

**Lee County Board Of County Commissioners
Agenda Item Summary**

Blue Sheet No. 20020750

1. REQUESTED MOTION:

ACTION REQUESTED: Approve award of Formal Quotation # Q-020384, Two (2) Trailer-Mounted Generators, for the Division of Public Safety, to the low quoter meeting all specification requirements, Standby Systems, Inc., for a grand total amount of \$52,082.00. Also approve the expenditure of a not-to-exceed amount of \$5,000.00 to reposition the portable generator electrical connection at the Caloosa Middle School.

WHY ACTION IS NECESSARY: According to Section 9.4.1 of the Lee County Purchasing & Payment Procedures Manual, approved by the Board on 3/21/00, purchases over \$50,000.00 must be approved by the Board.

WHAT ACTION ACCOMPLISHES: Allows the Division of Public Safety to obtain two (2) 50 kW portable emergency generators that will be used to provide emergency power at two (2) public shelters; and for other emergency response purposes.

**2. DEPARTMENTAL CATEGORY:
COMMISSION DISTRICT #**

C7C

3. MEETING DATE:

07-09-2002

4. AGENDA:

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

**5. REQUIREMENT/PURPOSE:
(Specify)**

- STATUTE
- ORDINANCE
- ADMIN. AC-4-1
- CODE
- OTHER

6. REQUESTOR OF INFORMATION:

- A. COMMISSIONER
- B. DEPARTMENT
- C. DIVISION Public Safety

BY: John Wilson, Director *JW*

7. BACKGROUND:

On March 29, 2002, the Division of Purchasing received a request from the Division of Public Safety, to quote two (2) trailer-mounted generators. The anticipated cost required the use of the formal sealed quotation procedure.

--BACKGROUND CONTINUED ON PAGE TWO--

8. MANAGEMENT RECOMMENDATIONS:

9. RECOMMENDED APPROVAL:

A Department Director	B Purchasing or Contracts	C Human Resources	D Other	E County Attorney	F Budget Services				G County Manager
<i>J.W. Wilson</i> 6/24/02	<i>Janet Sheehan</i> 6-21-02 <i>6/24/02</i>	N/A		<i>Ardena</i> <i>Jasek</i>	OA <i>6/24/02</i>	OM <i>6/25/02</i>	Risk <i>6/26</i>	GC <i>6-25-02</i>	<i>Bh</i>

10. COMMISSION ACTION:

- APPROVED
- DENIED
- DEFERRED
- OTHER

REC'D.
BY CO. ATTY.
6/24/02
125100
CO. ATTY. *6/24/02*
FORWARDED TO:
Budget
6/24/02

RECEIVED BY
COUNTY ADMIN. *PM*
6/25 4:00
COUNTY ADMIN.
FORWARDED TO:
6/25 2:00 BL

--BACKGROUND CONTINUED FROM PAGE ONE--

Sealed quotations were received by the Division of Purchasing on May 14, 2002. On that date, eleven (11) responses were received, of which five (5) were "No Bids". The quotations have been thoroughly reviewed, and a recommendation is being made to award the quotation to the low quoter meeting all specification requirements, Standby Systems, Inc., for a grand total amount of \$52,082.00. Board approval is also requested for the expenditure of a not-to-exceed amount of \$5,000.00 to reposition the portable generator electrical connection at the Caloosa Middle School.

It should be noted that the apparent low quoter, Bob Mitchell Associates, could not be considered because the enclosure included in their quotation did not meet specifications – the ability to withstand wind loads of 120 mph was required; and the enclosure quoted is only rated up to 110 mph. This fact was verified with Generac, the manufacturer of the enclosure (please see Attachment #5). The second low quoter, CJ'S Sales & Service, Inc. could not be considered due to the fact that they did not acknowledge receipt of Addendum #1 – which materially changed the specifications.

Funds are available: KF5250418200.506430

Public Safety, All Hazards Protection, Fund 182, Vehicles and Rolling Stock

ATTACHMENTS:

- (1) Tabulation Sheet
- (2) Department's Request for Quotations
- (3) Specifications
- (4) Standby Systems, Inc.'s Quotation
- (5) Verification from Generac of the Enclosure's Wind Resistance Rating
- (6) Department's Recommendation

FORMAL QUOTATION #Q-020384	LEE COUNTY, FLORIDA TABULATION SHEET						
OPENING DATE: 5/14/02	FOR						
BUYER: BOB FRANCESCINI	THE PURCHASE OF TWO (2) TRAILER-MOUNTED GENERATORS						
VENDORS	BOB MITCHELL ASSOCIATES INC.	CJS SALES & SERVICE INC.	STANDBY SYSTEMS INC.	AAA GENERATOR & PUMP INC.	FORT MYERS ARMATURE INC.	NEXTGEN POWER SYSTEMS OF NEW JERSEY INC.	
GRAND TOTAL COST FOR TWO (2)	\$47,540.00	\$49,484.00	\$52,082.00	\$57,200.00	\$61,278.00	\$75,198.00	
DELIVER W/ OWN VEHICLES?	NO	YES	NO	YES	NO	NO	
DELIVERED W/IN CALENDAR DAYS:	60	55	90	90	14	42	
LOCAL VENDOR PREFERENCE	NO	NO	NO	YES	YES	NO	
MODIFICATIONS:	NO	NO	NO	NO	YES*	NO	
QUOTE SIGNED:	YES	YES	YES	YES	YES	YES	
OCCUPATIONAL LICENSE #:	N/A	N/A	N/A	913782	624030	N/A	
ADDENDUM #1 ACKNOWLEDGED?	YES	NO	YES	YES	YES	YES	
MEETS SPECS	NO	NO	YES	NO	YES	YES	
*VENDOR'S MODIFICATIONS - SECTION A-6-D: NO KW METER & SECTION C-1: NO RUPTURE ALARM TO DETECT FAILURE.							
NO BIDS							
R.B. GROVE							
B&M EQUIPMENT RENTAL & SALES							
ALTERNATIVE POWER SOURCES							
POWER LOGICS							
AAA TOOL & SUPPLY							

ATTACHMENT # 1

ATTACHMENT # 2

From: John Wilson
To: Franceschini, Robert
Date: 3/29/02 2:57PM
Subject: Generator Bid Specifications - Dunbar and Caloosa Middle Schools

Bob,

Please initiate a formal request for quotation for the above referenced project. Attached is the bid specification for the project.

I will send under separate cover the following attachments to this specification:

- Electric diagram for light connection to trailer
- Specifications on the connector needed to hook the generators to each school.

Please let me know if you need additional information.

CC: Bridges, Michael; Geren, Jim; Judith_HartnerMD@doh.state.fl.us; Saniter, David



LEE COUNTY
SOUTHWEST FLORIDA

PROJECT NO.: Q-020384

OPEN DATE: MAY 14, 2002

AND TIME: 2:30 P.M.

MANDATORY

PRE-BID DATE: MAY 2, 2002

AND TIME: 11:00 A.M.

LOCATION: 3434 HANCOCK BRIDGE
PARKWAY, 3RD FLOOR
N. FT. MYERS, FL 33903

REQUEST FOR QUOTATIONS

TITLE:

THE PURCHASE OF TWO (2)
TRAILER-MOUNTED GENERATORS

REQUESTER: LEE COUNTY BOARD OF COUNTY COMMISSIONERS
DIVISION OF PURCHASING
3434 HANCOCK BRIDGE PKWY, 3RD FLOOR
P.O. BOX 398
FORT MYERS, FL 33902-0398

BUYER: BOB FRANCESCHINI, C.P.M., CPPB
PURCHASING AGENT
PHONE NO.: (239) 689-7385

Bob Janes
District One

Douglas R. St. Cerny
District Two

May 3, 2002

Ray Judah
District Three

Quotation No.: Q-020384

Andrew W. Coy
District Four

John E. Albion
District Five

**LEE COUNTY ADDENDUM NUMBER ONE
TO THE SPECIFICATIONS FOR
TWO (2) TRAILER-MOUNTED GENERATORS**

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

**QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE PROPOSAL
QUOTE FORM (PAGE 13).**

Diana M. Parker
*County Hearing
Examiner*

The original specifications and other contract documents are amended as noted below:

Page 18, Section A, Item 2.a.

Delete the reference to: kVA

Page 19, Section B, Item 1.

Clarification: The specification states, "The enclosure shall also contain sufficient storage space for power cables, spare parts, oil, etc."

The County is willing to accept alternative storage methodologies; for example: A NEMA 3R weather-proof storage cabinet outside of the enclosure sufficient in size to store the cables, etc. (location to be determined at the pre-construction conference) would be acceptable.

Please include with your quote, on your letterhead, the storage methodology you plan to employ if awarded the quote.

Pages 19, 20, and 21, Section B. Generator Set Enclosure

All references to the use of stainless steel rivets under this section shall be deleted.

Page 21, Section B, Item 11

This paragraph shall be revised to read: "The enclosure shall have an internal battery rack with cables." The remainder of the paragraph as originally written shall be deleted.

Page 22, Section F, Item 2a.

The following change within the paragraph: from 80 amp to 60 amp

Page 22, Section F, Item 3

The following change within the paragraph: from min. 4.0 size to min. 2.0 size

Page 22, Section F, Item 3

The following sentence shall be added to the end of this paragraph:

“The connector for the 120/240 three-phase power cable shall have a female camlock with cap.

Page 23, Section F, Item 4

The following change within the paragraph: from 80 amp to 60 amp

Page 23, Section F, Item 4

The following sentence shall be added to the end of this paragraph:

“The 50 and 20 amp breakers will work off of the 120/240 position.”

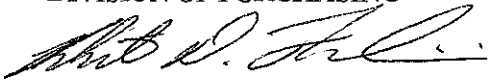
Page 27, Attachment A

It has been brought to the County’s attention that the generator connection to this building needs to be modified/repositioned. As this is a Lee County School District facility; a decision has not yet been made as to who will be responsible for doing this work; and for the associated costs of same.

The awarded vendor may be asked to perform this work. If the awarded vendor under this quotation is asked to perform this work; he/she will be reimbursed separately from the grand total cost quoted for the two (2) generators specified under this quote. DO NOT INCLUDE THE COST TO MODIFY/REPOSITION THIS CONNECTION IN YOUR “GRAND TOTAL COST FOR TWO (2) TRAILER-MOUNTED GENERATORS”.

If there are any questions regarding this addendum, please contact Bob Franceschini at 239-689-7385.

DIVISION OF PURCHASING



Robert D. Franceschini, C.P.M., CPPB
Purchasing Agent

cc: John Wilson/Public Safety
Lisa Pierce/Minutes

GENERAL CONDITIONS

Sealed Quotations will be received by the DIVISION OF PURCHASING, until 2:30pm on the date specified on the cover sheet of this "Request for Quotations", and opened immediately thereafter by the Purchasing Director or designee.

Any question regarding this solicitation should be directed to the Buyer listed on the cover page of this solicitation, or by calling the Division of Purchasing at (239) 689-7385.

1. SUBMISSION OF QUOTE:

- a. Quotations shall be sealed in an envelope, and the outside of the envelope should be marked with the following information:
 1. Marked with the words "Sealed Quote"
 2. Name of the firm submitting the quotation
 3. Title of the quotation
 4. Quotation number

- b. The Quotation shall be submitted in triplicate as follows:
 1. The original consisting of the Lee County quotes forms completed and signed.
 2. A copy of the original quote forms for the Purchasing Director.
 3. A second copy of the original quote forms for use by the requesting department.

- c. The following should be submitted along with the quotation in a separate envelope. This envelope should be marked as described above, but instead of marking the envelope as "Sealed Quote", please indicate the contents; i.e., literature, drawings, submittals, etc. This information should be submitted in duplicate.
 1. Any information (either required or in addition to that asked for by the specifications) necessary to analyze your quotation; i.e., required submittals, literature, technical data, financial statements.
 2. Warranties and guarantees against defective materials and workmanship.

