



Your North and Central Florida Caterpillar Dealer

JACKSONVILLE
8040 Philips Hwy
Jacksonville, FL 32256
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4752 Capital Circle NW
Tallahassee, FL 32303
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Orlando, FL 32824
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TAMPA
9797 Gibsonton Dr
Riverview, FL 33569
813-671-3700

SALES

SERVICE

PARTS

LEASING

RENTALS

QUOTATION / SALES AGREEMENT / SECURITY AGREEMENT

DATE: 5/20/2004

QUOTATION NO: 03KM090103

CUSTOMER NAME: INFORMATION ONLY
ADDRESS:
CITY/STATE/ZIP:
PHONE:

SHIPPING LEAD TIME: TBD
SHIPPING VIA/FOB: RING POWER
SUBMITTAL LEAD TIME: TBD
JOBSITE ADDRESS: TBD
CITY/STATE/ZIP: TBD FL
PROJECT NAME: POWER PLANTS

TERMS: Full payment is due from buyer within 10 days of delivery or pickup of the equipment.

Table with 3 columns: DESCRIPTION OF MATERIAL, UNIT PRICE, EXTENSION. Content includes: CATERPILLAR NATURAL GAS / DIESEL BI-FUEL ENGINES: EIGHTEEN (18) NEW CATERPILLAR MODEL 3516B NATURAL GAS / DIESEL FUELED GENERATORS... LIST OF SPECIFICATIONS...

Quotation Accepted By: \_\_\_\_\_ Date: \_\_\_\_\_ Tax No.: \_\_\_\_\_

Customer: \_\_\_\_\_ Salesman's Signature: \_\_\_\_\_
Keith R. Moore, EPG Sales Manager - North Florida

TERMS

- This offer to sell is made subject to buyer's acceptance within ten (10) days from this date (noted above).
All quoted prices are subject to change without notice. Those in effect on the date of shipment shall prevail.
Subject to credit approval.
Used equipment is subject to prior sale.
A 25% restocking fee will be assessed for all canceled orders or returned materials.
No retainage to be withheld. Ring Power Systems is an equipment supplier and is not a sub-contractor. Our terms are Net 10 days.
No sales tax is included.
Buyer grants to seller a security interest in all equipment as described in this agreement until such time as payment is made in full in accordance with the terms and conditions of this agreement and in accord with the seller's credit application.

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
<ul style="list-style-type: none"> <li>• SPRING TYPE VIBRATION ISOLATORS, SHIPPED LOOSE</li> <li>• RESIDENTIAL GRADE SILENCERS, FLEXIBLE CONNECTOR AND RAIN CAP, SHIPPED LOOSE</li> <li>• HEAVY DUTY BATTERIES, LEAD ACID TYPE, WITH RACK AND CABLES, SHIPPED LOOSE</li> <li>• BATTERY CHARGING ALTERNATORS, 45 AMP, INSTALLED</li> <li>• HEAVY DUTY DUAL 24 VDC STARTERS, INSTALLED</li> <li>• BATTERY CHARGERS, 2 RATE, 20 AMP WITH ALARMS, SHIPPED LOOSE</li> <li>• JACKET WATER HEATERS, 9000 WATTS, 480 VAC/3 PHASE WITH 240V/1 PHASE PUMP, ISOLATION VALVES</li> <li>• LUBE OIL, FILTERS, DRAIN VALVE AND DIP STICK, INSTALLED</li> <li>• REN LUBE OIL MAKE UP TANKS WITH AUTOMATIC REGULATOR, SHIPPED LOOSE</li> <li>• RACOR FUEL WATER SEPERATORS, DUPLES TYPE WITH STANDS,SHIPPED LOOSE</li> <li>• 250 GALLON FUEL DAY TANKS, DOUBLE WALL CONSTRUCTION WITH DUPLEX PUMP SYSTEM, CONTROL PANEL, SHIPPED LOOSE</li> <li>• VZF GAS FILTER, PRIMARY REGULATOR FOR 22,000 SCFH NATURAL GAS FLOW, 100 PSIG INLET PRESSURE, SECONDARY REGULATOR, 20 PSI INLET PRESSURE, BALL VALVES, METERS AND GAUGES</li> <li>• HEAT EXCHANGERS FOR JW AND AC CIRCUITS, CIRCULATION PUMPS AND MOTORS, SHIPPED LOOSE</li> </ul> <p><b>BI-FUEL SYSTEM COMPONENTS:</b></p> <p>LOT- MODEL GKT4000B WITH STANDARD CONTROL SYSTEM CONSISTING OF THE FOLLOWING PARTS:</p> <p>1- GGT0701 GAS TRAIN KIT INCLUDES</p> <ul style="list-style-type: none"> <li>• 2 - GMX0070AAT - MIXER 7" THREADED</li> <li>• 1- GPV2030AAT - POWER VALVE, 3" DUAL</li> <li>• 1- GGR007 - REGULATOR DN80</li> <li>• 1- GFL003 GAS FILTER DN80</li> <li>• 1- GSV006 SOLENOID VALVE DN80</li> <li>• 1- G11006 FLANGE DN80</li> <li>• 1- G11008 FLANGE ADAPTOR DN80</li> <li>• 4- G12021 SEAL DN80</li> <li>• 32- G11002 HARDWARE KIT, DN SERIES</li> <li>• 1 -G11012 PRESSURE SWITCH</li> </ul> <p>1- GPA0002 CONTROL SYSTEM ACCESSORY KIT INCLUDES</p> <ul style="list-style-type: none"> <li>• 1- 693118-1 LEFT BANK HARNESS - B, C KIT</li> <li>• 1- 693121-1 RIGHT BANK HARNESS - B KIT</li> <li>• 1- 693124-1 FUEL HARNESS - SERIES II, III, IV</li> <li>• 1- 693125-1 POWER HARNESS - SERIES II, III, IV</li> <li>• 2- 691206-50 TRANSDUCER 0-50 PSIA</li> <li>• 1- 691201-15 TRANSDUCER 0-15 PSIG</li> <li>• 1- 691201-50 TRANSDUCER 0-50 PSIG</li> <li>• 3 -TCK0430-SS THERMOCOUPLE, 30 FT.</li> <li>• 3 -TH-2745-250 THERMOCOUPLE ADAPTOR</li> </ul>		

