

# MEMORANDUM

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**To:** SFSWMA Joint Powers Board Members  
**From:** Randall Kippenbrock, P.E., Executive Director RLK  
**Date:** August 12, 2014  
**Subject:** Request for Approval to Purchase a Caterpillar 836K Landfill Compactor from Wagner Equipment Company of Albuquerque, NM, Under GSA Contract No. GS-30F-0018U for the Caja del Rio Landfill in the Amount of \$836,837.00.

## BACKGROUND AND SUMMARY:

In late 2003, the Board approved the purchase of Unit 1327 (Caterpillar 836G landfill compactor) from Wagner Equipment Company of Albuquerque, NM, in the amount of \$598,832.00. By 2007 the landfill compactor accumulated 9,807 machine hours and reached the end of its useful life.

On October 18, 2007, the Board approved the certified rebuild of the landfill compactor by Wagner Equipment in the amount of \$408,932.49. The certified rebuild extended the machine a second life.

To date the landfill compactor has approximately 24,000 total machine hours. Overall, it is in fair condition, however because of the high machine hours, the landfill compactor will be facing major cost repairs from one of the four main components - engine, transmission, final drives, and hydraulic system. Another major cost will include the replacement of tips on wheels. On August 13, 2014, the Agency received from Wagner Equipment a preliminary estimate of \$564,686.00 to rebuild the machine. The estimate could be higher after the machine is disassembled and inspected at their facility. Typically, the estimated useful life of a landfill compactor is 5 years or 10,000 machine hours up to 7 years or 12,500 machine hours. Based on the high machine hours on the machine, the Agency recommends a replacement.

On July 29, 2014, the Agency received a written quote for a Caterpillar 836K landfill compactor from Wagner Equipment, under GSA Contract No. GS-30F-0018U, in the amount of \$836,837.00. The table below shows the cost breakdown of a new Caterpillar 836K landfill compactor.

Description	Caterpillar 836K Landfill Compactor
List Price for a Standard Machine	\$1,154,469.00
Less GSA 21% Discount off Price List	-\$242,438.00
Less Wagner Equipment Incentive	-\$64,161.00
Less Trade-In (Unit 1327)	-\$50,000.00
5 Year/10,000 Hour Extended Warranty	\$38,967.00
Total	\$836,837.00

The Agency feels that the new landfill compactor with an extended warranty and the latest technologies will provide the best value for the Caja del Rio Landfill operation.

The estimated delivery date of the new landfill compactor is February 2015.

Funding is available in the Operating Fund.

**ACTION REQUESTED:**

The Agency is requesting the Board approve the purchase of a Caterpillar 836K landfill compactor from Wagner Equipment Company under GSA Contract No. GS-30F-0018U for the Caja del Rio Landfill in the amount of \$836,837.00.

The Agency also requests approval of a budget increase to 52501.570500 (Capital Outlay – Machinery and Equipment) from 5500.100700 (Operating Fund Cash) in the amount of \$836,837.00 and for audit purpose the transfer to and from 5502.100700 (Equipment Reserve Fund).

Attachments: Budget Adjustment Request (BAR)  
Wagner Equipment Company's Written Quote  
Photograph of Unit 1327

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**ATTACHMENT**

Budget Adjustment Request

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# City of Santa Fe, New Mexico

## BUDGET ADJUSTMENT REQUEST (BAR)

DEPARTMENT / DIVISION / SECTION / UNIT NAME <b>SANTA FE SOLID WASTE MANAGEMENT AGENCY</b>				DATE		
ITEM DESCRIPTION	BU / LINE ITEM	<--(Finance Dept Use Only)-->		INCREASE	DECREASE	
		SUBLEDGER / SUBSIDIARY	DR / (CR)			
Operating Fund	52501.700150	5502	DR	836,837.00		
Equipment Replacement Fund	51502.600150	5500	(CR)	(836,837.00)		
Equipment Replacement Fund	52502.700150	5500	DR	836,837.00		
Operating Fund	51500.600150	5502	(CR)	(836,837.00)		
C/O Equipment and Machinery	52501.570500		DR	836,837.00		
<b>JUSTIFICATION:</b> <i>(use additional page if needed)</i> <b>--Attach supporting documentation/memo</b>				<b>TOTAL</b>	836,837.00	-