- d. **ALTERNATE QUOTE:** If the vendor elects to submit more than one quote, then the quotes should be submitted in separate envelopes and marked as indicated above. The second, or alternate quote should be marked as "Alternate".

- e. **QUOTES RECEIVED LATE:** It is the quoter's responsibility to ensure that his quote is received by the Division of Purchasing Services prior to the opening date and time specified. Any quote received after the opening date and time will be promptly returned to the quoter unopened. Lee County will not be responsible for quotes received late because of delays by a third party delivery service; i.e., U.S. Mail, UPS, Federal Express, etc.
- f. **QUOTE CALCULATION ERRORS:** In the event there is a discrepancy between the total quoted amount or the extended amounts and the unit prices quoted, the unit prices will prevail and the corrected sum will be considered the quoted price.
- g. **PAST PERFORMANCE:** All vendors will be evaluated on their past performance and prior dealings with Lee County (i.e., failure to meet specifications, poor workmanship, late delivery, etc.).
- h. **WITHDRAWAL OF QUOTE:** No quote may be withdrawn for a period of 90 days after the scheduled time for receiving quotes. A quote may be withdrawn prior to the quote-opening date and time. Such a request to withdraw should be made in writing to the Purchasing Director, who will approve or disapprove of the request.
- i. **COUNTY RESERVES THE RIGHT:** The County reserves the right to waive minor informalities in any quote; to reject any or all quotes with or without cause; and/or to accept the quote that in its judgment will be in the best interest of the County of Lee.
- j. **EXECUTION OF QUOTE:** All quotes shall contain the signature of an authorized representative of the quoter in the space provided on the quote proposal form. All quotes shall be typed or printed in ink. The bidder may not use erasable ink. All corrections made to the quote shall be initialed.

2. **ACCEPTANCE**

The materials and/or services delivered under the quote **shall** remain the property of the seller until a physical inspection and actual usage of these materials and/or services is accepted to the County and is to be in compliance with the terms herein, fully in accord with the specifications and of the highest quality. In the event the materials and/or services supplied to the County are found to be defective or do not conform to specifications, the County reserves the right to cancel the order upon written notice to the seller and return such product to the seller at the seller's expense.

3. **SUBSTITUTIONS**

Whenever in these specifications a brand name or make is mentioned, it is the intention of the County only to establish a grade or quality of materials and not to rule out other brands or makes of equality. However, if a product other than that specified is quote, it is the vendor's responsibility to name such product with his quote and to prove to the County that said product is equal to the product specified. Lee County **shall** be the sole judge as to whether a product being offered by the quoter is actually equivalent to the one being specified by the detailed specifications. (Note: This paragraph does not apply when it is determined that the technical requirements of this solicitation require only a specific product as stated in the detailed specifications.

4. **RULES, REGULATIONS, LAWS, ORDINANCES & LICENSES**

The awarded vendor shall observe and obey all laws, ordinances, rules, and regulations, of the federal, state, and local government, which may be applicable to the supply of this product or service.

- a. Occupational License – Vendor shall submit within 10 calendar days after request.
- b. Specialty License(s) – Vendor shall possess at the time of the opening of the quote all necessary permits and/or license required for the sale of this product and/or service and upon the request of the County provide copies of licenses and/or permits within 10 calendar days after request.

5. **RECYCLED PRODUCTS**

It is the Lee County Board of County Commissioners' stated policy objective to "Ensure all departments are aware of the availability of recycled products..." (Administrative Code #AC-10-4). In an effort to provide the utmost opportunity for the use of recycled products by Lee County, vendors should list on their letterhead, all necessary information regarding any applicable recycled products they have available. Recycled products should meet all other specifications listed and have a minimum of 50%-recycled content. Whenever fiscally feasible, available recycled products will be purchased.

6. **WARRANTY/GUARANTY** (unless otherwise specified)

All materials and/or services furnished under this quote shall be warranted by the vendor to be free from defects and fit for the intended use.

7. **PRE-BID CONFERENCE**

A pre-bid conference will be held at the location, date, and time specified on the cover of this solicitation. Pre-bid conferences are generally non-mandatory, but it is highly recommended that everyone planning to submit a quote attend.

In the event a pre-bid conference is classified as mandatory, it will be so specified on the cover of this solicitation and it will be the responsibility of the quoter to ensure that they are represented at the pre-bid. Only those quoters who attend the pre-bid conference will be allowed to quote on this project.

8. **BIDDERS LIST MAINTENANCE**

A bidder should respond to "Request for Quotations" in order to be kept on the Bidder's List. Failure to respond to three different "request for quotations" may result in the vendor being removed from the Bidder's List. A bidder may do one of the following, in order to respond properly to the request:

- a. Submission of a quotation prior to the quote receipt deadline.
- b. Submission of a "no bid" notice prior to the quote receipt deadline.

9. **LEE COUNTY PAYMENT PROCEDURES**

All vendors are requested to mail one original invoice and one invoice copy to:

Lee County Finance Department
Post Office Box 2238
Fort Myers, FL 33902-2238

All invoices will be paid as directed by the Lee County payment procedure unless otherwise differently stated in the detailed specification portion of this quote.

Lee county will not be liable for request of payment deriving from aid, assistance, or help by any individual, vendor, quoter, or bidder for the preparation of these specifications.

Lee County is generally a tax-exempt entity subject to the provisions of the 1987 legislation regarding sales tax on services. Lee County will pay those taxes for which it is obligated, or it will provide a Certificate of Exemption furnished by the Department of Revenue. All contractors or quoters should include in their quote all sales or use taxes, which they will pay when making purchases of material or subcontractor's services.

10. **LEE COUNTY BID PROTEST PROCEDURE**

Any contractor/vendor/firm that has submitted a formal bid/quote/proposal to Lee County, and who is adversely affected by an intended decision with respect to the award of the formal bid/quote/proposal, shall file with the County's Purchasing Director or Public Works Director a written "Notice of Intent to File a Protest" not later than seventy-two (72) hours (excluding Saturdays, Sundays and Legal Holidays) after receipt of a "Notice of Intended Decision" from the County with respect to the proposed award of the formal bid/quote/proposal.

The "Notice of Intent to File a Protest" is one of two documents necessary to perfect Protest. The second document is the "Formal Written Protest", both documents are described below.

The "Notice of Intent to File a Protest" document shall state all grounds claimed for the Protest, and clearly indicate it as the "Notice of Intent to File a Protest". Failure to clearly indicate the Intent to file the Protest shall constitute a waiver of all rights to seek any further remedies provided for under this Protest Procedure.

The "Notice of Intent to File a Protest" shall be received ("stamped in") by the Purchasing Director or Public Works Director not later than Four o'clock (4:00) PM on the third working day following the day of receipt of the County's Notice of Intended Decision.

The affected party shall then file its Formal Written Protest within ten (10) calendar days after the time for the filing of the Notice of Intent to File a Protest has expired. Except as provided for in the paragraph below, upon filing of the Formal Written Protest, the contractor/vendor/firm shall post a bond, payable to the Lee County Board of County Commissioners in an amount equal to five percent (5%) of the total bid/quote/proposal, or Ten Thousand Dollars (\$10,000.00), whichever is less. Said bond shall be designated and held for payment of any costs that may be levied against the protesting contractor/vendor/firm by the Board of County Commissioners, as the result of a frivolous Protest.

A clean, Irrevocable Letter of Credit or other form of approved security, payable to the County, may be accepted. Failure to submit a bond, letter of credit, or other approved security simultaneously with the Formal Written Protest shall invalidate the protest, at which time the County may continue its procurement process as if the original "Notice of Intent to File a Protest" had never been filed.

Any contractor/vendor/firm submitting the County's standard bond form (CSD: 514), along with the bid/quote/proposal, shall not be required to submit an additional bond with the filing of the Formal Written Protest.

The Formal Written Protest shall contain the following:

- County bid/quote/proposal identification number and title.
- Name and address of the affected party, and the title or position of the person submitting the Protest.
- A statement of disputed issues of material fact. If there are no disputed material facts, the Formal Protest must so indicate.
- A concise statement of the facts alleged, and of the rules, regulations, statutes, or constitutional provisions, which entitle the affected party to relief.
- All information, documents, other materials, calculations, and any statutory or case law authority in support of the grounds for the Protest.
- A statement indicating the relief sought by the affected (protesting) party.
- Any other relevant information that the affected party deems to be material to Protest.

Upon receipt of a timely filed "Notice of Intent to File a Protest", the Purchasing Director or Public Works Director (as appropriate) may abate the award of the formal bid/quote/proposal as appropriate, until the Protest is heard pursuant to the informal hearing process as further outlined below, except and unless the County Manager shall find and set forth in writing, particular facts and circumstances that would require an immediate award of the formal bid/quote/proposal for the purpose of avoiding a danger to the public health, safety, or welfare. Upon such written finding by the County Manager, the County Manager may authorize an expedited Protest hearing procedure. The expedited Protest hearing shall be held within ninety-six (96) hours of the action giving rise to the contractor/vendor/firm's Protest, or as soon as may be practicable for all parties. The "Notice of Intent to File a Protest" shall serve as the grounds for the affected party's presentation and the requirements for the submittal of a formal, written Protest under these procedures, to include the requirement for a bond, shall not apply.

The Dispute Committee shall conduct an informal hearing with the protesting contractor/vendor/firm to attempt to resolve the Protest, within seven working days (excluding Saturdays, Sundays and legal holidays) from receipt of the Formal Written Protest. The Chairman of the Dispute Committee shall ensure that all affected parties may make presentations and rebuttals, subject to reasonable time limitations, as appropriate. The purpose of the informal hearing by the Dispute Committee, the protestor and other affected parties is to provide and opportunity: (1) to review the basis of the Protest; (2) to

evaluate the facts and merits of the Protest: and (3) to make a determination whether to accept or reject the Protest.

Once a determination is made by the Dispute Committee with respect to the merits of the Protest, the Dispute Committee shall forward to the Board of County Commissioners its recommendations, which shall include relevant background information related to the procurement.

Upon receiving the recommendation from the Dispute Committee, the Board of County Commissioners shall conduct a hearing on the matter at a regularly scheduled meeting. Following presentations by the affected parties, the Board shall render its decision on the merits of the Protest.

If the Board's decision upholds the recommendation by the Dispute Committee regarding the award, and further finds that the Protest was either frivolous and/or lacked merit, the Board, at its discretion, may assess costs, charges, or damages associated with any delay of the award, or any costs incurred with regard to the protest. These costs, charges or damages may be deducted from the security (bond or letter of credit) provided by the contractor/vendor/firm. Any costs, charges or damages assessed by the Board in excess of the security shall be paid by the protesting contractor/vendor/firm within thirty (30) calendar days of the Board's final determination concerning the award.

All formal bid/quote/proposal solicitations shall set forth the following statement:

“FAILURE TO FOLLOW THE BID PROTEST PROCEDURE REQUIREMENTS WITHIN THE TIMEFRAMES AS PRESCRIBED HEREIN AND ESTABLISHED BY LEE COUNTY BOARD OF COUNTY COMMISSIONERS, FLORIDA, SHALL CONSTITUTE A WAIVER OF YOUR PROTEST AND ANY RESULTING CLAIMS.”

11. **PUBLIC ENTITY CRIME**

Any person or affiliate as defined by statute who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid or a contract to provide any goods or services to the County; may not submit a bid on a contract with the County for the construction or repair of a public building or a public work; may not submit bids or leases of real property to the County; may not be awarded or perform works as a contractor, supplier, subcontractor, or consultant under a contract with the County, and may not transact business with the County in excess of \$15,000.00 for a period of 36 months from the date of being placed on the convicted vendor list.

