

LEE COUNTY BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY **BLUE SHEET NO: 20040229-UTL**

1. REQUESTED MOTION:

ACTION REQUESTED:

Approve for acceptance, and filing with the Clerk's Office, Minutes Department, an after-the-fact Emergency under Resolution 03-07-08 for the purchase of five new Diesel Generators and transfer switches from the lowest bidder, Cummins Southeastern Power, Inc., in the amount of \$103,400.

WHY ACTION IS NECESSARY:

Board approval is required for purchases over \$50,000.00.

WHAT ACTION ACCOMPLISHES:

Provides after-the-fact approval under the emergency GES resolution for Purchase Order #54941 for the purchase of five new Diesel Generators and transfer switches from Cummins Southeastern Power, Inc., which will be permanently installed at designated lift stations to provide power in cases of emergencies or routine power outages.

2. DEPARTMENTAL CATEGORY: 10
COMMISSION DISTRICT #: CW

C10C

3. MEETING DATE:

03-30-2004

4. AGENDA:

- CONSENT
- ADMINISTRATIVE
- APPEALS
- PUBLIC
- WALK ON
- TIME REQUIRED: _____

5. REQUIREMENT/PURPOSE:

- (Specify)
- STATUTE
 - ORDINANCE
 - ADMIN. CODE
 - OTHER Approval

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER: _____
- B. DEPARTMENT: Lee County-Public Works
- C. DIVISION/SECTION: Utilities Division
- BY: Rick Diaz, P.E., Director
- DATE: 3/2/04

7. BACKGROUND:

On July 1, 2003, the Lee County Board of Commissioners approved Resolution 03-07-08, Bluesheet No. 20030669, declaring a limited, temporary, emergency due to the acquisition of the Gulf Utilities System (GUS) in South Fort Myers for the purposes of allowing the County to expedite the procurement of vendors and materials needed for certain immediate improvements needed to the water and wastewater system in the public's interest and the customers' convenience.


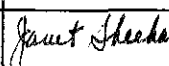
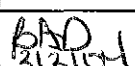


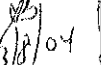



Therefore, on March 1, 2004, Lee County Utilities proceeded with the purchase of five diesel generators and transfer switches needed for five lift stations in Lee County Utilities' Wastewater Collection System, Purchase Order No. 54941. Three quotes were obtained from Florida Detroit Diesel-Allison, Pantropic Power Products, and Cummins Southeastern Power. Cummins Southeastern Power, Inc. was the low bidder in the amount of \$103,400.

These generators are needed to provide electrical power to the lift stations in cases of emergencies or routine power outages. If the lift stations are without power, it could cause sewer to back up and overflow which is detrimental to the health of Lee County citizens.

Funds are available in Account No. 20713548730.506410
 Attachments: Purchase Order and 3 Quotes

MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL


(A) DEPARTMENT DIRECTOR	(B) PURCH. OR CONTRACTS	(C) HUMAN RESOURCES	(D) OTHER	(E) COUNTY ATTORNEY	(F) BUDGET SERVICES				(G) COUNTY MANAGER
					- Affm 3/2/04				
					OA	OM	Risk	GC	
 J. Lavender Date: 3-2-04	 Janet Sheehan Date: 3-4-04	N/A Date:	 B. Dearborn Date: 3/3/04	 S. Dearborn Date: 3/4/04	 J. Lavender Date: 3-3-04	 J. Lavender Date: 3/8/04	 J. Lavender Date: 3/8/04	 J. Lavender Date: 3-2-04	 J. Lavender Date: 3-2-04

10. COMMISSION ACTION:

- _____ APPROVED
- _____ DENIED
- _____ DEFERRED
- _____ OTHER

Rec. by CoAtty
 Date: 3-4-04
 Time: 4:30

Forwarded To:
 Admin 3-4-04

RECEIVED BY
 COUNTY ADMIN: 
 3/4/04
 4:35 PM SET
 COUNTY ADMIN
 FORWARDED TO:
 3/8/04
 10:40 am



Quotation

Cummins Southeastern Power
2671 Edison Ave.
Fort Myers Fl 33916
(941) 337-1211

September 30, 2003

Attention: Larry Clifford

Project Name: Lee County Lift Stations

Quotation: 120620038110103028

Thank you for your inquiry. We are pleased to quote as follows:

USD

<u>Item</u>	<u>Description</u>	<u>Qty</u>
	LS 601	
	Generator Set	
125DGDK	Genset-Diesel,60hz,125kw	1
A331-2	Duty Rating-Standby Power	1
L090-2	LISTING-UL2200	1
L097-2	Emissions-Tier1 levels, NotCertified	1
F182-2	Housing-Weather w/muffler	1
R002-2	Voltage-277/480, 3 Phase Wye	1
B414-2	Alternator-60 Hz, 12 Lead, Upper Broad Range, 125c	1
H643-2	SET CONTROL-PCC 2100	1
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1
A366-2	Engine Governor-Electronic, Isochronous Only	1
H536-2	Display Language-English	1
K631-2	RELAYS-GENSET STATUS,USER CONFIGURED	1
KM65-2	CircuitBreakerMtg-Single Brkr,LeftOfGenEnd	1
KM39-2	Circuit Breaker-225a,3p,600/750v,Ss Rms,80%,UI/lec	1
C168-2	Fuel Tank-Dual Wall Subbase, 24 Hour Capacity	1
C157-2	Switch-Low Fuel Level, Subbase	1
C169-2	Switch-Annunciator, Liquid In Rupture Basin	1
F179-2	Skidbase-Housing Ready	1
E074-2	Engine Cooling-Radiator, 50c Ambient	1
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1
L028-2	Genset Warranty-1 Year Base	1
A322-2	Packing-Skid, Poly Bag	1
F065-2	Rack-Battery	1
H268-2	Extension-Oil Drain	1
SPEC-B	Product Revision - B	1

Project Name: Lee County Lift Stations

<u>Item</u>	<u>Description</u>	<u>Qty</u>	
ISC-ACE-481-B	ISOLATOR PAD TYPE	4	
ISC-4D-VHD	BATTERY SAE 4D LEAD ACID	1	
START OPT	WIRE INTERFACE CONTROL START STOP	1	
TRANSFER SWITCH			
ST-UP-OTP- 0-25 MILES	TRAVEL TIME INCLD. 25 MILES	1	
ST-UP-OTP-1001-2000	BASIC START UP	1	
Transfer Switch			
OTPC225	Transfer Switch-Onan,PwrCmd,225 Amp	1	
A028-7	Poles-3	1	
A035-7	Application-Utility To Genset	1	
A046-7	Listing-UL 1008/CSA Certification	1	
A044-7	Frequency-60 Hertz	1	
A042-7	System-3 Phase,3 Wire Or 4 Wire	1	
R026-7	Voltage-480 Vac	1	
B002-7	Cabinet-Type 3r	1	
C024-7	Switch Control-Level 2	1	
M018-7	Display-Digital	1	
K001-7	Battery Charger-2 Amp,12/24 Vdc	1	
G002-7	Transfer Switch Warranty-1 Yr Basic	1	
SPEC-A	Product Revision - A	1	
	SubTotal		18,100.00
LS 298			
Generator Set			
200DGFC	Genset-Diesel,60Hz,200kW	1	
A331-2	Duty Rating-Standby Power	1	
L090-2	LISTING-UL2200	1	
L098-2	Certification-EPA,Tier 2, Non Road	1	
F182-2	Housing-Weather w/muffler	1	
R002-2	Voltage-277/480, 3 Phase Wye	1	
B415-2	Alternator-60 Hz, 12 Lead, Upper Broad Range, 105c	1	
H643-2	SET CONTROL-PCC 2100	1	
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1	
A366-2	Engine Governor-Electronic, Isochronous Only	1	
H536-2	Display Language-English	1	
K631-2	RELAYS-GENSET STATUS,USER CONFIGURED	1	
KM65-2	CircuitBreakerMtg-Single Brkr,LeftOfGenEnd	1	
KM41-2	Circuit Breaker-300a,3p,600/750v,Ss Rms,80%,UI/lec	1	
C168-2	Fuel Tank-Dual Wall Subbase, 24 Hour Capacity	1	
C157-2	Switch-Low Fuel Level, Subbase	1	
C169-2	Switch-Annunciator, Liquid In Rupture Basin	1	
F179-2	Skidbase-Housing Ready	1	
E082-2	Engine Cooling-Radiator, 40c Ambient	1	
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1	

Project Name: Lee County Lift Stations

<u>Item</u>	<u>Description</u>	<u>Qty</u>	
L028-2	Genset Warranty-1 Year Base	1	
A322-2	Packing-Skid, Poly Bag	1	
F065-2	Rack-Battery	1	
H268-2	Extension-Oil Drain	1	
SPEC-F	Product Revision - F	1	
ISC-ACE-481-B	ISOLATOR PAD TYPE	4	
ISC-4D-VHD	BATTERY SAE 4D LEAD ACID	1	
ST-UP-OTP- 0-25 MILES	TRAVEL TIME INCLD. 25 MILES	1	
ST-UP-OTP-1001-2000	BASIC START UP	1	
START OPT TRANSFER SWITCH	WIRE INTERFACE CONTROL START STOP	1	
Transfer Switch			
OTPC300	Transfer Switch-Onan,PwrCmd,300 Amp	1	
A028-7	Poles-3	1	
A035-7	Application-Utility To Genset	1	
A046-7	Listing-UL 1008/CSA Certification	1	
A044-7	Frequency-60 Hertz	1	
A042-7	System-3 Phase,3 Wire Or 4 Wire	1	
R026-7	Voltage-480 Vac	1	
B002-7	Cabinet-Type 3r	1	
C024-7	Switch Control-Level 2	1	
M018-7	Display-Digital	1	
K001-7	Battery Charger-2 Amp,12/24 Vdc	1	
G002-7	Transfer Switch Warranty-1 Yr Basic	1	
SPEC-A	Product Revision - A	1	
	SubTotal		25,800.00
LS 299			
Generator Set			
50DGHE	Genset-Diesel,60Hz,50kW	1	
A331-2	Duty Rating-Standby Power	1	
L090-2	LISTING-UL2200	1	
L060-2	Certification-EPA,Tier1,NonRoad	1	
F182-2	Housing-Weather w/muffler	1	
R002-2	Voltage-277/480, 3 Phase Wye	1	
B415-2	Alternator-60 Hz, 12 Lead, Upper Broad Range, 105c	1	
H643-2	SET CONTROL-PCC 2100	1	
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1	
A366-2	Engine Governor-Electronic, Isochronous Only	1	
H536-2	Display Language-English	1	
K631-2	RELAYS-GENSET STATUS,USER CONFIGURED	1	
KM65-2	CircuitBreakerMtg-Single Brkr,LeftOfGenEnd	1	
KM34-2	Circuit Breaker-100a,3p,600/750v,Ss Rms,80%,UI/Iec	1	
C168-2	Fuel Tank-Dual Wall Subbase, 24 Hour	1	