BAR to move cash from 5500.100700 (Operating Fund) to 5502.100700(Equipments Reserve Fund) and Reverse  
 (Audit Trail) to purchase 836K Caterpillar Landfill Compactor to replace2003-836G-Approved at JPB MTG-August 21, 14

	<b>CITY COUNCIL APPROVAL</b>	
Angelica G. Salazar	City Council Approval Required <input type="checkbox"/>	Budget Officer
Date	City Council Approval Date <input style="width: 100%;" type="text"/>	Date
	Agenda Item #: <input style="width: 100%;" type="text"/>	Finance Director
Date		Date
Randall Kippenbrock, P.E. Exec Director		City Manager
Date		Date

**ATTACHMENT**

Wagner Equipment Company's Written Quote



Quote 132077-03

July 29, 2014

SANTA FE SOLID WASTE MGT AGEEQUIPMENT REPAIRS  
149 WILDLIFE WAY  
SANTA FE, NM 87506

Attention: RANDALL KIPPENBROCK

Dear Sir,

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

CATERPILLAR Model: 836K LANDFILL COMPACTOR

**STOCK NUMBER:**                      **SERIAL NUMBER:**                      **YEAR:**                      **SMU:**

We appreciate the opportunity to extend this quote. This quote is subject to availability and is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Regards,

Carlos Rede  
Sales Representative  
Wagner Equipment Co.

**CATERPILLAR Model: 836K LANDFILL COMPACTOR****Standard Equipment****CONSIST NOTE**

The standard equipment list includes all no-charge (NC) items from the Mandatory

Attachment section.

**POWERTRAIN**

Advanced Productivity Electronic Control Shifting (APECS)  
 Air to air aftercooler  
 Brakes, full hyd., enclosed, wet multiple disc service brakes  
 Cat clean emission module (insulated)  
 Electro hydraulic parking brake  
 Engine, Cat C18 w/ACERT Technology US EPA T4/EU Stage IV Technology,  
 Fuel priming pump (electric)  
 Fuel to air cooler  
 Ground level engine shutoff  
 Guard, (3 pc) transmission

Heat Shield, turbo and exhaust manifold  
 Hydraulically driven demand fan  
 Integrated braking  
 Radiator, Next Generation Modular (NGMR)  
 Separated cooling system  
 Starting aid (ether) automatic  
 Throttle lock  
 Torque converter with lock up clutch (LUC)  
 Turbine precleaner, engine air intake  
 Transmission, planetary, with 2F/2R speed range control  
 Underhood ventilation system

**ELECTRICAL**

Alarm, back-up  
 Alternator (150-amp)  
 Batteries, maintenance-free (4-1000CCA)  
 Converter, 10/15 amp, 24V to 12V  
 Lighting system, halogen (front and rear)

lighting, access stairway  
 Starter, electric (heavy duty)  
 Starter lockout (ground level)  
 Starting receptacle for emergency start  
 Transmission lockout (ground level)

**OPERATOR ENVIRONMENT**

Air conditioner  
 Cab, sound-suppressed pressurized, Internal four-post rollover protective structure (ROPS/FOPS). Radio ready for (entertainment) includes antenna, speakers, converter (12-volt 10-15 amp) 12-volt power port for mobile phone or laptop connection  
 Camera, rear vision  
 Coat and hard hat hooks  
 Flip-up armrest  
 Heater and defroster  
 Horn, electric  
 Hydraulic controls (floor mounted)  
 Implement hydraulic lockout  
 Laminated glass

Torque convertor temperature  
 Instrumentation, Warning Indicators:  
 Action alert system, three category  
 Axle/Brake oil temp. (front)  
 Brake oil pressure  
 Electrical system, low voltage  
 Engine failure malfunction alert and action lamp  
 Mirrors, Rearview (externally mounted)  
 Parking brake status  
 Radio, CB (ready)  
 Seat, Cat Comfort (cloth) air suspension  
 Seat belt, retractable, 76mm (3") wide  
 STIC Control system with steering lock  
 Sun visor, front  
 Tinted glass

Light, (dome) cab  
 Lunchbox and beverage holders  
 Instrumentation, Gauges:  
 DEF fluid level  
 Engine coolant temperature  
 Fuel level  
 Hydraulic oil temperature  
 Speedometer/Tachometer