12. **QUALIFICATION OF QUOTERS** (unless otherwise noted)

Quotes will be considered only from firms normally engaged in the sale and distribution or provision of the services as specified herein. Quoters shall have adequate organization, facilities, equipment, and personnel to ensure prompt and efficient service to Lee County. The County reserves the right before recommending any award to inspect the facilities and organization; or to take any other action necessary to determine ability to perform is satisfactory, and reserves the right to reject quotes where evidence submitted or investigation and evaluation indicates an inability of the quoter to perform.

13. **MATERIAL SAFETY DATA SHEETS**

In accordance with Chapter 443 of the Florida Statutes, it is the vendor's responsibility to provide Lee County with Materials Safety Data Sheets on quoted materials, as may apply to this procurement.

14. **MISCELLANEOUS**

If a conflict exists between the General Conditions and the detailed specifications, then the detailed specifications shall prevail.

15. **WAIVER OF CLAIMS**

Once this contract expires, or final payment has been requested and made, the awarded contractor shall have no more than 30 days to present or file any claims against the County concerning this contract. After that period, the County will consider the Contractor to have waived any right to claims against the County concerning this agreement.

16. **AUTHORITY TO PIGGYBACK**

It is hereby made a precondition of any quote and a part of these specifications that the submission of any quote in response to this request constitutes a quote made under the same conditions, for the same price, and for the same effective period as this quote, to any other governmental entity.

17. **COUNTY RESERVES THE RIGHT**

a) **State Contract**

If applicable, the County reserves the right to purchase any of the items in this quote from State Contract Vendors if the prices are deemed lower on State Contract than the prices we receive in this quotation.

b) **Any Single Large Project**

The County, in its sole discretion, reserves the right to separately quote any project that is outside the scope of this quote, whether through size, complexity, or dollar value.

c) **Disadvantaged Business Enterprises**

The County, in its sole discretion, reserves the right to purchase any of the items in this quote from Disadvantage Business Enterprise vendor if the prices are determined to be in the best interest of the County, to assist the County in the fulfillment of any of the County's grant commitments to federal or state agencies.

The County further reserves the right to purchase any of the items in this quote from DBE's to fulfill the County's state policy toward DBE's as outlined in County Ordinance 88-45 and 90-04, as amended.

d) **Anti-Discrimination**

The vendor for itself, its successors in interest, and assignees, as part of the considcration there of covenant and agree that:

In the furnishing of services to the County hereunder, no person on the grounds of race, religion, color, age, sex, national origin, handicap or marital status shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination.

The vendor will not discriminate against any employee or applicant for employment because of race, religion, color, age, sex, national origin, handicap or marital status. The vendor will make affirmative efforts to insure that applicants are employed and that employees are treated during employment without regard to their race, religion, color, age, sex, national origin, handicap or marital status. Such action shall include, but not be limited to, acts of employment, upgrading, demotion or transfer; recruitment advertising; layoff or termination, rates of pay or other forms of compensation and selection for training, including apprenticeship.

Vendor agrees to post in a conspicuous place, available to employees and applicants for employment, notices setting forth the provisions of this anti-discrimination clause.

Vendor will provide all information and reports required by relevant regulations and/or applicable directives. In addition, the vendor shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the County to be pertinent to

ascertain compliance. The vendor shall maintain and make available relevant data showing the extent to which members of minority groups are beneficiaries under these contracts.

Where any information required of the vendor is in the exclusive possession of another who fails or refuses to furnish this information, the vendor shall so certify to the County its effort made toward obtaining said information. The vendor shall remain obligated under this paragraph until the expiration of three (3) years after the termination of this contract.

In the event of breach of any of the above anti-discrimination covenants, the County shall have the right to impose sanctions as it may determine to be appropriate, including withholding payment to the vendor or canceling, terminating, or suspending this contract, in whole or in part.

Additionally, the vendor may be declared ineligible for further County contracts by rule, regulation or order of the Board of County Commissioners of Lee County, or as otherwise provided by law.

The vendor will send to each union, or representative of workers with which the vendor has a collective bargaining agreement or other contract of understanding, a notice informing the labor union of worker's representative of the vendor's commitments under this assurance, and shall post copies of the notice in conspicuous places available to the employees and the applicants for employment.

The vendor will include the provisions of this section in every subcontract under this contract to insure its provisions will be binding upon each subcontractor. The vendor will take such actions with respect to any subcontractor, as the contracting agency may direct, as a means of enforcing such provisions, including sanctions for non-compliance.

18. **AUDITABLE RECORDS**

The awarded vendor shall maintain auditable records concerning the procurement adequate to account for all receipts and expenditures, and to document compliance with the specifications. These records shall be kept in accordance with generally accepted accounting methods, and Lee County reserves the right to determine the record-keeping method required in the event of non-conformity. These records shall be maintained for two years after completion of the project and shall be readily available to County personnel with reasonable notice, and to other persons in accordance with the Florida Public Disclosure Statutes.

19. **DRUG FREE WORKPLACE**

Whenever two or more quotes/proposals, which are equal with respect to price, quality and service, are received for the procurement of commodities or contractual services, a quote/proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. In order to have a drug-free workplace program, a business shall comply with the requirements of Florida Statutes 287.087.

20. **REQUIRED SUBMITTALS**

Any submittals requested should be returned with the quote response. This information may be accepted after opening, but no later than 10 calendar days after request.

21. **TERMINATION**

Any agreement as a result of this quote may be terminated by either party giving thirty (30) calendar days advance written notice. The County reserves the right to accept or not accept a termination notice submitted by the vendor, and no such termination notice submitted by the vendor shall become effective unless and until the vendor is notified in writing by the County of its acceptance.

The Purchasing Director may immediately terminate any agreement as a result of this quote for emergency purposes, as defined by the Lee County Purchasing and Payment Procedure Manual.

Any vendor who has voluntarily withdrawn from a formal quote/proposal without the County's mutual consent during the contract period shall be barred from further County procurement for a period of 180 days. The vendor may apply to the Board of Lee County Commissioners for waiver of this debarment. Such application for waiver of debarment must be coordinated with and processed by Purchasing.

22. **CONFIDENTIALITY**

Vendors should be aware that all submittals (including financial statements) provided with a quote/proposal are subject to public disclosure and will **not** be afforded confidentiality.

23. **ANTI-LOBBYING CLAUSE**

All firms are hereby placed on formal notice that neither the County Commissioners nor candidates for County Commission, nor any employees from the Lee County Government, Lee County staff members, nor any members of the Qualification/Evaluation Review Committee are to be lobbied, either individually

or collectively, concerning this project. Firms and their agents who intend to submit qualifications, or have submitted qualifications, for this project are hereby placed on *formal notice* that they are *not* to contact County personnel for such purposes as holding meetings of introduction, meals, or meetings relating to the selection process outside of those specifically scheduled by the County for negotiations. Any such lobbying activities may cause immediate disqualification for this project.

24. **INSURANCE (AS APPLICABLE)**

Insurance shall be provided, per the attached insurance guide. Upon request, an insurance certificate complying with the attached guide may be required prior to award.

**LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF TWO (2)
TRAILER-MOUNTED GENERATORS**

DATE SUBMITTED: _____

VENDOR NAME: _____

TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges receipt of Addenda numbers:

GRAND TOTAL COST FOR TWO (2) TRAILER-MOUNTED GENERATORS:

\$ _____

WILL YOU DELIVER WITH YOUR OWN VEHICLES AS OPPOSED TO COMMON CARRIER?

YES _____ NO _____

TO BE DELIVERED WITHIN _____ CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

Is your firm interested in being considered for the Local Vendor Preference?

Yes _____ No _____

If yes, then read the paragraph entitled "Local Vendor Preference" included in these specifications. Also complete the Local Vendor Preference Questionnaire and return with your quotation.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications:

Yes _____ No _____

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME

BY (Printed):

BY (Signature):

TITLE:

FEDERAL ID # OR

S.S.# _____

ADDRESS:

PHONE NO.:

FAX NO.: _____

CELLULAR PHONE/PAGER NO.: _____

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: _____

REVISED: 7/28/00

**LEE COUNTY, FLORIDA
DETAILED SPECIFICATIONS FOR
THE PURCHASE OF TWO (2)
TRAILER-MOUNTED GENERATORS**

SCOPE

The intent of this specification is to provide for the purchase of two (2) trailer-mounted generators for the Lee County Division of Public Safety.

GENERAL INFORMATION

The equipment provided under these specifications shall be new and unused.

NOTE: As stated, these generators will be mounted on trailers. The awarded quoter will be responsible for all costs for tags and title work; as well as any other applicable fees, taxes, etc.

DELIVERY REQUIREMENTS

All units are to be delivered, F.O.B., Lee County, Florida, as directed. All prices quoted shall include delivery as directed.

The units shall be delivered F.O.B. to:

Lee County Fleet Management
2955 Van Buren Street
Fort Myers, FL 33916

BASIS OF AWARD

The basis of award for this quote will be the overall low quoter meeting specifications for the two (2) generators as specified.

REGULAR DEALER

Quotes will only be considered from firms which qualify as a "regular dealer".

A "regular dealer" means a firm that owns, operates, or maintains store, warehouse, or other establishment in which the materials or supplies required for the performance of the contract are bought, kept in stock, and regularly sold to the public in the usual course of business. To be a regular dealer, the firm must engage in, as its principal business and in its own name, the purchase and sale of the product in question.

INSURANCE

Insurance shall be provided, per the attached insurance guide, prior to issuance of notice to proceed.

REQUIRED SUBMITTALS

The submittals requested should be returned with the quote response. This information may be accepted after opening, but no later than 10 calendar days after request.

DESIGNATED CONTACT

The designated contact for technical questions will be John D. Wilson, Public Safety Director, (239) 335-1600.

VENDOR CONTACT

The awarded vendor shall appoint a person to act as a primary contact for Lee County. This person or backup shall be readily available during normal working hours by phone or in person, and shall be knowledgeable of the terms and procedures involved.

LOCAL BIDDER'S PREFERENCE

Note: In order for your firm to be considered for the local vendor preference, you must complete and return the attached "Local Vendor Preference Questionnaire" with your quotation.

The Lee County Local Bidder's Preference Ordinance No. 00-10 is being included as part of the award process for this project. As such, Lee County at its sole discretion, may choose to award a preference to any qualified "Local Contractor/Vendor" in an amount not to exceed 3 % of the total amount quoted by that firm.

"Local Contractor / Vendor" shall mean: a) any person, firm, partnership, company or corporation whose principal place of business in the sole opinion of the County, is located within the boundaries of Lee County, Florida; or b) any person, firm, partnership, company or corporation that has provided goods or services to Lee County on a regular basis for the preceding consecutive five (5) years, and that has the personnel, equipment and materials located within the boundaries of Lee County sufficient to constitute a present ability to perform the service or provide the goods.

The County reserves the exclusive right to compare, contrast and otherwise evaluate the qualifications, character, responsibility and fitness of all persons, firms, partnerships, companies or corporations submitting formal bids or formal quotes in any procurement for goods or services when making an award in the best interests of the County.

**Two (2) Portable Emergency Generators For Use
At Paul Lawrence Dunbar and Caloosa Middle Schools**

1.0 SCOPE

The following narrative establishes specifications for the purchase of two (2) portable generators. The generators' primary purpose is to provide backup power to emergency shelters located at the Paul Lawrence Dunbar Middle School in Fort Myers, Florida, and Caloosa Middle School located in Cape Coral, Florida. The generators will be installed onto an enclosed highway trailer package. The generators are exempt from the requirements accorded to generators for Florida health care facilities under the jurisdiction of AHCA.