Project Name: Lee County Lift Stations

<u>Item</u>	<u>Description</u>	<u>Qty</u>	
	Capacity		
C157-2	Switch-Low Fuel Level, Subbase	1	
C169-2	Switch-Annunciator, Liquid In Rupture Basin	1	
F179-2	Skidbase-Housing Ready	1	
E082-2	Engine Cooling-Radiator, 40c Ambient	1	
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1	
L028-2	Genset Warranty-1 Year Base	1	
A322-2	Packing-Skid, Poly Bag	1	
F065-2	Rack-Battery	1	
H268-2	Extension-Oil Drain	1	
SPEC-B	Product Revision - B	1	
ISC-ACE-481-B	ISOLATOR PAD TYPE	4	
ISC-31-PHD	BATTERY GRP 31 LEAD ACID 700CCA	1	
ST-UP-OTP- 0-25 MILES	TRAVEL TIME INCLD. 25 MILES	1	
ST-UP-OTP-1001-2000	BASIC START UP	1	
START OPT TRANSFER SWITCH	WIRE INTERFACE CONTROL START STOP	1	
	Transfer Switch		
OTPC125	Transfer Switch-Onan,PwrCmd,125 Amp	1	
A028-7	Poles-3	1	
A035-7	Application-Utility To Genset	1	
A046-7	Listing-UL 1008/CSA Certification	1	
A044-7	Frequency-60 Hertz	1	
A042-7	System-3 Phase,3 Wire Or 4 Wire	1	
R026-7	Voltage-480 Vac	1	
B002-7	Cabinet-Type 3r	1	
C024-7	Switch Control-Level 2	1	
M018-7	Display-Digital	1	
K001-7	Battery Charger-2 Amp,12/24 Vdc	1	
G002-7	Transfer Switch Warranty-1 Yr Basic	1	
SPEC-A	Product Revision - A	1	
	SubTotal		15,600.00
	LS 271VFD		
	Generator Set		
125DGDK	Genset-Diesel,60hz,125kw	1	
A331-2	Duty Rating-Standby Power	1	
L090-2	LISTING-UL2200	1	
L097-2	Emissions-Tier1 levels, NotCertified	1	
F182-2	Housing-Weather w/muffler	1	
R002-2	Voltage-277/480, 3 Phase Wye	1	
B414-2	Alternator-60 Hz, 12 Lead, Upper Broad Range, 125c	1	
H643-2	SET CONTROL-PCC 2100	1	
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1	
A366-2	Engine Governor-Electronic, Isochronous Only	1	
H536-2	Display Language-English	1	