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
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**1- GPN2000V CONTROL SYSTEM INCLUDES**

- 1 - DE-2510 MONITOR/CONTROLLER
- 1 - DSM-4388DUS TEMPERATURE MONITOR, 8-POINT
- 2 - GPA0006-1 VIBRATION SENSOR PACKAGE

**MISCELLANEOUS PARTS ORDERED**

- 4 - G11063 FITTING, 1.5" JIC SWIVEL
- 2 - G11064- 10 'HOSE, 1.5", 10 FT. LENGTH
- 1 - G11302 COALESCING FILTER - 10000 SCFH AT 20 PSID
- 2 - G11308 PRIMARY PRESSURE REGULATOR - 15000 SCFH

**HIGH VOLTAGE GENERATOR CONTROL SWITCHGEAR:**

TWO UTILITY/GENERATOR PARALLELING 12.47KV SWITCHGEAR LINEUP, NEMA 1\* FOR INDOOR USE. EACH SWITCHGEAR LINEUP WILL CONSIST OF ONE (1) UTILITY MAIN CIRCUIT BREAKER SECTION, TWELVE (12) GENERATOR CIRCUIT BREAKER SECTIONS AND TWO (2) MASTER CONTROL SECTIONS. THE SWITCHGEAR LINEUP SHALL BE PROVIDED AS FOLLOWS:

**UTILITY MAIN CIRCUIT BREAKER SECTIONS:**

ONE (1) UTILITY MAIN CIRCUIT BREAKER SECTION WITH THE FOLLOWING FEATURES:

- 1 - 1200 A DRAW OUT, 3 POLE, ELECTRICALLY OPERATED, VACUUM CIRCUIT BREAKER WITH 500MVA INTERRUPTING CAPACITY AT 12.47KVAC.
- LOT - 1200 A COPPER MAIN BUS, 3 PHASE, 3 WIRE, FOR USE IN A 12.47KV SYSTEM, NEMA1\* ENCLOSURE
- 1 - SET VOLTAGE TRANSFORMERS, DRAW-OUT, 12.47KVAC PRIMARY, 120VAC SECONDARY WITH PRIMARY AND SECONDARY FUSE PROTECTION, TWO (2) PROVIDED
- 1 - SET OF THREE (3) CURRENT TRANSFORMERS, 5 AMPERE SECONDARIES WIRED TO SHORTING TERMINAL STRIPS
- 1 - UTILITY MANAGEMENT SEL 351 MULTI-FUNCTION DEVICE, MICROPROCESSOR BASED, FIELD PROGRAMMABLE, DRAW-OUT DESIGN WITH PROTECTION, METERING AND MONITORING FUNCTIONS. RELAY WILL BE PROGRAMMED TO AFFORD THE FOLLOWING FUNCTIONS FOR UTILITY PROTECTION:
  - OVERCURRENT AND INSTANTANEOUS TRIP (PHASE AND GROUND; VOLTAGE RESTRAINED ON PHASE CURRENT)
  - VOLTAGE NEGATIVE SEQUENCE
  - OVER AND UNDER VOLTAGE
  - OVER AND UNDER FREQUENCY
  - DIRECTIONAL OVERCURRENT
  - 25 SYNC CHECK WITH DEAD BUS