2.0 GENERATOR SPECIFICATIONS

Section A. Generator Set

1. Heavy Duty Diesel Engine-Generator set, 2 or 4 cycle, 1,800 RPM, torque mounted excitation, 3 phase RMS sensing automatic voltage regulator, set mounted control panel, & high ambient cooling system (40 degrees Centigrade).
2. Ratings:
 - a. Generator Set: 50 KW, kVA at 0.8 PF
 - b. System Voltage: 480/277volt, three phase, 4-wire at 60 Hz.
120/240 volt, three phase, 4 wire at 60 Hz.
3. Voltage Regulation: +/- 0.5% of rated for any constant load between no load and rated load.
4. Frequency Regulation: isochronous from steady state no load to steady state rated load.
5. AC Generator:
 - a. Synchronous, four pole, revolving field, drip proof construction, single prefabricated sealed bearing, air cooled by direct centrifugal blower fan, and directly connected to engine with flexible drive disc(s).
 - b. Temperature Rise of AC Generator: 130 - 150 degrees centigrade measured by resistance method at full load.
 - c. Class Insulation System: H.
 - d. Range: Broad range, capable of delivering rated output (kVA) at rated frequency and power, factor, at any voltage within the range.
 - e. Battery charger and batteries: see Section E.

6. Engine-Generator Set Control:

- a. Panel mounted automatic remote start capability, cycle cranking between 15 – 20 seconds, for 3 to 4 attempts.
- b. Safety shutdown system for high temperature, low lubricating oil pressure, overspeed, overcrank and remote manual stop location, located outside the enclosure, with lamp indicators on control panel to indicate shutdown.
- c. Panel: NEMA enclosed mounted with vibration isolators and containing digital or analog devices showing engine oil pressure, coolant temperature, DC voltmeter, & running time meter (hours).
- d. Digital or analog devices showing AC ,meter package: voltage adjusting rheostat, AC voltmeter, AC ammeter, frequency RPM meter, KW meter, and phase selector switch displaying current and voltage by phase.

7. Engine:

- a. Type: Heavy-duty diesel type, 2 or 4 cycle, 1,800 RPM, radiator and fan cooled.
 - b. Size: Sufficient horsepower to carry the load and any accessory loads.
 - c. Governor: isochronous.
 - d. Radiator: closed looped rated for full load operation in 40 degrees Centigrade ambient measured at the generator air inlet, cooling system supplied by equipment supplier.
 - e. Coolant heater: engine mounted, thermostatically controlled, water jacket sized to engine size and voltage, and supplied with a fifty foot S.O. cord and plug.
 - f. Air cleaner.
 - g. Oil and coolant installed.
8. Exhaust System: Critical grade with rain cap, size and type as recommended by generator set manufacturer, and installed according to generator set manufacturer recommendations and applicable codes and standards.

Section B. Generator Set Enclosure

NOTES: Any connector point of dissimilar metals must be separated by a physical insulator. Painted surfaces will not be an acceptable insulator. Also, please indicate the type of metal used for enclosure (see item 2 below).

1. The generators shall be mounted in a completely enclosed weatherproof enclosure. The enclosure shall also contain sufficient storage space for power cables, spare parts, oil, etc. The height of the trailer, enclosure and muffler (if attached to roof enclosure) will not exceed 13 feet, 6 inches.

2. The enclosure shall be of metal construction, bolted modified design, emphasis on component accessibility, and certified by the manufacturer to withstand wind loads of 120 MPH with a gust response factor of 1.3 as cited in ASCE 7-98, and associated debris impact forces. The vendor shall furnish a written certification from the enclosure manufacturer to this effect, to include design calculations used to meet the standard. Roof construction shall be a one piece peaked design with no bolt holes on a horizontal surface, with drip edges on the appropriate sides.
3. The enclosure shall attenuate the total environment noise – while running at full load with all enclosure doors, panels and access points in normal operating position – a minimum of 78 dB at 7 meters (21 feet).
4. Radiator discharge air shall be directed vertically. Air intake shall be covered with birdscreen while the air exhaust shall be through a gravity louver. The enclosure design shall ensure that water will not penetrate to the interior of the enclosure at the air intake and exhaust positions.
5. Exhaust pipe shall be through the roof with a flap cover preventing moisture from entering the exhaust chamber.
6. The enclosure must provide sufficient external to internal airflow via louvers and ducts for 110 degrees ambient intake and exhaust operation. This operation is for all weather situations and storage. Airflow from the internal to external must be in the upward direction.
7. All enclosure doors shall be lockable with latches keyed alike, and use all stainless steel hardware with stainless steel pins for the hinges. The hinges shall be attached to doors and frames using stainless steel nuts, bolts, screws or rivets. Securing by welding or non-stainless steel pop rivets is unacceptable.
8. The critical grade silencer shall be mounted either inside the enclosure or on the radiator air discharge duct. Access to the silencer for repair is via an appropriately sized bolt-removable access plate. All hinges shall be stainless steel including pin. The hinges shall be attached to doors and frames using stainless steel nuts, bolts, screws or rivets. Securing by welding or non-stainless steel pop rivets is unacceptable.
9. There shall be a separate door and/or a Plexiglas viewing window or equivalent for the engine control panel. All unit instrumentation and controls will be viewable from standing outside the entrance door or viewing window. Door size shall have 2 point pad lockable handles, gaskets and drip ledge over door. All hinges shall be stainless steel including pin. The hinges shall be attached to doors and frames using stainless steel nuts, bolts, screws or rivets. Securing by welding or non-stainless steel pop rivets is unacceptable.

10. The rear or side wall of the enclosure shall contain a hinged lockable cover for access to the load connections, circuit breaker and multi-voltage selector switch. Provisions shall be made so this door can be closed with load cables connected. Door size shall be determined based on the electrical requirements and access points. The door shall also have a latch to hold it up in-place while working on the connections. All hinges shall be stainless steel including pin. The hinges shall be attached to doors and frames using stainless steel nuts, bolts, screws or rivets. Securing by welding or non-stainless steel pop rivets is unacceptable.
11. The enclosure shall have an internal battery rack with cables. Access to the battery rack shall be via a hinged battery access door with a 2 pad lockable handled and gasketed. All hinges shall be stainless steel including pin. The hinges shall be attached to doors and frames using stainless steel nuts, bolts, screws or rivets. Securing by welding or non-stainless steel pop rivets is unacceptable.
12. Appropriate guards, hand holds and warning labels shall be installed to comply with OSHA requirements.
13. I.C.C. enclosure light package shall include:
 - a. 3 red clearance lights on the highest point of the enclosure rear.
 - b. 3 amber clearance lights on the highest point of the enclosure front.
 - c. Side marker lights.
14. The enclosure shall have white reflective tape on enclosure rear.
15. All enclosure seams shall be caulked and sealed.
16. Enclosure shall have points on the housing for oil drain, water drain and fumes disposal tube.
17. Upon final assembly of the enclosure. It shall be primed with a minimum of three coats of zinc rich primer. The final finish paint shall be minimum of two coats. Preferred color: White, Dupont Imron #H7848U or equal.

Section C. Fuel System

1. The generator sets shall have an integrally mounted double wall I-beam constructed fuel tank with a fuel capacity that would allow the generator to operate at load for a full 36 hours without refueling. The tank shall be part of the trailer. The tank will also have a working rupture alarm to detect failure of the fuel tank assembly, and the alarm detection device shall be part of the engine control panel.

2. The tank must be equipped with external locking fuel fill. The fuel fill opening should be 2 Inches in diameter. An external sight/mechanical gauge will be mounted inside the enclosure at the appropriate entrance door. An external drain and vent shall also be included.
3. The fuel tank shall also include supply and return fitting.
4. The fuel tank shall have a fuel/water separator.
5. The fuel tank shall be built to UL 142 standards, and the vendor shall furnish a written statement to this effect.

Section D. Lighting System

A battery operated light (12/24 volt) deriving its power from the engine cranking batteries shall be installed in a strategic location within the enclosure and shall be turned off/on with either the opening/closing of the access panel or a rheostat switch. The light shall be large enough to provide illumination in an emergency situation yet not such that an overburdening drain will be placed on the starting batteries.

Section E. Battery System

A heavy-duty batter set appropriate to start engine requirements shall be installed (minimum 900 cold cranking amps per hour). A battery charger shall be mounted inside the enclosure and wired to the battery. The charger shall be a 120-volt/5 amp with connection via external connector. Connector shall be flush mounted on the trailer, NEMA weather enclosed, and wired with a fifty-foot (50') S.O. cord and plug.

Section F. Special Electrical Requirements

1. The generators shall be capable of connecting to portable generator connection boxes located at each school facility (see attachment A for pictures of connection boxes). Cable connections to the connection boxes conform to specifications shown in Attachment B.
2. The generator sets shall provide an electrical output of 480/277 volts, three-phase and 120/240 volts three phase. The output shall be clearly labeled as to rotation, phase and voltage. Cabling from the generator output must go through a multi-voltage selector switch which will provide:
 - a. 480/277 three phase output to a 80 amp, three pole breaker
 - b. 120/240 three phase output to a 175 amp, three pole breaker
3. Provide two (2) 50 ft. of Type G outdoor portable power cable, minimum 4.0 size conductors or equivalent, with appropriate connector to connect generator set to connection box.

4. Commercial power supply with circuit breakers, set mounted and wired, UL listed, molded case thermal magnetic type rated for the following: 175 amp, 80 amp, 50, amp and 20 amp. The breakers shall be configured such that any alarms or generator set faults (with the exception of leak detection) will result in the electrical shunt tripping of output breakers. The output breakers must be rated at 175 VAC
5. One (1) 120 volt, 20-amp duplex receptacle, minimum, with breaker (see above), located outside the enclosure with weather proofed cap.
6. One (1) 240 volt, 50-amp duplex receptacle, minimum, with breaker (see above), located outside the enclosure with weather proofed cap.
7. Weatherproof control systems with full gauges for voltage/amperage/hertz, with KW meter.
8. The awarded quoter will be responsible for providing a turnkey connection to the connection box. Further, the awarded quoter will be responsible for administering an on-site complete performance test of the entire system. Any connection changes or adjustments necessary for the proper operation of this system and all equipment will be made before Lee County will accept, and pay for, these units. All workmanship shall be of the highest quality. Substandard work shall be rejected. All work, as applicable, shall comply with industry standards, local codes and follow NEC guidelines. Vendor will be responsible to deliver each unit to Lee County Fleet Management at the address listed under "Delivery Requirements" of this specification. Lee County will be responsible for transporting the unit to each school site.

Section G. Trailer Requirements

1. Each generator set shall be mounted on a steel trailer. The unit shall be mounted on vibration pads, which are acceptable to the engine manufacturer.
2. The trailer shall be a double axle unit minimum, with a GVWR appropriate to the total loaded weight of the trailer, generator set, fuel, supplies and a 10% excess. All axles shall have hydraulic brakes, independent suspension and a means of lubricating the wheel bearings without removal from the axle. The axles shall be Torflex or equivalent.
3. The trailer shall also be capable of being tied down to a portable generator pad constructed at each school site. The trailer shall have the appropriate number of tie down points adequate to handle ¾ inch cable. There will be enough tie points per vehicle side and trailer end sufficient to keep the unit from tipping over in high wind conditions.

4. The trailer couple shall consist of a 3 inch I.D. lunette eye with a DICO-20 or equivalent hydraulic or mechanical actuator with adjustable height. The median height of the couple should be 31 inches with a height range of ± 3 inches of tongue. The trailer must include safety chains and hooks.
5. The trailer shall have all appropriate safety equipment, wheels, tires, fenders, hand holds and access steps.
6. The trailer shall be equipped with support legs or stabilizer jacks.
7. The lighting package shall meet all I.C.C. regulations and one SAE J 560 b 7 wire plug for trailer lights (wired per Lee County diagram – see Drawing 1).
8. The trailer shall be of I-beam construction with 14 gauge steel bolt-removable fenders with non-skid tape a 7 gauge steel tongue.
9. The trailer shall be primed and finished with a minimum of two coats of industrial grade paint. Preferred color: White, Dupont Imron #H7848U or equal.

