



REQUEST FOR QUOTATION

For

ONE TIME PURCHASE OF A NEW TRAILER MOUNTED PORTABLE GENERATOR
QUOTE NUMBER: 18-0063-3

The Number Must Appear On All Quotations and Related Correspondence.

Quotation must be received **NOT LATER THAN 2:00 PM, on June 14, 2018** at the office of the Purchasing Agent. Quotes may be faxed, emailed, mailed or hand delivered.

Address Reply To: Johnnie Coker, 912-790-1624

Mail to: 1117 Eisenhower Drive, Suite C, Savannah Georgia, 31406

Fax to: 912 -790-1627

Email to: jlcocker@chathamcounty.org

NAME OF BIDDER: _____

STREET ADDRESS: _____

CITY, STATE, ZIP CODE: _____

PHONE: _____ FAX: _____

EMAIL: _____ FED TAX ID #: _____

INDICATE MINORITY OWNERSHIP STATUS OF BIDDER (FOR STATISTICAL PURPOSES ONLY):

CHECK ONE:

NON-MINORITY OWNED

AFRICAN AMERICAN

HISPANIC

ASIAN AMERICAN

AMERICAN INDIAN

WOMAN

The undersigned proposes to furnish the following items in strict conformance to the specifications and Request for Quote issued by Chatham County for this quote. Any exceptions must be clearly marked in the attached Scope of Work:

If offering other than approved manufacturer and models, bidders should provide specification/cut sheets and warranty information to aide in the evaluation process.

Any colors not stated will be selected at time of award.

All prices shall include complete assembly, delivery and shipping or handling charges and removal of packing materials. A standard warranty shall be included.

Item No.	Description	Qty	Manf/Model #	Price
1	Generator w/Trailer	1		
2	400 amp cable/plug	1		
3	200 amp cable/plug	1		
4	100 amp cable/plug	1		
			Total	

TIME REQUIRED FOR RECEIPT OF ORDER IS _____.

Please Print Name

Authorization Signature

Date _____

Request for Quotation Instructions

1. All shipments are to be F.O.B. destination. Freight charges must be included in quotation. Delivery shall be made to the address listed on the Purchase Order and within the time specified in the quote.
2. Quotations subject to terms set forth herein, are requested on the following list of materials, supplies or services. On quotes for services, Chatham County insurance requirements must be met. The successful vendor must provide the County with a Certificate of Insurance listing the County as Certificate Holder.
3. Quotes for materials, supplies, vehicles, and/or equipment must be accompanied by Brochures, or copies of detailed factory specifications, ratings, technical data, including accurate descriptions of the exact materials, supplies, vehicles and/or equipment for which bids are made.
5. All information required by request for quotation must be completed to constitute a proper bid.
6. Vendor warrants that the goods are merchantable and as described herein or in the solicitation response. Additional warranties may be called for in the specifications.
7. Chatham County is exempt, by law, from any and all federal and state taxes. Do not include taxes in your quotations. Tax exemption number is **58-6001113**. Exemption certificate will be provided upon request.
8. Price Protection Period of ninety (90) days for all items desired from date of bid opening. Vendors are advised that prices in effect at time of bid shall apply and not be subject to revision at time of shipment.
9. The County reserves the right to split this award by line item if deemed to be in its best interest.
10. Minority/Women Business Enterprise (MWBE) Policy: It is the policy of the County to provide minority and women owned business enterprises with equal opportunity for participating in selling goods and services to the County.
11. **Local Preference:** Bids will be evaluated in accordance with the County's Local Preference ordinance.
12. **Employment Eligibility Verification:** As required under Senate Bill 529 – “Georgia Security and Immigration Compliance Act” of 2006, O.C.G.A. Section 2, Article 3 13-10-91, public employers, their contractors and subcontractors are required to verify the work eligibility of all newly hired employees through an electronic federal work authorization program. The Georgia Department of Labor has added a new Chapter 300-10-1, entitled "Public Employers, Their Contractors and Subcontractors Required to Verify New Employee Work Eligibility Through a Federal Work Authorization Program," to the Rules and Regulations of the State of Georgia. (See website: http://www.dol.state.ga.us/pdf/rules/300_10_1.pdf.) The new rules designate the “Employment Eligibility Verification (EEV)” operated by the U.S. Citizenship and Immigration Services Bureau of the U.S. Department of Homeland Security as the electronic federal work authorization program to be utilized for these purposes. This can be accessed at: <https://e-verify.uscis.gov/enroll/StartPage.aspx?JS=YES>. Bidders shall comply with this new rule and submit with your bid the attached “Contractor Affidavit and Agreement.”
13. O.C.G.A. § 50-36-1, requires Georgia’s cities to comply with the federal **Systematic Alien Verification for Entitlements (SAVE) Program**. SAVE is a federal program used to verify that applicants for certain “public benefits” are legally present in the United States. Contracts with the County are considered “public benefits.” Therefore, the bidders are required to provide the Affidavit Verifying Status for Chatham County Benefit Application prior to receiving any County contract. The affidavit is included as part of this bid package.
14. The original invoice is to be submitted to the County Finance Department. The purchase order number must be shown on all invoices and packing lists.
15. References may be requested of the successful bidder.

