way, you can view the LFC as a bottomless bucket.

The motor on the LFC won't run while the door is open for safety. Your operation can be streamlined because large bins and plastic bags are no longer needed to hold waste food. Instead, smaller bins are used that help avoid injuries to employees.

LFC is running
do not add waste

Time now 2014-01-15 15:23:19
Waste in LFC now 143

LFC is running
ok to add waste

Time now 2014-01-15 13:12:27
Waste in LFC now 97
Waste ingested today 216

Buttons: Stop, Status, History, Setup

LFC is running
Door open

Waste in LFC
Can add
Close door