Section H. Documentation

1. The awarded vendor shall furnish three complete sets of shop manuals for each generator supplied.
2. The awarded vendor shall furnish three complete sets of maintenance manuals for each generator supplied.
3. The awarded vendor shall furnish three complete sets of the operating manuals for each generator supplied.
4. The awarded vendor shall furnish three complete sets of parts manuals for each generator set supplied.

Section I. Conditions

1. The generator sets, enclosures, trailers and other specified equipment shall be standard equipment as specified by the manufacturer for the specified model, and shall comply with all Motor Vehicle Safety Standards as established by the U.S. Department of Transportation regarding the maintenance of motor vehicles and OSHA standards CFR 29 1910/1926 (as applicable and to latest standards).
2. The successful quoter shall be responsible for delivering units that are new and unused, properly serviced, clean and in first class operating condition. Pre-delivery service, at a minimum, shall include the following:
 - a. Complete lubrication

- b. Check all fluid levels to assure proper fill (Lee County will be responsible for filling the unit with diesel fuel).
 - c. Adjustment of engine to proper operating condition.
 - d. Inflate tires to proper pressure.
 - e. Check to assure proper operation of all accessories, gauges, lights, mechanical and hydraulic features.
 - f. Alignment and all wheels balanced.
 - g. Cleaning of each unit, if necessary, and removal of all unnecessary tags, stickers, papers, etc.
 - h. Overall check for safe operating condition.
3. Furnish a completed copy of the manufacturer's standard retail sale pre-delivery service form noted and signed.
 4. Delivery does not constitute acceptance. Final acceptance and authorization of payment will be given only after a thorough inspection indicates that the unit meets specifications and conditions contained herein.
 5. Units shall be delivered with each of the following documents satisfactorily completed.
 - a. Statement of Origin
 - b. Owner/operator Manual, three each
 - c. Warranty Certifications
 - d. Copy of Pre-delivery Service Report
 - e. DHSMV-V-40, Application for Title
 - f. Sales Tax Exemption Form DR-41.A
 - g. Temporary Tag
 6. All documents must be properly filled out, signed and notarized, as necessary.
 7. Date of purchase is the date of final delivery and shall be correct on all forms.
 8. It shall be understood by the quoter that the quote covers two complete fully operative units as specified, including the mounting and all attachments/connections to the chassis.

THE VENDOR IS RESPONSIBLE FOR PROCESSING (INCLUDING THE PAYMENT OF ALL RELATED FEES) THE "APPLICATION FOR TITLE" PAPERWORK FOR EACH UNIT DELIVERED. UNITS DELIVERED WITHOUT THIS PAPERWORK READY FOR THE NECESSARY SIGNATURES TO COMPLETE THE TITLING AND REGISTRATION PROCESS WILL NOT BE APPROVED FOR PAYMENT.

WARRANTY

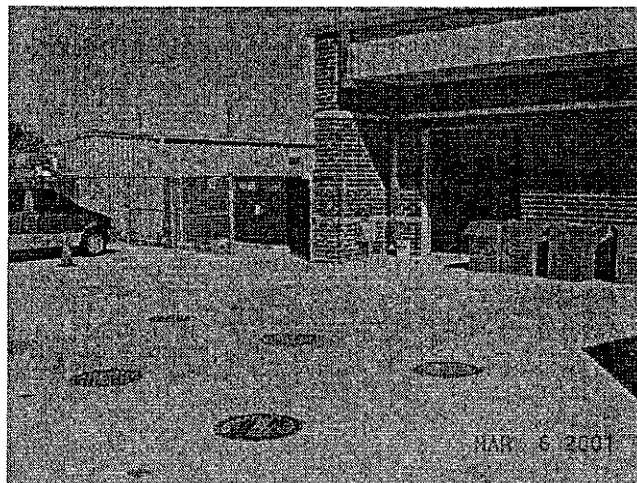
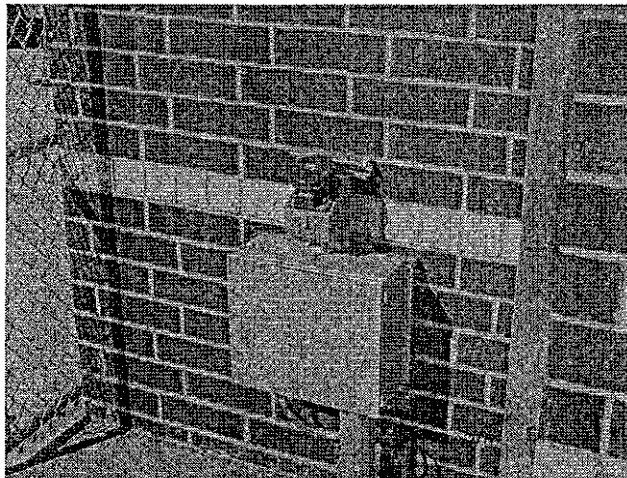
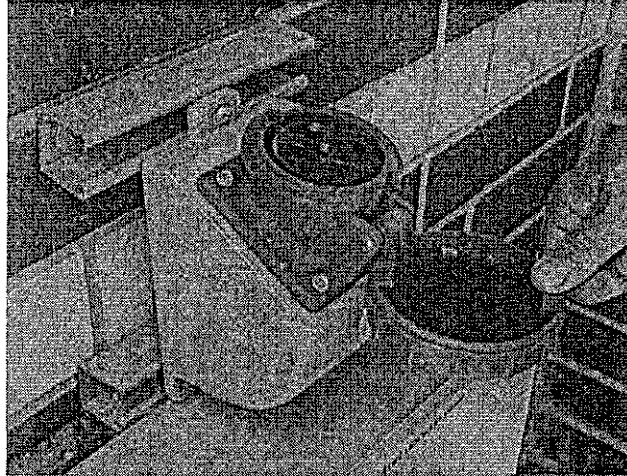
A minimum of one (1) year (from the date of final acceptance of the work) parts and labor warranty covering the work performed is required.

SAFETY

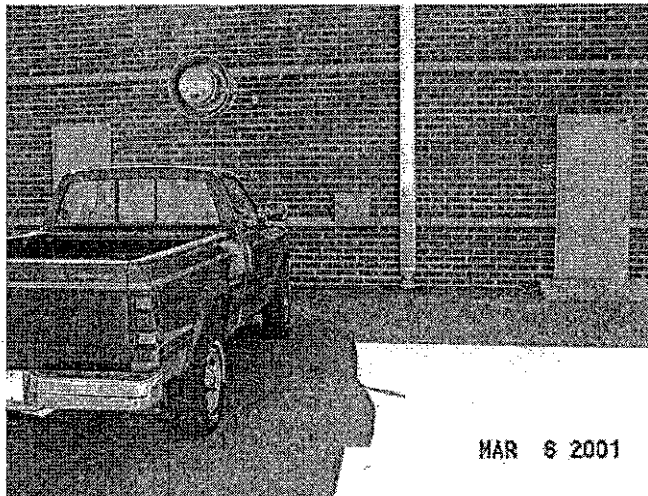
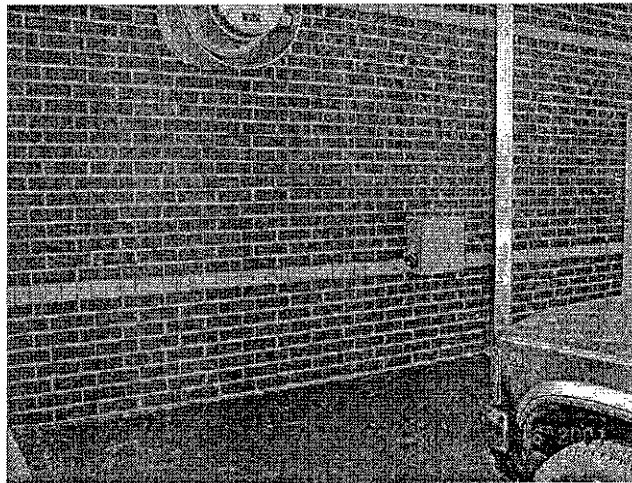
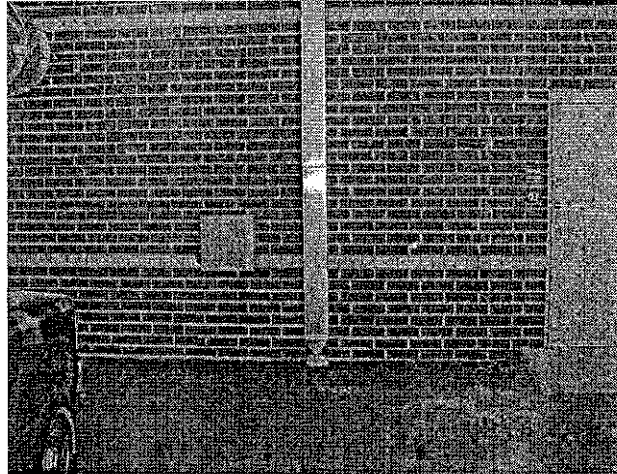
The awarded vendor shall make Lee County aware of any special warnings or instructions concerning installation, start-up, operation, and maintenance of the equipment.

The equipment shall be furnished with all standard guards, hand holds, and warning labels as per OSHA requirements.

Attachment A
Caloosa Middle School Emergency Generator Connection



Paul Lawrence Dunbar Middle School Emergency Generator Connection

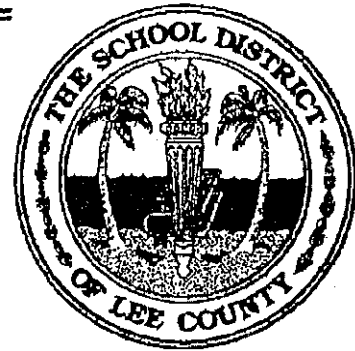


ATTACHMENT B – GENERATOR CONNECTIONS

FACILITIES MANAGEMENT AND CAPITAL PROJECTS

facsimile transmittal

from: Sally Hunter, AIBD, CPBD



Date: 7-28-00

Pages: 3

To: John Wilson

Fax: 335-1638

Emergency Generator Connections at Caloosa Middle School and Paul Laurence
Dunbar Middle School

Pass & Seymour Legrand
Watertight Receptacle
60 A 3 Phase 480 VAC

PS460R7-W

RECEIVED
JUL 28 2000

EMERGENCY MANAGEMENT
LEE COUNTY, FLORIDA

ASSEMBLY AND INSTALLATION INSTRUCTIONS

NOTICE: READ BEFORE INSTALLING THIS DEVICE

This pin-and-sleeve device conforms to International Electrotechnical Commission Standards IEC 305-1 and 309-2. The arrangement of pins, sleeves and keys in this device is such that the device cannot be mated with an IEC device of a different voltage, current or system rating.

Pin-and-sleeve devices not made to IEC standards are made to standards established by individual companies. It is therefore possible that a non-IEC device can be improperly mated with an IEC device of a different voltage, current or system rating.

To ensure safety in the use of pin-and-sleeve devices, DO NOT USE non-IEC devices in the same premises as IEC devices, unless it has been determined beforehand that no mating is possible which can create an electrical situation which is hazardous to life or property.

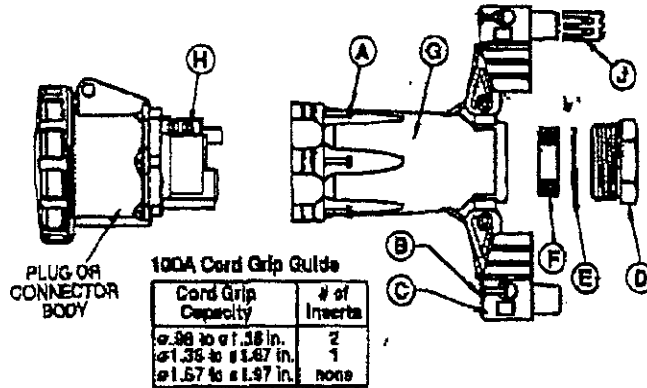
OPERATIONAL SAFETY NOTICE

This device has been tested for making and breaking a circuit at its rated voltage and current. However, it is still good electrical practice to de-energize the circuit before "unplugging."