Transmission gear (indicator)  
 Vital Information Management System  
 (VIMS) with graphical information  
 display: external data port,  
 customizable operator profiles  
 Wet-Arm Wipers/Washers (front and rear)  
 Intermittent Wipers (front and rear)

## TIRES, RIMS, AND WHEELS

Wheels, Paddle and Plus Tip

## GUARDS

Guards, axle (front and rear)  
 Guard, cab window  
 Guards, crankcase and powertrain,

hydraulically powered  
 Guard, rear fan and grill

## BLADES

Bulldozer arrangement is included in the  
 standard equipment. Bulldozer blades

are optional.

## FLUIDS

Antifreeze, premixed 50% concentration  
 of extended life coolant with freeze

protection to -34C (-29F)

## OTHER STANDARD EQUIPMENT

Auto Blade Positioner (ABP)  
 Counterweight  
 Demand fan/swing out (hyd. reversible)  
 Doors, service access (locking)  
 Ecology drains for engine, radiator,  
 hydraulic tank  
 Electronic clutch pressure control and  
 remote mounted pressure taps  
 Emergency platform egress  
 Engine, crankcase, 250 hour interval  
 with CJ-4 oil  
 Fuel tank, 793 L (210 gal)

Hitch, drawbar with pin  
 Hoses, Cat XT(TM)  
 Hydraulic oil cooler  
 Hydraulic, steering and brake  
 filtration/screening system  
 Oil sampling valves  
 Product Link  
 Stairways, fixed-L/R (rear access)  
 Steering, load sensing  
 Vandalism protection caplocks  
 Venturi stack



**MACHINE SPECIFICATIONS**

836K HRC LANDFILL COMPACTOR  
LANE 3 ORDER  
FEATURE PKG, BASIC COLD (120V)  
SERVICE PKG, PREMIUM  
AXLES, NO-SPIN FRONT and REAR  
HYDRAULICS, STANDARD  
HORN, ELECTRIC (STANDARD)  
LIGHTS, STANDARD  
SEAT BELT, 3" WIDE  
PRODUCT LINK, SATELLITE PL321  
WHEELS, PLUS TIPS  
SOUND SUPPRESSION  
LIGHT, WARNING (LED STROBE)  
RADIO, AM/FM/AUX/CD/USB  
BLADE, FULL-U  
COOLANT, -50C (-58F)  
DECALS, ANSI  
PACK, DOMESTIC TRUCK  
STORAGE PROTECTION  
CAB GLASS, RUBBER MOUNTED  
MIRROR, INTERNAL (PANORAMIC)  
ENVIRONMENT PKG, DRY  
FIRE SUPPRESSION

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Sell Price	\$847,870.00
60/ 10,000 HOURS MONTH PREMIER ESC	\$ 38,967.00
Less Gross Trade Allowance	(\$50,000.00)
<b>Total After Tax Balance</b>	<b>\$836,837.00</b>

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**TRADE-INS**

Model	Make	Serial Number	Year	Trade Allowance
836G	CATERPILLAR (AA)	BRL75003	2004	\$50,000.00

**WARRANTY & COVERAGE**

Standard Warranty:

12 Months Unlimited Hours, Parts and Labor (Travel Time included for the first 6 months)

Extended Coverage:

60 MONTH OR 10,000 HOURS PREMIER EXTENDED WARRANTY

**F.O.B/TERMS:**

SANTA FE, NM – CUSTOMER

THIS QUOTE REFLECTS GSA CONTRACT GS-30F-0018U AND ASSOCIATED DISCOUNT STRUCTURE

CATERPILLAR LIST PRICE (AS BUILT) = \$ 1,154,469

FEDERAL GSA DISCOUNT (21% OFF LIST) = \$ 242,438

SALES PRICE = \$ 912,031

WECO INCENTIVE = \$ 64,161

SALES PRICE= \$ 847,870

60 MONTH OR 10,000 HOURS PREMIER ESC = \$38, 967

TRADE IN = \$50,000

TOTAL SALES PRICE = \$ 836,837

**ATTACHMENT**

Photograph of Unit 1327

Unit 1327 – 2003 Caterpillar 836G Landfill Compactor  
Date Taken: 8/9/2014