Project Name: Lee County Lift Stations

<u>Item</u>	<u>Description</u>	<u>Qty</u>	
K631-2	RELAYS-GENSET STATUS,USER CONFIGURED	1	
KM65-2	CircuitBreakerMtg-Single Brkr,LeftOfGenEnd	1	
KM39-2	Circuit Breaker-225a,3p,600/750v,Ss Rms,80%,Ul/Iec	1	
C168-2	Fuel Tank-Dual Wall Subbase, 24 Hour Capacity	1	
C157-2	Switch-Low Fuel Level, Subbase	1	
C169-2	Switch-Annunciator, Liquid In Rupture Basin	1	
F179-2	Skidbase-Housing Ready	1	
E074-2	Engine Cooling-Radiator, 50c Ambient	1	
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1	
L028-2	Genset Warranty-1 Year Base	1	
A322-2	Packing-Skid, Poly Bag	1	
F065-2	Rack-Battery	1	
H268-2	Extension-Oil Drain	1	
SPEC-B	Product Revision - B	1	
ISC-ACE-481-B	ISOLATOR PAD TYPE	4	
ISC-4D-VHD	BATTERY SAE 4D LEAD ACID	1	
START OPT TRANSFER SWITCH	WIRE INTERFACE CONTROL START STOP	1	
ST-UP-OTP- 1001-2000	BASIC START UP	1	
ST-UP-OTP- 0- 25 MILES	TRAVEL TIME INCLD. 25 MILES	1	
	Transfer Switch		
OTPC225	Transfer Switch-Onan,PwrCmd,225 Amp	1	
A028-7	Poles-3	1	
A035-7	Application-Utility To Genset	1	
A046-7	Listing-UL 1008/CSA Certification	1	
A044-7	Frequency-60 Hertz	1	
A042-7	System-3 Phase,3 Wire Or 4 Wire	1	
R026-7	Voltage-480 Vac	1	
B002-7	Cabinet-Type 3r	1	
C024-7	Switch Control-Level 2	1	
M018-7	Display-Digital	1	
K001-7	Battery Charger-2 Amp,12/24 Vdc	1	
G002-7	Transfer Switch Warranty-1 Yr Basic	1	
SPEC-A	Product Revision - A	1	
	SubTotal		18,100.00
	LS 256		
	Generator Set		
200DGFC	Genset-Diesel,60Hz,200kW	1	
A331-2	Duty Rating-Standby Power	1	
L090-2	LISTING-UL2200	1	
L098-2	Certification-EPA,Tier 2, Non Road	1	
F182-2	Housing-Weather w/muffler	1	
R002-2	Voltage-277/480, 3 Phase Wye	1	

Project Name: Lee County Lift Stations

<u>Item</u>	<u>Description</u>	<u>Qty</u>
B415-2	Alternator-60 Hz, 12 Lead, Upper Broad Range, 105c	1
H643-2	SET CONTROL-PCC 2100	1
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1
A366-2	Engine Governor-Electronic, Isochronous Only	1
H536-2	Display Language-English	1
K631-2	RELAYS-GENSET STATUS,USER CONFIGURED	1
KM65-2	CircuitBreakerMtg-Single Brkr,LeftOfGenEnd	1
KM41-2	Circuit Breaker-300a,3p,600/750v,Ss Rms,80%,Ul/Iec	1
C168-2	Fuel Tank-Dual Wall Subbase, 24 Hour Capacity	1
C157-2	Switch-Low Fuel Level, Subbase	1
C169-2	Switch-Annunciator, Liquid In Rupture Basin	1
F179-2	Skidbase-Housing Ready	1
E074-2	Engine Cooling-Radiator, 50c Ambient	1
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1
L028-2	Genset Warranty-1 Year Base	1
A322-2	Packing-Skid, Poly Bag	1
F065-2	Rack-Battery	1
H268-2	Extension-Oil Drain	1
SPEC-F	Product Revision - F	1
ISC-ACE-481-B	ISOLATOR PAD TYPE	4
ST-UP-OTP- 0-25 MILES	TRAVEL TIME INCLD. 25 MILES	1
ISC-4D-VHD	BATTERY SAE 4D LEAD ACID	1
START OPT TRANSFER SWITCH	WIRE INTERFACE CONTROL START STOP	1
ST-UP-OTP-1001-2000	BASIC START UP	1
Transfer Switch		
OTPC300	Transfer Switch-Onan,PwrCmd,300 Amp	1
A028-7	Poles-3	1
A035-7	Application-Utility To Genset	1
A046-7	Listing-UL 1008/CSA Certification	1
A044-7	Frequency-60 Hertz	1
A042-7	System-3 Phase,3 Wire Or 4 Wire	1
R026-7	Voltage-480 Vac	1
B002-7	Cabinet-Type 3r	1
C024-7	Switch Control-Level 2	1
M018-7	Display-Digital	1
K001-7	Battery Charger-2 Amp,12/24 Vdc	1
G002-7	Transfer Switch Warranty-1 Yr Basic	1
SPEC-A	Product Revision - A	1
	SubTotal	

25,800.00

Project Name: Lee County Lift Stations

Item

Description

Qty

Quote to specifications of gen-size provided by customer and verbal conversation. Quote does not include installation, insulation or fuel. Sale is contingent on acceptance of CSPI terms of sale. Quote is valid for 60 days and does not include sales tax or unloading. F O B factory freight allowed.

Note: Quote is for all of above. If ordered units separately price is subject to change.

Submitted by

Jeffery Demars
Energy Sales Manager
(941) 337-1211

PANTROPIC POWER



Powering the Future of South Florida Business

www.pantropic.com

Rolando Coll- Sales Engineer
 8205 N.W. 58 St. Miami, FL 33166
 P: 305.592.4944/ F: 305.477.1943

Date: 02-19-04

Ref: Lee County Utilities

Quote#: 04RXC0029

Below please find the proposal for the generator set requested.

Equipment is in accordance with the following sections only, as it specifically applies to generator set and transfer switch equipment.