It is important that these devices be periodically examined for any foreign substance that might contaminate the pins/sleeves or the insulating material separating the terminals. Contamination decreases the insulation properties of the device which increases the possibility of arcing (another reason to de-energize the circuit before disconnecting) and might decrease the life of the product.

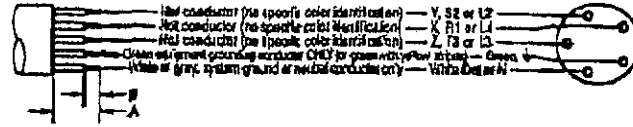
The frequency of inspection depends upon the degree of contamination.

PLUGS & CONNECTORS



ASSEMBLY INSTRUCTIONS:

1. Choose the correct end of the cable for plug or connector so that connector color coding corresponds to terminal location.
2. Loosen the assembly screws (A) connecting the body and housing together.
3. For 20/30A, remove sealing grommet located in the housing of the device.
4. Unscrew the cable clamp screws (B) in order to open cord grip (C).
5. Unscrew and remove compression nut (D), friction washer (E), and sealing grommet (F).
6. Slide compression nut (D) and friction washer (E) onto cable.
7. For 20/30A, choose grommet which is closest to cable size and slide it onto cable.
8. For 60/100A, manually peel away grommet (F) to fit cable size and slide it onto cable.
9. Slide cable through cord grip entrance of back body (G). Do not tighten compression nut at this time.
10. Ensure cable is cleanly cut and strip according to Cable Stripping Guide. **DO NOT TIN THE CONDUCTORS.**
11. Loosen terminal screws (H) enough to allow for cable installation. Do not remove screws.
12. Insert cable into proper terminals. Tighten terminal screws (H) according to the Tightening Guide table.
13. Slide back body (S) up cable. Tighten assembly screws according to Tightening Guide table.
14. Push sealing grommet (F), friction washer (E) and compression nut (D) into position at cord grip entrance and tighten nut according to Tightening Guide table. Do not over-tighten as damage may result.
15. For 100A, install cord grip inserts (J) in accordance with 100A Cord Grip Guide.
16. Once cord rets (J) and tighten cable clamp screws (B) according to the Tightening Guide table.



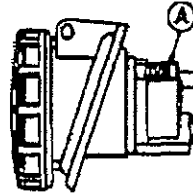
CABLE STRIPPING GUIDE

Device Size	Conductor	A		B	
		inches	(mm)	inches	(mm)
20 Amp	All	1-1/8	29	1/2	12
30 Amp	All	1-1/2	38	13/16	21
60 Amp	All	2-3/4	70	13/16	21
100 Amp	All	5-5/16	135	1-3/8	35

TIGHTENING GUIDE

Device Size	Terminal Screw		Cable Clamp Screw		Assembly Screw		Compression Nut	
	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)
20 Amp	7/16	11.1	5/16	7.9	7/16	11.1	18-38	2-4
30 Amp	7/16	11.1	5/16	7.9	7/16	11.1	18-38	2-4
60 Amp	7/16	11.1	5/16	7.9	7/16	11.1	18-38	2-4
100 Amp	7/16	11.1	5/16	7.9	7/16	11.1	18-38	2-4

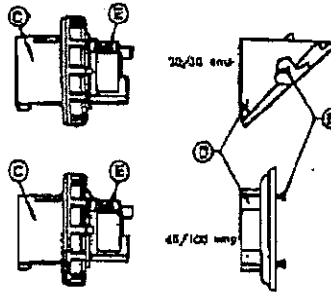
RECEPTACLES



ASSEMBLY INSTRUCTIONS:

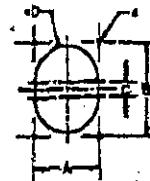
1. Ensure cable is cleanly cut and strip according to Cable Stripping Guide. **DO NOT TIN THE CONDUCTORS.**
2. Loosen terminal screws (A) enough to allow for cable installation. Do not remove screws.
3. Insert cable into proper terminals. Tighten terminal screws (A) according to the Tightening Guide table.
4. Mount receptacle to appropriate backbox or mount to panel using Drilling Plan to locate holes.

INLETS



ASSEMBLY INSTRUCTIONS:

1. Loosen the assembly screws (B) connecting the body (C) and housing (D) together.
2. Ensure cable is cleanly cut and strip according to Cable Stripping Guide. **DO NOT TIN THE CONDUCTORS.**
3. Loosen terminal screws (E) enough to allow for cable installation. Do not remove screws.
4. Insert cable through back of housing (D).
5. Insert cable into proper terminals. Tighten terminal screws (E) according to the Tightening Guide table.
6. Slide housing (D) up cable to body (C). Tighten assembly screws (B) according to the Tightening Guide table.
7. Mount inlet to appropriate backbox or mount to panel using Drilling Plan to locate holes.



DRILLING PLAN - Receptacles & Inlets

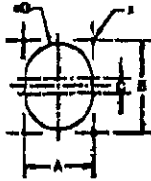
Device	A		B		C		Ø		Ø	
	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)	inches	(mm)
RECEPTACLE										
20 Amp (20A)	2.05	52	2.36	60	.48	11.9	1.59	50.3	1.75	4.5
30 Amp (30A)	2.36	60	2.75	70	.50	12.7	1.86	48	1.75	4.5
60 Amp (60A)	2.75	70	3.18	80	.50	12.7	2.27	73	2.18	5.5
100 Amp (100A)	3.43	87	3.55	90	-.	-.	3.62	92	2.50	6.5
100 Amp (100A)	4.88	124	4.88	124	-.	-.	4.98	124	2.80	7
INLET - FLAMEPROOF										
20 Amp (20A)	2.44	62	3.70	94	-.	-.	1.57	40	1.75	4.5
30 Amp (30A)	3.27	83	4.29	109	-.	-.	1.57	40	1.75	4.5
60 Amp (60A)	3.54	90	5.88	149	-.	-.	1.57	40	2.18	5.5
100 Amp (100A)	3.83	97	5.55	141	-.	-.	3.62	92	2.50	6.5
INLET - WATERPROOF										
60 Amp (60A)	2.80	71	3.55	90	-.	-.	3.62	92	2.50	6.5
100 Amp (100A)	4.88	124	4.88	124	-.	-.	4.90	124	2.80	7

TERMINALES Y RECEPTACULOS DE ENTRADA

INSTRUCCIONES PARA MONTAJE:

1. Afloja los tornillos (B) para ensamblar que conectan la base (C) y la caja (D).
2. Asegúrese de que el cable está cortado con un corte limpio y pasado de acuerdo con la Guía para Pelar Cables. **NO ESTÁNE LOS ALAMBRES.**
3. Afloja los tornillos (E) del terminal lo suficiente para permitir la instalación del cable. No remueva los tornillos.
4. Inserta el cable por la parte trasera de la caja (D).
5. Inserta los cables en los terminales correctos. Aprieta los tornillos (E) del terminal de acuerdo con la tabla en la Guía para Aprieta.
6. Pasa el cable por la caja (D) hasta la base (C). Aprieta los tornillos (B) para ensamblar de acuerdo con la tabla en la Guía para Aprieta.
7. Encaja el receptáculo en la caja correcta o consórtalo al panel usando el Plan de Taladrar para localizar los agujeros.

PLAN PARA TALADRAR - Receptáculos y Terminales de Entrada



Aparato	A		B		C		D		E	
	Pulgadas (mm)	milímetros (mm)	Pulgadas (mm)	milímetros (mm)	Pulgadas (mm)	milímetros (mm)	Pulgadas (mm)	milímetros (mm)	Pulgadas (mm)	milímetros (mm)
RECEPTACULO										
20 Amp (CW)	2.05	57	2.06	10	.86	11.4	1.99	50.5	.75	4.5
20 Amp (NSW)	2.26	60	2.73	70	.30	7.5	2.56	65	.75	4.5
30 Amp (Todo)	2.75	70	3.15	80	.30	7.5	2.87	73	.75	4.5
60 Amp (Todo)	3.03	77	3.35	85	-	-	3.81	97	.75	4.5
100 Amp (Todo)	4.68	124	4.88	124	-	-	4.50	114	2.80	7
TERMINAL DE ENTRADA - A PRUEBA DE SALPICADURAS										
20 Amp (CW)	2.24	62	3.70	94	-	-	1.57	40	.75	4.5
20 Amp (NSW)	3.27	83	4.79	109	-	-	1.87	40	.75	4.5
30 Amp (Todo)	3.54	90	5.65	140	-	-	1.57	40	.75	4.5
60 Amp (Todo)	3.03	77	3.35	85	-	-	1.62	32	.75	4.5
TERMINAL DE ENTRADA - A PRUEBA DE FILTRACION										
60 Amp (Todo)	3.04	77	3.35	85	-	-	3.62	92	2.50	6.5
100 Amp (Todo)	4.68	124	4.88	124	-	-	4.50	114	2.50	7

TAMAÑO Y TIPO DE ALAMBRE RECOMENDADO

Tamaño del aparato	Ancho	Núm. de conductores	Tipo de cable	Capacidad máxima del cable
20 Amp	22	3	3/8 S	71-79
20 Amp	22	4	3/8 S	81-89
30 Amp	22	5	3/8 S	91-99
30 Amp	30	3	5/8 S	11-17
30 Amp	30	4	5/8 S	17-27
30 Amp	10	5	5/8 S	27-37
60 Amp	4	3	6 ar W	83-104
60 Amp	4	4	6 ar W	113-134
60 Amp	4	5	6 ar W	140-150
100 Amp	2	3	W	166-198
100 Amp	2	4	W	198-198
100 Amp	2	5	W	198-198

Nota: El tamaño del alambre puede variar en la aplicación. Consulte el tamaño del alambre de acuerdo con las "Capacity Tables 400-841" de la National Electrical Code en las Tablas 31 y 31-1. Consultar Electrical Code para los requisitos en los conductores para 60 grados. C de la Table 400-841.

IP67 • WATERTIGHT • ÉTANCHE • A PRUEBA DE FILTRACION

Dispositivo / Aparato	A		B		C		D	
	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)
RECEPTACULO - PRISE - RECEPTACULO								
20 Amp 3-Wire	1.85	47.0	1.5	38	1.8	45	1.4	35
20 Amp 4-Wire	2.0	51	1.5	38	1.8	45	1.4	35
20 Amp 5-Wire	2.1	53.5	2	50	1.7	43	1.4	35
30 Amp 3-Wire	1.7	44.5	2.0	50	1.8	45.5	1.3	33
30 Amp 4-Wire	1.72	44.5	2.0	50	1.8	45.5	1.3	33
30 Amp 5-Wire	1.88	48	2.7	69	1.8	45.5	1.3	33
60 Amp 3-Wire	4.2	106	3.1	79	3.8	97	1	25
60 Amp 4-Wire	4.7	119	3.1	79	3.5	89	1	25
60 Amp 5-Wire	4.1	106	3.1	79	3.5	89	1	25
100 Amp (A1)	6.5	165	4.2	106	4.4	112	5.4	137
PLUG - FICHE - ENCHUFE								
20 Amp 3-Wire	5.3	135	2.8	71.5	-	-	26.5	675
20 Amp 4-Wire	5.5	139	3.2	81	-	-	26.5	675
20 Amp 5-Wire	6	154	3.4	86.5	-	-	26.7	678
30 Amp 3-Wire	6.5	164	3.7	94.5	-	-	28.7	733
30 Amp 4-Wire	6.5	164	3.7	94.5	-	-	28.7	733
60 Amp 3-Wires	4.7	120	4.8	122	-	-	47.67	1222
60 Amp 4-Wires	4.7	120	4.8	122	-	-	47.67	1222
60 Amp 5-Wires	10	255	4.5	113	-	-	53.104	1350
60 Amp 6-Wires	10	255	4.5	113	-	-	53.104	1350
100 Amp (A1)	13.4	340	5.2	132	-	-	65.157	1659
CONNECTOR - CONNEXEUR - CONECTOR								
20 Amp 3-Wire	6.9	175	2.65	67.5	1	25.4	31.5	800
20 Amp 4-Wire	8	203	3.2	81	1.4	35	31.5	800
20 Amp 5-Wire	7	178	3.4	86.5	1.5	38	31.5	800
30 Amp 3-Wire	7	178	3.7	94.5	1.9	48	31.5	800
30 Amp 4-Wire	7	178	3.7	94.5	1.9	48	31.5	800
30 Amp 5-Wire	7.1	180	3.9	101	1.7	43	31.5	800
60 Amp 3-Wire	10.2	260	4.5	113	4.7	119	53.104	1350
60 Amp 4-Wire	10.8	275	4.5	113	4.7	119	53.104	1350
60 Amp 5-Wire	10.8	275	4.5	113	4.7	119	53.104	1350
100 Amp (A1)	14.2	362	5.2	132	5.3	135	59.137	1500
INLET - SOCLE A COLLET - A PRUEBA DE FILTRACION								
60 Amp (A1)	4.5	114.3	4.25	108	-	-	-	-
100 Amp (A2)	5.75	146	4.71	119	-	-	-	-