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
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- 1 - ANSI DEVICE 86, HIGH SPEED, MANUALLY RESETTABLE, OPERATED BY PROTECTIVE RELAYS, CAUSES TRIPPING OF THE CIRCUIT BREAKER AND PREVENTS RECLOSING OF THE CIRCUIT BREAKER FOR UTILITY PARALLEL OPERATION UNTIL RESET
- 1 - REDUNDANT ANSI DEVICE 86 SAME AS ABOVE
- 1 - CIRCUIT BREAKER SWITCH, HEAVY DUTY, THREE (3) POSITION SPRING RETURN TO CENTER WITH MOMENTARY TRIP AND CLOSE POSITIONS. INCLUDES CIRCUIT BREAKER POSITION INDICATING LAMPS
- 1 - POWERLYNX® MAIN PLC CONTROLS AND METERING TRANSDUCER
- 1 - SPACE HEATER

\* DRIP-PROOF ROOF AND GASKETED DOORS ARE INCLUDED ON THE MAIN CIRCUIT BREAKER SECTION.

**GENERATOR CIRCUIT BREAKER SECTIONS:**

NINE (9) GENERATOR CIRCUIT BREAKER SECTIONS WITH THE FOLLOWING FEATURES:

- 1 - 1200A DRAW OUT, 3 POLE, ELECTRICALLY OPERATED, VACUUM CIRCUIT BREAKER WITH 500MVA INTERRUPTING CAPACITY AT 12.47KVAC
- LOT - 1200A COPPER MAIN BUS, 3 PHASE, 3 WIRE, FOR USE IN A 12.47KV SYSTEM, NEMA1\* ENCLOSURE
- 1 - SET VOLTAGE TRANSFORMERS, DRAW-OUT, 12.47KVAC PRIMARY, 120VAC SECONDARY WITH PRIMARY AND SECONDARY FUSE PROTECTION, TWO (2) PROVIDED
- 2 - SETS OF THREE (3) CURRENT TRANSFORMERS, 5 AMPERE SECONDARIES WIRED TO SHORTING TERMINAL STRIPS. ONE SET SHIPPED LOOSE FOR GENERATOR INSTALLATION
- 1 - GENERATOR MANAGEMENT SEL 300G MULTI-FUNCTION DEVICE, MICROPROCESSOR BASED, FIELD PROGRAMMABLE, DRAW-OUT DESIGN WITH PROTECTION, METERING AND MONITORING FUNCTIONS. RELAY WILL BE PROGRAMMED TO AFFORD THE FOLLOWING FUNCTIONS FOR GENERATOR PROTECTION:
  - o OVERCURRENT AND INSTANTANEOUS TRIP (PHASE AND GROUND; VOLTAGE RESTRAINED ON PHASE CURRENT)
  - o OVER AND UNDER VOLTAGE
  - o OVER AND UNDER FREQUENCY
  - o REVERSE POWER
  - o LOSS OF FIELD
  - o NEGATIVE SEQUENCE CURRENT
  - o VOLTAGE PHASE REVERSAL
  - o GENERATOR DIFFERENTIAL OVERCURRENT
  - o LOCKOUT

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
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- o BEARING & STATOR TEMPERATURE
- o RS485/232 COMMUNICATION

1- ANSI DEVICE 86, HIGH SPEED, MANUALLY RESETTABLE, OPERATED BY PROTECTIVE RELAYS, CAUSES TRIPPING OF THE CIRCUIT BREAKER AND PREVENTS RECLOSING OF THE CIRCUIT BREAKER FOR UTILITY PARALLEL OPERATION UNTIL RESET

1- REDUNDANT ANSI DEVICE 86 SAME AS ABOVE

1- CIRCUIT BREAKER SWITCH, HEAVY DUTY, THREE (3) POSITION SPRING RETURN TO CENTER WITH MOMENTARY TRIP AND CLOSE POSITIONS. INCLUDES CIRCUIT BREAKER POSITION INDICATING LAMPS

1- VOLTAGE AND SPEED POTENTIOMETERS, 10 TURN, WITH LOCKING DIAL

1- POWERLYNX® GENERATOR PLC CONTROLS AND METERING TRANSDUCERS

1- SPACE HEATER

\* DRIP PROOF ROOF AND GASKETED DOORS ARE INCLUDED ON EACH GENERATOR CIRCUIT BREAKER SECTION.