THIS IS NOT AN ORDER

SPECIFICATIONS

It is the intent of these specifications to furnish Chatham Emergency Management Agency (CEMA) with **one (1), Current Year Model, Trailer Mounted, portable Generac MMG75D Super Start Generator and cable sets**. These are minimum specifications and all deviations should be noted on company letterhead and referenced by the specification category and number with a detailed explanation of the deviation.

1) GENERAL

- a) It is the intent of CEMA to purchase a trailer mounted Generac MMG75D Super Start sound attenuated enclosure generator or equivalent. Alternative suitable genset manufacturers are Caterpillar and Cummins. The operator interface shall be Generac's "Power Zone Controller" or Caterpillar / Cummins equivalents. The engine shall meet tier 3 emissions standards at minimum. The generator shall be covered by a 2 year warranty.
- b) Questions shall be in writing and emailed to Johnnie Coker at jlcocker@chathamcounty.org Questions are due one week before bid opening.
- c) Delivery of portable generator shall not exceed ten (10) weeks from award of contract and figured into price.
- d) Contractor quoted price shall be all inclusive including delivery, prep, onsite training, all items requested, and one-half (½) tank of #2 off road diesel fuel.

2) TOWED GENSET:

ENGINE

John Deere® PE4045HFG92 - turbocharged, diesel engine

Prime - 97 hp @ 1800 rpm

Standby - 107 hp @ 1800 rpm

4 cylinder

4.5 L displacement Interim

Tier IV approved Steel,

single wall fuel tank

165 gal. capacity

31 hr. run time – full load

Fuel tank built into skid of generator set
Fuel consumption at prime:
100% - 4.78 gph (18.1 Lph)
75% - 3.74 gph (14.2 Lph)
50% - 2.6 gph (9.8 Lph)
Cooling system capable of operating at 120°F ambient
Low coolant shutdown
Radiator and oil drains plumbed to exterior
Rubber vibration dampers isolate engine/generator from frame
Disposable air filter - paper element
Air cleaner restriction indicator mounted on control panel
60 Hz engine/generator
Electronic isochronous governing

GENERATOR

Marathon Electric
Brushless
4 pole
Class H insulation
Voltage regulation +/- 1% with Marathon SE350 Voltage Regulator

SYSTEM OUTPUT

3 position selector switch
Single phase – 120 / 240V Zig Zag
Three phase – 120 / 208V Low Wye
Three phase – 277 / 480V High Wye
60 kW / 60 kVA – standby, single phase
56 kW / 56 kVA – prime, single phase
69 kW / 86 kVA – standby, three phase
62 kW / 77 kVA – prime, three phase

SYSTEM CONTROLS

Power Zone™ controller and display as follows minimum:

Backlit, 800 x 480 pixel resolution color display
-40°F to 185°F operating temperature range
Automatic coarse voltage adjustment
Integrated fine voltage adjustment
PLC functionality

Push buttons for easy operation

Manual or Auto Start
Engine Start
Engine Stop/Reset
Alarm Mute
Operator Screens
 Home Engine
 Generator
 Voltage Adjust

Scrolling Arrows for Diagnostic Information

Engine diagnostic display

- Oil pressure
- Engine temperature
- Fuel level
- Battery
- After treatment inlet/outlet temperature
- Ash/soot levels