Spec Compliance:	Date:	Drawing Compliance:	Date:
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General Scope of Supply

Qty	I/L	Description	Cost
	L	One (1) New Caterpillar Model D125P2 Diesel Engine Generator set, rated @ 125kW Standby, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm, Diesel Engine Generator Set with the following accessories <ul style="list-style-type: none"> • 4001E control panel- NFPA 110 • One (1) 16 Light Remote Annunciator Panel – NFPA 110 • Unit Mounted Radiator • Electronic governor • Permanent Magnet Excited Generator Excitation System • Skin Tight Weather Protective Enclosure • One (1) 24 hour, subbase diesel fuel tank – UL Listed 142 • Jacket Water Heater: 120VAC input needed • Unit Mounted, Thermal-Magnetic, Circuit Breaker: One (1) 225amp, 3 Pole, 80% rated, with 24VDC shunt trip and auxiliary contacts • One (1) Lead Acid Starting Batteries, Rack & Cables • Battery Charger; 12VDC, 10 A output. 120 VAC, 1 Phase Input • Eight (8) pad type vibration isolators (Mounted between tank and foundation) • One (1) Remote stop breakglass station • Three (3) Extra O&M Manuals • Two (2) year Standard Caterpillar factory warranty 	\$23,606.00
1	L	Start-Up Test, Training, and Building Load Test (if available)	Included

Net F.O.B. Factory (freight prepaid to jobsite).....\$23,606.00 (sales tax not included)

Adders

1. One (1) 225 amp, 3 pole, 3 ph., 277/480VAC NEMA 3R Enclosure automatic transfer switch...\$2,380.00 (sales tax not included)

Exceptions / Notes

1. Specifications and one line electrical riser diagram not available at the time of this quote.

Important: Quote does not include the following (unless otherwise specifically noted above in the General Scope of Supply):

- Fuel, Fuel Piping, Fuel Venting
- Fuel Equipment Installation
- Exhaust Equipment Installation
- Exhaust Pipe & Insulation
- Electrical Equip. Installation
- Cables, Wires and Conduits
- All Equipment Installation
- Engineering & Design
- Engineering Drawings
- Installation Permitting & Fees
- Foundation Concrete Pad
- Equipment Unloading
- Equipment Storing
- Equipment Rental
- Equipment Anchoring

Miami
 8205 NW 58 Street
 Miami, FL 33166
 (975) 882-1944
 FAX (305) 477-1943

Miami River
 801 NW 4 Street
 Miami, FL 33128
 (305) 324-1225
 FAX (305) 324-6727

Fort Lauderdale
 2501 State Road 94
 Ft. Lauderdale, FL 33312
 (954) 787-7872
 FAX (954) 791-7719

West Palm Beach
 5400 Okeechobee Boulevard
 West Palm Beach, FL 33417
 (561) 540-0818
 FAX (561) 640-7854

Fort Myers
 2471 Rockhill Road
 Fort Myers, FL 33916
 (941) 337-4222
 FAX (941) 337-4211

Marathon
 700 35th Street Gulf
 Marathon, FL 33050
 (305) 743-8775
 FAX (305) 743-8338

Stuart
 272 N. Flagler Ave.
 Stuart, FL 34994
 (888) 692-3442
 FAX (305) 892-9757

Naples
 854 River Point Dr.
 Naples, FL 34102
 (941) 782-7704
 FAX (941) 732-9110

PANTROPIC POWER



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Rolando Coll- Sales Engineer
 8205 N.W. 58 St. Miami, FL 33166
 P: 305.592.4944/ F: 305.477.1943

Date: 02-19-04

Ref: Lee County Utilities

Quote#: 04RXC0029

Below please find the proposal for the generator set requested.

Equipment is in accordance with the following sections only, as it specifically applies to generator set and transfer switch equipment.

Spec Compliance:	Date:	Drawing Compliance:	Date:
-----	-----	-----	-----

General Scope of Supply

Qty	I/L	Description	Cost
	L	One (1) New Caterpillar Model D200P4 Diesel Engine Generator set, rated @ 200kW Standby, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm, Diesel Engine Generator Set with the following accessories <ul style="list-style-type: none"> • 4001E control panel- NFPA 110 • One (1) 16 Light Remote Annunciator Panel – NFPA 110 • Unit Mounted Radiator • Electronic governor • Permanent Magnet Excited Generator Excitation System • Skin Tight Weather Protective Enclosure • One (1) 24 hour, subbase diesel fuel tank – UL Listed 142 • Jacket Water Heater: 120VAC input needed • Unit Mounted, Thermal-Magnetic, Circuit Breaker: One (1) 400 amp, 3 Pole, 80% rated, with 24VDC shunt trip and auxiliary contacts • One (1) Lead Acid Starting Batteries, Rack & Cables • Battery Charger; 24VDC, 10 A output. 120 VAC, 1 Phase Input • Eight (8) pad type vibration Isolators (Mounted between tank and foundation) • One (1) Remote stop breakglass station • Three (3) Extra O&M Manuals • Two (2) year Standard Caterpillar factory warranty 	\$29,066.00
1	L	Start-Up Test, Training, and Building Load Test (if available)	Included

Net F.O.B. Factory (freight prepaid to jobsite).....\$29,066.00 (sales tax not included)

Adders

- One (1) 400 amp, 3 pole, 3 ph., 277/480VAC NEMA 3R Enclosure automatic transfer switch...\$3,107.00 (sales tax not included)

Exceptions / Notes

- Specifications and one line electrical riser diagram not available at the time of this quote.