**TWO (2) MASTER CONTROL SECTIONS WITH THE FOLLOWING FEATURES:**

1- POWERLYNX® 15" COLOR TOUCH SCREEN

1 -SYSTEM GRAPHIC ONE LINE MIMIC. THE MIMIC SHALL GRAPHICALLY SHOW EACH GENERATOR SOURCE WITH ITS RESPECTIVE MAIN CB IN A ONE-LINE REPRESENTATION. UTILIZING COLORED LIGHTS AND DIGITAL METERS, THE MIMIC SHALL ACTIVELY DISPLAY THE FOLLOWING:

- UTILITY CB OPEN/CLOSED/TRIPPED
- UTILITY VOLTS/AMPS/KW/FREQUENCY
- GENERATOR #1-9 CB OPEN/CLOSED/TRIPPED
- GENERATOR #1-9 VOLTS/AMPS/KW/FREQUENCY
- ENGINE #1-9 STOPPED/RUNNING/COOLDOWN/PRE-ALARM/SHUTDOWN
- SYSTEM OUTPUT VOLTS/AMPS/KW/FREQUENCY
- SYSTEM SUMMARY ALARM

1 -POWERLYNX® SYSTEM METERING (3P VOLTAGE, 3P CURRENT, FREQUENCY, POWER FACTOR, KW, KVAR), CONTROL (NORMAL MODE, CLOSED TRANSITION LOAD MANAGEMENT MODE, PEAK SHAVING), AND PROTECTIVE RELAYING INCLUDING:

- DEVICE 27/59 – BUS UNDER/OVER VOLTAGE
- DEVICE 81O/U – BUS UNDER/OVER FREQUENCY

1 -POWERLYNX® SYSTEM LOCAL ANNUNCIATION INCLUDING:

- STATUS, LIGHT ONLY (NON-LATCHING)
- MANUAL MODE (RED)
- AUTO MODE (GREEN)
- TEST WITHOUT LOAD (AMBER)
- TEST WITH LOAD (AMBER)
- SYSTEM NOT IN AUTO (RED)
- ENGINE #1-12 RUNNING (RED)
- ENGINE #1-12 STOPPED (GREEN)
- ENGINE #1-12 COOLDOWN (AMBER)

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
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- GEN #1-12 CB OPEN (GREEN)
- GEN #1-12 CB CLOSED (RED)
- GEN #1-12 TRIPPED (AMBER)
- ENGINE #1-12 PRE-ALARM (AMBER)
- ENGINE #1-12 SHUTDOWN FAULT (RED)
- ALARM, LIGHT AND HORN (NON-LATCHING)
- EMERGENCY MODE (RED)
- BUS UNDERFREQUENCY (RED)
- BUS UNDERVOLTAGE (RED)
- PROCESSOR FAULT (RED)
- EMERGENCY STOP (RED)

1 -POWERLYNX® UTILITY MAIN METERING (3P VOLTAGE, 3P CURRENT, FREQUENCY, POWER FACTOR, KW, KVAR), AND PROTECTIVE RELAYING INCLUDING:

- DEVICE 27/59 – UTILITY UNDER/OVER VOLTAGE
- DEVICE 81O/U – UTILITY UNDER/OVER FREQUENCY
- DEVICE 25 - SYNCH CHECK (HARDWARE REDUNDANT PROTECTIVE DEVICE)

9 - POWERLYNX® GENERATOR METERING (3P VOLTAGE, 3P CURRENT, FREQUENCY, POWER FACTOR, KW, KVAR, SYNCHROSCOPE), CONTROL, AND PROTECTIVE RELAYING INCLUDING:

- DEVICE 27/59 – UNDER/OVER VOLTAGE
- DEVICE 81O/U – UNDER/OVER FREQUENCY
- DEVICE 40 – LOSS OF EXCITATION
- DEVICE 32 – REVERSE POWER
- DEVICE 25 – SYNCHRONIZING CHECK
- DEVICE 15 – AUTO SYNCHRONIZER
- DEVICE 65 – GOVERNOR LOAD SHARING, SOFT LOADING CONTROL
- DEVICE 90 – VAR/PF AND CROSS CURRENT COMPENSATION CONTROLLER

9 - POWERLYNX® ENGINE-GENERATOR LOCAL MONITORING/ ANNUNCIATION INCLUDING:

- STATUS, LIGHT ONLY (NON-LATCHING)
- GEN ECS NOT IN AUTO (RED)
- GEN ECS IN AUTO (GREEN)
- EMERGENCY MODE (RED)
- GEN CIRCUIT BREAKER CLOSED (RED)
- GEN CIRCUIT BREAKER OPEN (GREEN)
- ENGINE STOPPED (GREEN)
- ENGINE RUNNING (RED)
- ENGINE COOLDOWN (AMBER)
- PRE-ALARM, LIGHT AND HORN (NON-LATCHING)
- PRE-HIGH COOLANT TEMP (AMBER)
- PRE-LOW OIL PRESSURE (AMBER)
- LOW COOLANT TEMP (AMBER)
- ENGINE LOW BATTERY (AMBER)
- GEN FAIL TO SYNCH (AMBER)
- PRE-HIGH OIL LEVEL (AMBER)
- PRE-LOW OIL LEVEL (AMBER)
- SHUTDOWN ALARM, LIGHT AND HORN (LATCHING)
- ENGINE OVERCRANK (RED)
- ENGINE OVERSPEED (RED)
- ENGINE LOW OIL PRESSURE (RED)
- ENGINE HIGH COOLANT TEMP (RED)
- ENGINE LOW COOLANT LEVEL (RED)
- HIGH OIL LEVEL (RED)
- LOW OIL LEVEL (RED)
- ENGINE REMOTE EMERGENCY SHUTDOWN (RED)
- GEN CIRCUIT BREAKER TRIPPED (RED)
- GEN LOSS OF FIELD (RED)
- GEN REVERSE POWER (RED)

DESCRIPTION OF MATERIAL	UNIT PRICE	EXTENSION
<ul style="list-style-type: none"> <li>• GEN UNDERVOLTAGE (RED)</li> <li>• GEN OVERVOLTAGE (RED)</li> <li>• GEN UNDERFREQUENCY (RED)</li> <li>• GEN OVERFREQUENCY (RED)</li> </ul>		
<p>1 - SET VOLTAGE TRANSFORMERS (BUS), DRAW-OUT, 12.47KVAC PRIMARY, 120VAC SECONDARY WITH PRIMARY AND SECONDARY FUSE PROTECTION, TWO (2) PROVIDED:</p> <ul style="list-style-type: none"> <li>• 1 - 15KV, 5KVA CPT FOR POWER TO SPECIFIED RECEPTACLES AND OUTLETS ON GEAR</li> <li>• 1 - SPACE HEATER</li> </ul>		
<p><b>ADDITIONAL ITEMS (PER SWITCHGEAR LINEUP)</b></p>		
<p>18 - 200A, 10 SECOND, 7200VAC (FOR 124700 VOLT SYSTEM) NEUTRAL GROUNDING RESISTOR IN ENCLOSURE, FOR FIELD MOUNTING BY CONTRACTOR – INCLUDES GROUND CT</p>		
<p>1 - POWERLYNX® REMOTE MONITORING AND CONTROL SOFTWARE, TO BE INSTALLED ON ISO FURNISHED WINDOWS 2000 BASED PC, USING MODEM, OR ETHERNET COMMUNICATION. REMOTE MONITORING PROVIDES ALL MONITORING SCREENS AVAILABLE AT THE LOCAL TOUCHSCREEN, AS WELL AS ALL ALARMS, AND REPORTS. REMOTE CONTROL INCLUDES ALL CONTROL AVAILABLE AT THE LOCAL TOUCHSCREEN.</p>		
<p>2 - PC WITH 21" COLOR VGA SCREEN AND POWERLYNX® ON-SITE REMOTE MONITORING SOFTWARE TO</p>		
<p>2 - REMOTE MODBUS DATA TABLE INTERFACE TO CUSTOMER SUPPLIED SCADA SYSTEM</p>		
<p>1 - FACTORY WITNESS TEST – TWO WEEKS</p>		
<p>1 - WEEK CUSTOMER TRAINING (TO BE DONE ON-SITE)</p>		
<p>1 - SET OF SWITCHGEAR BREAKER ACCESSORIES INCLUDING:</p> <ul style="list-style-type: none"> <li>• MANUAL RACKING HANDLE</li> <li>• SPRING CHARGING HANDLE</li> <li>• BREAKER LIFT TRUCK</li> <li>• 125VDC LEAD ACID STATION BATTERIES WITH RACK AND CHARGER</li> <li>• (2) 24VDC STATION BATTERY WITH RACK AND CHARGER</li> <li>• STARTUP AND CHECKOUT</li> <li>• O&amp;M MANUAL (ENGLISH)</li> </ul>		