Generator diagnostic display

- System kW output display
- Line output & frequency display

Alarms Warning

- Shutdown
- Electrical Trip
- Engine

Alarm list – warnings / shutdowns 250 event history log – date/time stamp

- Fuel level: warning – 15%; shutdown – 5%
- Overspeed protection: shutdown – 115%
- Oil pressure: warning – 25 psi; shutdown – 20 psi
- Coolant temperature: warning – 220°F; shutdown – 230°F
- Battery voltage: over – 15VDC; under – 11VDC
- Generator over voltage: warning – 110%; electrical trip – 111%
- Generator under voltage: warning – 87%; electrical trip – 86%
- Generator over frequency: warning – 105%; electrical trip – 110%
- Generator under frequency: warning – 95%; electrical trip – 90%

Inputs/Outputs

Auto Schedule

Status

Configuration of controller, firmware and connections

ELECTRICAL CONTROLS

Remote start / stop contacts located next to lug box

Lockable control box door with diagnostics window

Lockable lug box with safety switch

Trips main breaker when door is opened

Disables voltage regulator

Cable entry guides to the lug box

Provides separation for cables

Restricts access of foreign objects

Output ground connection lug inside lug box

300A main breaker with shunt trip

Convenience receptacles with individual breakers (restricted use in high wye mode)

(2) 120V 20 Amp GFCI duplex outlets – (Nema 5-20R type)

(3) 125 / 250V 50 Amp, 3 pole, 4 wire twistlock (Non-Nema 6369)

Panel mounted rheostat for voltage adjustment - +/- 10%

720 CCA wet cell battery

ENCLOSURE

Aluminum, sound attenuated enclosure
UV & fade resistant, high temperature cured, white polyester powder paint
Insulated and baffled
68 dB(A) at 23 feet – prime power
Fully lockable enclosure including doors and fuel fill
Stainless steel hinges on doors
Emergency stop switch located on outside of enclosure
Central lifting point
Multi-lingual operating/safety decals
Document holder with operating manual including AC/DC wiring diagrams

TRAILER

DOT approved tail, side, brake, and directional lights
Recessed rear lights
Transportation tie downs
Safety chains with spring loaded safety hooks
2 5/16" ball mount hitch
6000 lb. axle with surge brakes
3000 lb. tongue jack with footplate
ST225/75R15 tubeless tires – 8 ply

WEIGHTS & DIMENSIONS

Trailer mounted
Dry weight: 4240 lbs (1923 kg)
Operating weight: 5410 lbs (2454 kg)
166 x 62 x 84 in. (4.22 x 1.57 x 2.13 m)

WARRANTY

Engine and generator covered under OEM warranty.

CERTIFICATIONS

CSA certified

ADDITIONAL OPTIONS:

- 1) Trailer, 2 5/16" ball mount hitch, single axle with electric brakes and 6 pin connector
- 2) Spare tire/wheel kit to be included
- 3) 60/40 coolant for cold weather applications
- 4) Interior and control panel lights to be included
- 5) Power Zone Controller
- 6) In line engine block heater (Kim Hotstart or equivalent)
- 7) Battery trickle charger (2 amp)
- 8) Battery disconnect
- 9) 720 CCA AGM sealed battery
- 10) PMG generator – critical grade power quality
- 11) SUPERSTART Generator – motor starting applications

- 12) 4 position phase switch
 - Single phase – 120 / 240V Zig Zag
 - Three phase – 120 / 208V Low Wye
 - Three phase – 277 / 480V High Wye
 - Three phase – 120 / 240V Delta
- 13) Buck transformer kit which provides 120V at GFCI outlets when in 277/480V
- 14) Dedicated voltage configurations
- 15) Cam locks – female and useable with customer owned cables.
 - Female cam locks shall be installed on both 208 volt and 480 volt breakers located on generator set and shall be compatible with the male cam locks installed on the cables. Female cam locks shall be duplicates of items on existing customer owned portable MMG175 generator and color coded black, red, green, white, and blue.
- 16) Trailer mounted cable box

3) Materials provided and installed on each generator set

- a) Twenty-five foot (25') 4/0 mining cable with one (1) 400 Amp Russell Stoll plug (DF4504FP00) installed on one end with male cam locks installed on the other end. This cable will be for use at locations requiring 480 volt services.
- b) Twenty-five foot (25') 3/0 mining cable with one (1) 200 Amp Russell Stoll plug (JPS2044FR) on one end with male cam locks installed on the other end. This cable will be designated for use at locations requiring 200 Amp services for 208/240 and 480 volt services.
- c) Twenty-five foot (25') #2 mining cable with one (1) 100 Amp Russell Stoll plug (JPS1044FR) on one end with male cam locks installed on the other end. This cable will be designated for use at locations requiring 100 Amp services or less for 208/240 and 480 volt services.