Receptáculo - Watertight / Priše - Étanche / Receptáculo - A Prueba de Filtración

Plug - Watertight / Fiche - Étanche / Enchufe - A Prueba de Filtración

Connector - Watertight / Connexeur - Étanche / Conector - A Prueba de Filtración

Inlet - Watertight / Socle A Collet - Étanche / Terminal de Entrada - A Prueba de Filtración

IP44 • SPLASHPROOF • HYDROFUGE • A PRUEBA DE SALPICADURAS

Dispositivo / Aparato	A		B		C		D	
	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)	Inches (mm)	milímetros (mm)
RECEPTACULO - PRISE - RECEPTACULO								
20 Amp 3-Wire	2.5	64	1.67	40	1.6	41	1.1	28
20 Amp 4-Wire	2.9	74	1.57	40	1.75	44	1.06	27
20 Amp 5-Wire	2.9	74	1.78	44	1.73	44	1.06	27
30 Amp 3-Wire	3.3	84	2.1	53	1.97	50	1.06	27
30 Amp 4-Wire	3.3	84	2.1	53	1.97	50	1.06	27
30 Amp 5-Wire	3.3	84	2.3	58	2.05	52	1.06	27
60 Amp 3-Wire	4.2	106	3.1	79	1.76	45	1.06	27
60 Amp 4-Wire	4.2	106	3.1	79	1.76	45	1.06	27
60 Amp 5-Wire	4.2	106	3.3	84	1.76	45	1.06	27
PLUG - FICHE - ENCHUFE								
20 Amp 3-Wire	5.3	135	2.17	55	-	-	21.5	546
20 Amp 4-Wire	5.5	139	2.2	56	-	-	21.5	546
20 Amp 5-Wire	6	154	2.5	63	-	-	21.7	552
30 Amp 3-Wire	6.5	164	2.6	66	-	-	23.7	602
30 Amp 4-Wire	6.5	164	2.7	70	-	-	23.7	602
30 Amp 5-Wire	6.7	171	3.03	77	-	-	23.7	602
60 Amp 3-Wire	10	255	4.02	102	-	-	53.104	1350
60 Amp 4-Wire	10	255	4.02	102	-	-	53.104	1350
60 Amp 5-Wire	10	255	4.02	102	-	-	53.104	1350
CONNECTOR - CONNEXEUR - CONECTOR								
20 Amp 3-Wire	5.79	147	2.18	54.5	1.91	48	31.5	800
20 Amp 4-Wire	5.94	151	2.42	61.5	1.9	48	31.5	800
20 Amp 5-Wire	5.77	146	2.79	70.5	1.94	49	31.5	800
30 Amp 3-Wire	5.97	151	2.8	71	2.06	52	31.5	800
30 Amp 4-Wire	5.97	151	2.8	71	2.06	52	31.5	800
30 Amp 5-Wire	6.1	154	3.05	77.5	1.94	49	31.5	800
60 Amp 3-Wire	10.73	273	3.79	96	4.67	119	53.104	1350
60 Amp 4-Wire	10.73	273	3.79	96	4.67	119	53.104	1350
60 Amp 5-Wire	10.73	273	3.79	96	4.67	119	53.104	1350
INLET - SOCLE A COLLET - TERMINAL DE ENTRADA								
20 Amp 3-Wire	5.53	140	3.67	93	-	-	-	-
20 Amp 4-Wire	5.79	147	3.38	86	-	-	-	-
30 Amp 3-Wire	5.96	151	4.27	108	-	-	-	-
30 Amp 4-Wire	5.96	151	4.25	108	-	-	-	-
40 Amp (A1)	4.8	121.3	4.25	108	-	-	-	-

Receptáculo - Splashproof / Priše - Hydrofuge / Receptáculo - A Prueba de Salpicaduras

Plug - Splashproof / Fiche - Hydrofuge / Enchufe - A Prueba de Salpicaduras

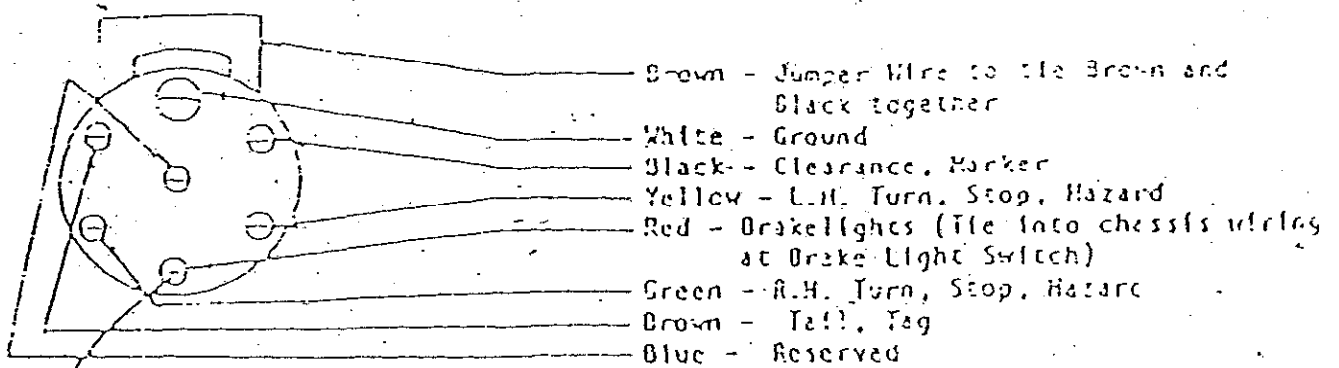
Connector - Splashproof / Connexeur - Hydrofuge / Conector - A Prueba de Salpicaduras

Inlet - Splashproof / Socle A Collet - Hydrofuge / Terminal de Entrada - A Prueba de Salpicaduras

DRAWING 1

02 APR -3 AM 11:00

SAE J 560B



Elect. Bank

TRUCKS WITH COMBINATION TURN & STOP LAMPS

ATTACHMENT
LOCAL VENDOR PREFERENCE QUESTIONNAIRE
(LEE COUNTY ORDINANCE NO. 00-10)

Instructions: Please complete either Part A or B whichever is applicable to your firm

PART A: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS LOCATED WITHIN LEE COUNTY (Only complete Part A if your principal place of business is located within the boundaries of Lee County)

1. What is the physical location of your principal place of business that is located within the boundaries of Lee County, Florida?

2. What is the size of this facility (i.e. sales area size, warehouse, storage yard, etc.)

PART B: VENDOR'S PRINCIPAL PLACE OF BUSINESS IS NOT LOCATED WITHIN LEE COUNTY OR DOES NOT HAVE A PHYSICAL LOCATION WITHIN LEE COUNTY (Please complete this section.)

1. How many employees are available to service this contract? _____

2. Describe the types and amount of equipment you have available to service this contract.

LOCAL VENDOR PREFERENCE QUESTIONNAIRE CONTINUED

3. Describe the types and amount of material stock that you have available to service this contract.

4. Have you provided goods or services to Lee County on a regular basis for the preceding, consecutive five years?

Yes _____ No _____

If yes, please provide your contractual history with Lee County for the past five, consecutive years. Attach additional pages if necessary.

GUIDE "B"

INSURANCE REQUIREMENTS FOR PRODUCTS

Your certificate of insurance must meet the following requirements

Requirement #1: The Lee County Board of County Commissioners shall be added as an additional insured on the comprehensive general liability policy.

Requirement #2: Certificate holder shall be listed as follows:

**Lee County Board of County Commissioners
C/O Lee County Purchasing
P.O. Box 398
Fort Myers, FL 33902**

Requirement #3: Each policy shall provide a 30 day notification clause in the event of cancellation, non-renewal or adverse change.

This Standard Insurance Language is to be utilized for Contracts, or Agreements meeting these circumstances. Certain conditions and/or exposures may not relieve or limit the liability of the vendor. These requirements may not be sufficient or adequate to protect the vendor's interests or liabilities, but are merely minimums.

Circumstances

Project is for vendors providing a tangible product, and not labor, such as, but not limited to , hardware, supplies, and other merchandise.

Worker's Compensation

Does not apply.

Commercial General Liability

Coverage shall apply to premises and/or operations, products and/or completed operations, independent contractors, contractual liability, and broad form property damage exposures with minimum limits of:

- \$100,000 bodily injury per person (BI)
- \$300,000 bodily injury per occurrence (BI)
- \$100,000 property damage (PD) or
- \$300,000 combined single limit (CSL) of BI and PD

Business Automobile Liability

If the vendor indicates on the price page that vehicles other than their own (common carrier) will be used for delivery, then the following Automobile Liability will not be required.

Coverage shall apply to owned vehicles and/or hired and non-owned vehicles and employee non-ownership use with minimum limits of:

\$100,000 bodily injury per person (BI)
\$300,000 bodily injury per occurrence (BI)
\$100,000 property damage (PD) or
\$300,000 combined single limit (CSL) of BI and PD

Certificate of Insurance

An original hand signed certificate shall be on file with and approved by the Lee County Risk Management Office prior to the commencement of any work activities.

In the event the insurance coverage expires prior to the completion of the project, a renewal certificate shall be on file with Risk Management at least 15 days prior to the expiration date.

Revised 10/18/00

LEE COUNTY PURCHASING SERVICES - BIDDERS CHECK LIST

IMPORTANT: Please read carefully and return with your bid proposal.
Please check off each of the following items as the necessary action is completed:

- 1. The Quote has been signed.
- 2. The Quote prices offered have been reviewed.
- 3. The price extensions and totals have been checked.
- 4. The original (must be manually signed) and 2 copies of the quote have been submitted.
- 5. Three (3) identical sets of descriptive literature, brochures and/or data (if required) have been submitted under separate cover.
- 6. All modifications have been acknowledged in the space provided.
- 7. All addendums issued, if any, have been acknowledged in the space provided.
- 8. Erasures or other changes made to the quote document have been initialed by the person signing the quote.
- 9. Bid Bond and/or certified Check, (if required) have been submitted with the quote in amounts indicated.
- 10. Any Delivery information required is included.
- 11. The mailing envelope has been addressed to:
Lee County Purchasing Services Lee County Purchasing
P.O. Box 398 or 3434 Hancock Bridge Pkwy 3rd FL
Ft. Myers, FL 33902-0398 N. Ft. Myers, FL 33903
- 12. The mailing envelope **MUST** be sealed and marked with:
Quote Number
Opening Date and/or Receiving Date
- 13. The quote will be mailed or delivered in time to be received no later than the specified opening date and time. (Otherwise quote cannot be considered or accepted.)
- 14. If submitting a "NO BID" please write quote number here _____
and check one of the following:
 Do not offer this product Insufficient time to respond.
 Unable to meet specifications (why)
 Unable to meet bond or insurance requirement.
Other: _____

Company Name and Address:

LEE COUNTY, FLORIDA
PROPOSAL QUOTE FORM
FOR THE PURCHASE OF TWO (2)
TRAILER-MOUNTED GENERATORS

DATE SUBMITTED: 5-10-02VENDOR NAME: STANDBY SYSTEMS Inc.TO: The Board of County Commissioners
Lee County
Fort Myers, Florida

Having carefully examined the "General Conditions", and the "Detailed Specifications", all of which are contained herein, the Undersigned proposes to furnish the following which meet these specifications:

The undersigned acknowledges
receipt of Addenda numbers:

1

GRAND TOTAL COST FOR TWO (2) TRAILER-MOUNTED GENERATORS:

\$ 52,082.00

WILL YOU DELIVER WITH YOUR OWN VEHICLES AS OPPOSED TO COMMON CARRIER?