Important: Quote does not include the following (unless otherwise specifically noted above in the General Scope of Supply):

- Fuel, Fuel Piping, Fuel Venting
- Fuel Equipment Installation
- Exhaust Equipment Installation
- Exhaust Pipe & Insulation
- Electrical Equip. Installation
- Cables, Wires and Conduits
- All Equipment Installation
- Engineering & Design
- Engineering Drawings
- Installation Permitting & Fees
- Foundation Concrete Pad
- Equipment Unloading
- Equipment Storing
- Equipment Rental
- Equipment Anchoring

Miami
 8205 NW 58 Street
 Miami, FL 33166
 (305) 592-4944
 FAX (305) 477-1943

Miami River
 801 NW 4 Street
 Miami, FL 33129
 (305) 324-4225
 FAX (305) 324-5727

Fort Lauderdale
 2501 State Road 84
 Ft.Lauderdale, FL 33312
 (954) 797-7972
 FAX (954) 791-7719

West Palm Beach
 5480 Okeechobee Boulevard
 West Palm Beach, FL 33417
 (561) 840-0818
 FAX (561) 840-7884

Fort Myers
 2471 Rockhill Road
 Fort Myers, FL 33916
 (841) 337-4222
 FAX (841) 337-4211

Marathon
 700 39th Street Gulf
 Marathon, FL 33050
 (305) 743-8775
 FAX (305) 743-8338

Stuart
 272 N. Fiegler Ave.
 Stuart, FL 34954
 (888) 892-3442
 FAX (305) 892-9757

Naples
 554 River Point Dr.
 Naples, FL 34102
 (941) 732-7704
 FAX (941) 732-9110

PANTROPIC POWER



Powering the Future of South Florida Business

www.pantropic.com

Rolando Coll- Sales Engineer
 8205 N.W. 58 St. Miami, FL 33166
 P: 305.592.4944/ F: 305.477.1943

Date: 02-19-04

Ref: Lee County Utilities

Quote#: 04RXCO029

Below please find the proposal for the generator set requested.

Equipment is in accordance with the following sections only, as it specifically applies to generator set and transfer switch equipment.

Spec Compliance:	Date:	Drawing Compliance:	Date:
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General Scope of Supply

Qty	U/L	Description	Cost
1	L	One (1) New Caterpillar Model D50P2 Diesel Engine Generator set, rated @ 50kW Standby, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm, Diesel Engine Generator Set with the following accessories <ul style="list-style-type: none"> • 4001E control panel- NFPA 110 • One (1) 16 Light Remote Annunciator Panel – NFPA 110 • Unit Mounted Radiator • Electronic governor • Permanent Magnet Excited Generator Excitation System • Skin Tight Weather Protective Enclosure • One (1) 24 hour, subbase diesel fuel tank – UL Listed 142 • Jacket Water Heater: 120VAC input needed • Unit Mounted, Thermal-Magnetic, Circuit Breaker: One (1) 80 amp, 3 Pole, 80% rated, with 12VDC shunt trip and auxiliary contacts • One (1) Lead Acid Starting Batteries, Rack & Cables • Battery Charger: 12VDC, 10 A output. 120 VAC, 1 Phase Input • Eight (8) pad type vibration Isolators (Mounted between tank and foundation) • One (1) Remote stop breakglass station • Three (3) Extra O&M Manuals • Two (2) year Standard Caterpillar factory warranty 	\$23,606.00
1	L	Start-Up Test, Training, and Building Load Test (if available)	Included

Net F.O.B. Factory (freight prepaid to jobsite).....\$23,606.00 (sales tax not included)

Adders

1. One (1) 125 amp, 3 pole, 3 ph., 277/480VAC NEMA 3R Enclosure automatic transfer switch...\$1,741.00 (sales tax not included)

Exceptions / Notes

1. Specifications and one line electrical riser diagram not available at the time of this quote.

Important: Quote does not include the following (unless otherwise specifically noted above in the General Scope of Supply):

- Fuel, Fuel Piping, Fuel Venting
- Fuel Equipment Installation
- Exhaust Equipment Installation
- Exhaust Pipe & Insulation
- Electrical Equip. Installation
- Cables, Wires and Conduits
- All Equipment Installation
- Engineering & Design
- Engineering Drawings
- Installation Permitting & Fees
- Foundation Concrete Pad
- Equipment Unloading
- Equipment Storing
- Equipment Rental
- Equipment Anchoring

Miami
 3205 NW 58 Street
 Miami, FL 33166
 (305) 582-4944
 FAX (305) 477-1943

Miami River
 301 NW 4 Street
 Miami, FL 33128
 (305) 324-4226
 FAX (305) 324-9727