4) Field Testing and Training by Contractor and included in bid price:

- a) Delivery to job site included in price.
- b) Start-up and testing services.
- c) Operation and Maintenance Manuals: 1 Set
- d) Warranty, Two (2) years from the start-up date.
- e) Provide customer with genset operations and connection training.

5) Warranty

- a) Manufacturer's Warranties shall be provided in written form for inclusion with submittal, installation, and Operation and Maintenance manuals. The warranty period shall be two (2) years from the date of equipment delivery to customer.
- b) The contractor shall ensure completed work is free of material and workmanship defects.
- c) The generator manufacturer shall include operations and maintenance manuals for the engine and generator.

INCLUDE APPROPRIATE LITERATURE ABOUT THE EQUIPMENT YOU ARE BIDDING.

CONTRACTOR AFFIDAVIT under O.C.G.A. § 13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. § 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of CHATHAM COUNTY has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. § 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____(city), _____(state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC

My Commission Expires:

SUBCONTRACTOR AFFIDAVIT under O.C.G.A. § 13-10-91(b)(3)

By executing this affidavit, the undersigned subcontractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services under a contract with _____ (name of contractor) on behalf of CHATHAM COUNTY has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. § 13-10-91. Furthermore, the undersigned subcontractor will continue to use the federal work authorization program throughout the contract period and the undersigned subcontractor will contract for the physical performance of services in satisfaction of such contract only with sub-subcontractors who present an affidavit to the subcontractor with the information required by O.C.G.A. § 13-10-91 (b). Additionally, the undersigned subcontractor will forward notice of the receipt of an affidavit from a sub-subcontractor to the contractor within five (5) business days of receipt. If the undersigned subcontractor receives notice of receipt of an affidavit from any sub-subcontractor that has contracted with a sub-subcontractor to forward, within five (5) business days of receipt, a copy of such notice to the contractor. Subcontractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Subcontractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 201__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE _____ DAY OF _____, 201__.

NOTARY PUBLIC
My Commission Expires:

***Systematic Alien Verification for Entitlements (SAVE)
Affidavit Verifying Status for Chatham County Benefit Application***

By executing this affidavit under oath, as an applicant for a Chatham County, Georgia Business License or Occupation Tax Certificate, Alcohol License, Taxi Permit, Contract or other public benefit as reference in O.C.G.A. Section 50-36-1, I am stating the following with respect to my bid for a Chatham County contract for _____. [Name of natural person applying on behalf of individual, business, corporation, partnership, or other private entity]

1.) _____ I am a citizen of the United States.

OR

2.) _____ I am a legal permanent resident 18 years of age or older.

OR

3.) _____ I am an otherwise qualified alien (8 § USC 1641) or non-immigrant under the Federal Immigration and Nationality Act (8 USC 1101 et seq.) 18 years of age or older and lawfully present in the United States.*

In making the above representation under oath, I understand that any person who knowingly and willfully makes a false, fictitious, or fraudulent statement or representation in an affidavit shall be guilty of a violation of Code Section 16-10-20 of the Official Code of Georgia.

Signature of Applicant:

Date

Printed Name:

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE
____ DAY OF _____, 20 ____

* _____
Alien Registration number for non-citizens.

Notary Public
My Commission Expires:

REFERENCES

Bidders shall provide references on this form.

1. Firm Name _____
Contact _____
Title _____ E-mail _____
Mailing Address _____
Phone _____ Fax _____
Type of Services Provided: _____
2. Firm Name _____
Contact _____
Title _____ E-mail _____
Mailing Address _____
Phone _____ Fax _____
Type of Services Provided: _____
3. Firm Name _____
Contact _____
Title _____ E-mail _____
Mailing Address _____
Phone _____ Fax _____
Type of Services Provided: _____
4. Firm Name _____
Contact _____
Title _____ E-mail _____
Mailing Address _____
Phone _____ Fax _____
Type of Services Provided: _____