Fort Lauderdale
 2501 State Road 64
 Ft.Lauderdale, FL 33312
 (954) 797-7872
 FAX (954) 791-7719

West Palm Beach
 5460 Okeechobee Boulevard
 West Palm Beach, FL 33417
 (561) 840-0818
 FAX (561) 840-7894

Fort Myers
 2471 Rockhill Road
 Fort Myers, FL 33916
 (941) 337-4222
 FAX (941) 337-4211

Marathon
 700 39th Street Gulf
 Marathon, FL 33050
 (305) 743-8775
 FAX (305) 743-8338

Stuart
 272 N. Flagler Ave.
 Stuart, FL 34984
 (888) 892-3442
 FAX (305) 682-9767

Naples
 654 River Point Dr.
 Naples, FL 34102
 (941) 732-7704
 FAX (941) 732-6110

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Rolando Coll- Sales Engineer
 8205 N.W. 58 St. Miami, Fl. 33166
 P: 305.592.4944/ F: 305.477.1943

Date: 02-18-04

Ref: Lee County Utilities

Quote#: 04RXC0029

Below please find the proposal for the generator set requested.

Equipment is in accordance with the following sections only, as it specifically applies to generator set and transfer switch equipment.

Spec Compliance:	Date:	Drawing Compliance:	Date:

General Scope of Supply

Qty	I/L	Description	Cost
1	L	Five (5) New Caterpillar Model D150P1 Diesel Engine Generator set, rated @ 150kW Standby, 277/480VAC, 3 Phase, 60 Hz., 1800 rpm, Diesel Engine Generator Set with the following accessories <ul style="list-style-type: none"> • 4001E control panel- NFPA 110 • One (1) 16 Light Remote Annunciator Panel – NFPA 110 • Unit Mounted Radiator • Electronic governor • Permanent Magnet Excited Generator Excitation System • One (1) 24 hour, 392.3 gallons subbase diesel fuel tank – UL Listed 142 • Jacket Water Heater: 120VAC input needed • Unit Mounted, Thermal-Magnetic, Circuit Breaker: One (1) 250 amp, 3 Pole, 80% rated, with 24VDC shunt trip and auxiliary contacts • One (1) Lead Acid Starting Batteries, Rack & Cables • Battery Charger, 12VDC, 10 A output. 120 VAC, 1 Phase Input • Eight (8) pad type vibration Isolators (Mounted between tank and foundation) • One (1) Remote stop breakglass station • Three (3) Extra O&M Manuals • Two (2) year Standard Caterpillar factory warranty 	\$132,515.00
1	L	Start-Up Test, Training, and Building Load Test (if available)	Included

Net F.O.B. Factory (freight prepaid to jobsite).....\$132,515.00 (sales tax not included)

Adders

1. Five (5) 400 amp, 3 pole, 3 ph., 277/480VAC NEMA 1 Enclosure automatic transfer switch....\$13,995.00 (sales tax not included)

Exceptions / Notes

1. Specifications and one line electrical riser diagram not available at the time of this quote.

Important: Quote does not include the following (unless otherwise specifically noted above in the General Scope of Supply):

- Fuel, Fuel Piping, Fuel Venting
- Fuel Equipment Installation
- Exhaust Equipment Installation
- Exhaust Pipe & Insulation
- Electrical Equip. Installation
- Cables, Wires and Conduits
- All Equipment Installation
- Engineering & Design
- Engineering Drawings
- Installation Permitting & Fees
- Foundation Concrete Pad
- Equipment Unloading
- Equipment Storing
- Equipment Rental
- Equipment Anchoring

Miami
 8205 NW 58 Street
 Miami, FL 33158
 (305) 592-4844
 FAX (305) 477-1943

Miami River
 301 NW 4 Street
 Miami, FL 33128
 (305) 324-4225
 FAX (305) 324-5727

Fort Lauderdale
 260' State Road 84
 Ft Lauderdale, FL 33312
 (954) 797-7872
 FAX (954) 791-7719

West Palm Beach
 5160 Okeechobee Boulevard
 West Palm Beach, FL 33417
 (561) 840-0518
 FAX (561) 840-7884

Fort Myers
 2471 Rockhill Road
 Fort Myers, FL 33918
 (941) 337-4222
 FAX (941) 337-4211

Marathon
 700 36th Street Gulf
 Marathon, FL 33050
 (305) 743-8775
 FAX (305) 743-8938

Stuart
 272 N. Flagler Ave.
 Stuart, FL 34994
 (888) 892-3442
 FAX (305) 892-9757

Naples
 854 River Point Dr.
 Naples, FL 34102
 (941) 732-7704
 FAX (941) 732-9110

TERMS: 90% payment due 30 days from date of invoice; Balance payment due prior to start up or 180 days after invoice, whichever occurs. **Sales tax has not been included in this quotation.** **CONDITIONS:** Terms of this sale are subject to credit approval @ Pantropic Power. Cancellations will not be accepted except on terms that will indemnify Pantropic Power against any loss. Cancellation charges will apply to orders cancelled after Pantropic's receipt of written release for production from Customer. Prices are valid for 30 days from quote date. The conditions of this quotation become a part of any order resulting hereforth and any purchase order submitted in response to this quotation, modifying, altering, or adding to these conditions shall not be binding unless accepted by us in writing. There are no agreements, understandings, or stipulations relative to this quotation other than those expressed herein. Quotation is subject to Standard Pantropic Power Products, Inc. Standard Terms & Condition on reverse side.

Thank you for the opportunity to proposed the above mentioned equipment.

Sincerely,

Rolando Coll
Sales Engineer



FLORIDA

DETROIT DIESEL - ALLISON

Your Total Power Solution®



Tampa Branch

FDDA BID NO. 2003-123

BRANCHES

FT. LAUDERDALE
4141 S.W. 30th Avenue
Ft. Lauderdale, Florida 33312
Tel: (954) 327-4440

FT. MYERS
2305 Rockfill Road
Fort Myers, Florida 33916
Tel: (941) 332-3100

FT. PIERCE
3885 Selvitz Road
Ft. Pierce, Florida 34981
Tel: (561) 464-6006

JACKSONVILLE
5040 University Blvd. West
Jacksonville, Florida 32216
Tel: (904) 737-7330

MIAMI
2277 N.W. 14th Street
Miami, Florida 33125
Tel: (305) 638-5300

OCALA
224 S.W. 52nd Avenue
Ocala, Florida 34474
Tel: (352) 237-7977

ORLANDO
6850 President's Drive
Orlando, Florida 32809
Tel: (407) 888-1700

TAMPA
8411 Adamo Drive
Tampa, Florida 33619
Tel: (813) 621-5651

Date: September 5, 2003

To: Lee County Department of Public Works Telephone: 239-936-0247
Utilities Division
Attention: Larry Clifford Facsimile: 239-936-9153

SUBJECT: 150kw Diesel generator set quotation

We are pleased to submit our quotation for the above project. This quote includes the following equipment and services:

Five (5) DDC/MTU Power Generator Model 150DSEJB Diesel engine driven generator set rated 150 KW, 180 KVA standby at .8 power factor, 277/480 volts, 3 ph, 4 wire, 60 hz at 1800 RPM.

The complete package includes:

- John Deer turbocharged 6.8L, 6 cylinder, 4 cycle, diesel engine
- electronic isochronous engine speed governor +/- .25% freq. reg steady state
- SPECTRUM Model 4S13 generator, 12 lead, 130 degree C with PMG
- Unit mounted radiator for 122 degree F ambient temperature
- Low coolant level shutdown
- Normal duty air cleaner
- Block heater 120 volts, 1500 watts
- Sound Attenuated Weather-protective enclosure – key lockable access doors
- Integally mounted Critical Grade Silencer with stainless steel exhaust flex connection
- Flexible fuel line, supply and return
- 396 gallon Double wall base mounted fuel tank – UL142 with low fuel level and leak detection sensors wired to generator control panel. 32 hour supply @ 100% rated load
- NFPA 110 level 1, auto-start controller, 16 light with A/C metering, engine gauges, safety shutdowns, alarm horn, E-stop and pre-alarms
- Voltage regulator +/- .5%
- 250 amp U.L. line circuit breaker 100% rated with 12vdc shunt trip
- Starting batteries, 12 volt
- Battery rack and cables
- Battery charger 6 amp - mounted
- Oil drain line to base
- Initial fill of oil and antifreeze
- Vibration isolators (integral)

Five (5) Spectrum Automatic Transfer switch, 400 amp, 3 pole, 277/480, 3 phase, 4 wire, UL listed, DX1000 microprocessor controller.

- Nema 3R enclosure
- Pilot lights – LED indicators
- Frequency sensing with 1% accuracy on both sources
- Adjustable time delays

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Tampa Branch

- Time stamped event log
- Phase rotation sensing
- Exerciser clock
- Timed delay neutral
- Password protected.

Miscellaneous Items:

- 5 year comprehensive warranty
- freight to jobsite – no offloading
- Jobsite startup and building load test

Total package price \$162,420.00 total
Or \$32,484 each.

Adder: 16 light remote annunciator panel \$325.00 each.

Not included or supplied by others:

- Off loading of equipment
- Concrete generator pad
- Diesel fuel
- Permits
- Sales taxes (if applicable)

QUOTE INCLUDES ONLY ITEMS LISTED ABOVE
 DELIVERY: (8-10) weeks after receipt of approved submittal
 TERMS: Net 30 pending approval
 VALIDITY: Prices valid 120 Days

If you have any questions or need additional information, please contact me at (813) 621-5651 office or (813)918-0052 mobile.

Thank you for the opportunity to quote you on this project.

Regards,

Dana Crabill
 Spectrum Generator Sales
 Dcrabill@fdda.com