YES _____ NO X _____TO BE DELIVERED WITHIN 90 CALENDAR DAYS AFTER RECEIPT OF AWARD AND PURCHASE ORDER.

STANDBY SYSTEMS INC.
 700 S. JOHN RODES BLVD , BUILDING D-1
 MELBOURNE, FL. 32904
 PH. (321) 952-1606 FAX (321) 952-6969

JOB NAME:
 LEE COUNTY
 BID # Q-020384

DATE: 5-9-02	QUOTE # D-2679	VALID FOR 30 DAYS	OPTION #
*1 MODEL NUMBER EDI-50JD, DIESEL GENERATOR			EDI50JD
SET RATED 50 KW, AT 1800 RPM, 60 HERTZ.			PE4045TF150
277 / 480V, 3 PH.			
120 / 240V, 3 PH.			361PSL1601
* DUAL VOLTAGE ROTARY SWITCH			ROTARY
* DOUBLE AXLE, 5000 LB. TRAILER W/ INTEGRAL FUEL TANK TO INCLUDE:			TRAILER
- HYDRAULIC BRAKES, TIE DOWN HOLES FOR 3/4 " CABLE, 3" LUNETTE			
EYE W/ A DICO-20 MECHANICAL ACTUATOR. MEDIAN HEIGHT TO BE 31" W/			
3" RANGE EACH WAY. ALSO SHALL HAVE SUPPORT LEGS W/ STABILIZER			
JACKS, PLUG TO BE SAE J 560 B 7 WIRE, PAINTED W/ DUPONT #H7848U			
ALSO TO INCLUDE A STORAGE CABINET FOR CABLES AND PARTS.			
* NFPA 110 LEVEL CONTROL PANEL WITH DIGITAL CONTROLS			DGC 1000
* EPO SWITCH MOUNTED TO OUTSIDE OF ENCLOSURE			
* ISOCHRONOUS GOVERNOR WITH SPEED ADJUST			TBD
* VIBRATION ISOLATORS (INTERNALLY MOUNTED)			STD
* RAYCOR FUEL FILTER / WATER SEPERATOR			RAYCOR
* ENGINE BLOCK HEATER (120V) TIED INTO BATT. CHARGER FOR INPUT			COO224
* DELCO MAINTENANCE FREE STARTING BATTERY W/ RACK AND CABLES			E00107
* 6 AMP. BATTERY CHARGER			E00959
- FACTORY MOUNTED AND WIRED			
- TO INCLUDE 1 50' S/O CORD AND PLUG.			S/O CORD
* I.C.C. ENCLOSURE LIGHT PACKAGE TO INCLUDE:			LIGHTS
-3 RED CLEARANCE LIGHTS ON HIGHEST REAR & 3 AMBER ON HIGHEST			
FRONT. ALSO TO INCLUDE SIDE MARKER LIGHTS.			
* REFLECTIVE TAPE ON REAR OF ENCLOSURE			TAPE
* CRITICAL SILENCER, FLEX, RAIN CAP			XOO683
* BIRD SCREEN AT AIR INTAKE			BIRD SCREEN
* FLEX FUEL LINES			Z01437
* SOUND ATTENUATED WEATHER PROOF ENCLOSURE.			ENCLOSURE
-ONLY NEEDS TO BE 78 DB @ 7 METERS. NEEDS TO WITHSTAND 120 MPH			
AT 1.3 GUST RESPONSE, ALL S.S. HARDWARE, LIGHT FOR INSIDE OF			
ENCLOSURE WITH RHEOSTAT SWITCH ON CONTROL PANEL.			
* DUCT ADAPTER FLANGE, SEALED FOR NO WATER PENETRATION			
* 2 U.L. LISTED MAIN LINE CIRCUIT BREAKERS:			
- RATED 60 AMPS., 3 POLE (480 V. 3 PH.)			BO1385
- RATED 150 AMPS., 3 POLE (240 V. 3 PH.)			BO1408
- W/ SHUNT TRIP (12 VDC)			
* 2 U.L. LISTED CIRCUIT BREAKERS: (TO BE USED IN 240V. POS. ONLY) &			
WIRED TO 2 DUPLEX RECEPTACLES TO BE MOUNTED ON ENCLOSURE &			RECEPTACLES
PROVIVED WITH WEATHERPROOF CAPS FOR EACH. RECEPTACLES TO			
BE RATED SAME AS BREAKER SIZES.			
- RATED 50 AMPS, 2 POLE (240V.)			
- RATED 20 AMPS, 2 POLE (240V.)			
* 2 50' TYPE G 2/0 CABLES. BOTH WIRED TO BREAKERS AND 480V. TO			CABLE & PLUG
HAVE PASS & SEYMOUR LEGRAND PLUG TO FIT PS460R7-W (60A, 3PH.);			
240V . TO HAVE A FEMALE CAMLOCK W/ CAP.(CABLE SHALL BE LOCATED			
INSIDE FRONT TRAILER CABINET.)			
* DOUBLE WALL SUB-BASE TANK MOUNTED IN TRAILER			
- 150 GALLON TANK TO LAST FOR 36 HRS.			
- LOW FUEL LEVEL FLOAT SWITCH			STD
- LEAK SENSOR (DOUBLE WALL)			STD
* O&M MANUALS (3 SETS)			
* FACTORY (2) TWO YEAR WARRANTY			STD
* FACTORY LOAD BANK TESTING (PRIOR TO SHIPMENT)			STD
* ONSITE STARTUP BY FACTORY TRAINED PERSONNEL			
* OIL & ANTIFREEZE (FACTORY FILLED)			STD
TOTAL QUOTE PER UNIT:			\$26,041.00
TOTAL QUOTE - 2 UNITS:			\$52,082.00

Is your firm interested in being considered for the Local Vendor Preference?

Yes _____ No ~~_____~~

If yes, then read the paragraph entitled "Local Vendor Preference" included in these specifications. Also complete the Local Vendor Preference Questionnaire and return with your quotation.

Quoters should carefully read all the terms and conditions of the specifications. Any representation of deviation or modification to the quote may be grounds to reject the quote.

Are there any modifications to the quote or specifications:

Yes _____ No ~~_____~~

Failure to clearly identify any modifications in the space below or on a separate page may be grounds for the quoter being declared nonresponsive or to have the award of the quote rescinded by the County.

MODIFICATIONS:

Quoter shall submit his/her quote on the County's Proposal Quote Form, including the firm name and authorized signature. Any blank spaces on the Proposal Quote Form, qualifying notes or exceptions, counter offers, lack of required submittals, or signatures, on County's Form may result in the Quoter/Quote being declared non-responsive by the County.

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. NOTE: NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE OR AGENT ARE PERMITTED EITHER WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME

STANDBY SYSTEMS

BY (Printed):

Lacey Davis

BY (Signature):



TITLE:

President

FEDERAL ID # OR

S.S.# 15-23-074499-58

ADDRESS:

700 S. John Redwood Blvd. Bldg-D-1
Melbourne, FL 32940

PHONE NO.:

(321) 952-1606

FAX NO.: (321) 952-6969

CELLULAR PHONE/PAGER NO.: (321) 698-4482

LEE COUNTY OCCUPATIONAL LICENSE NUMBER: _____

E-MAIL ADDRESS: L DAVIS 8852 @ AOC.com

REVISED: 7/28/00



LEE COUNTY
SOUTHWEST FLORIDA
BOARD OF COUNTY COMMISSIONERS

Bob Janes
District One

Douglas R. St. Cerny
District Two

Ray Judah
District Three

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District Four

John E. Alblon
District Five

Donald D. Stilwell
County Manager

James G. Yaeger
County Attorney

Diana M. Parker
County Hearing Examiner

May 3, 2002

Quotation No.: Q-020384

**LEE COUNTY ADDENDUM NUMBER ONE
TO THE SPECIFICATIONS FOR
TWO (2) TRAILER-MOUNTED GENERATORS**

QUOTERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE PROPOSAL QUOTE FORM (PAGE 13).

The original specifications and other contract documents are amended as noted below:

Page 18, Section A, Item 2.a.

Delete the reference to: kVA

Page 19, Section B, Item 1.

Clarification: The specification states, "The enclosure shall also contain sufficient storage space for power cables, spare parts, oil, etc."

The County is willing to accept alternative storage methodologies; for example: A NEMA 3R weather-proof storage cabinet outside of the enclosure sufficient in size to store the cables, etc. (location to be determined at the pre-construction conference) would be acceptable.

Please include with your quote, on your letterhead, the storage methodology you plan to employ if awarded the quote.

Pages 19, 20, and 21, Section B, Generator Set Enclosure

All references to the use of stainless steel rivets under this section shall be deleted.

Page 21, Section B, Item 11

This paragraph shall be revised to read: "The enclosure shall have an internal battery rack with cables." The remainder of the paragraph as originally written shall be deleted.

Post-It® Fax Note	7671	Date	5-3	# of pages	2
To	Larry Davis	From	Bob		
Co./Dept	Standby Systems	Co.	Lee Co Purchasing		
Phone #		Phone #			
Fax #		Fax #			

Page 22, Section F, Item 2a.

The following change within the paragraph: from 80 amp to 60 amp

Page 22, Section F, Item 3

The following change within the paragraph: from min. 4.0 size to min. 2.0 size

Page 22, Section F, Item 3

The following sentence shall be added to the end of this paragraph:

"The connector for the 120/240 three-phase power cable shall have a female camlock with cap.

Page 23, Section F, Item 4

The following change within the paragraph: from 80 amp to 60 amp

Page 23, Section F, Item 4

The following sentence shall be added to the end of this paragraph:

"The 50 and 20 amp breakers will work off of the 120/240 position."

Page 27, Attachment A

It has been brought to the County's attention that the generator connection to this building needs to be modified/repositioned. As this is a Lee County School District facility; a decision has not yet been made as to who will be responsible for doing this work; and for the associated costs of same.

The awarded vendor may be asked to perform this work. If the awarded vendor under this quotation is asked to perform this work; he/she will be reimbursed separately from the grand total cost quoted for the two (2) generators specified under this quote. **DO NOT INCLUDE THE COST TO MODIFY/REPOSITION THIS CONNECTION IN YOUR "GRAND TOTAL COST FOR TWO (2) TRAILER-MOUNTED GENERATORS".**

If there are any questions regarding this addendum, please contact Bob Franceschini at 239-689-7385.

DIVISION OF PURCHASING



Robert D. Franceschini, C.P.M., CPPB
Purchasing Agent

cc: John Wilson/Public Safety
Lisa Pierce/Minutes

Kathryn Ciccarelli - Re: quote for 2 trailer-mounted generators

From: <LDavis8852@aol.com>
To: <KCICCARELLI@leegov.com>
Date: 6/6/2002 6:08 PM
Subject: Re: quote for 2 trailer-mounted generators

Dear Ms. Kathy Ciccarelli:

I have just read over the specification line by line and compared it to what we bid, quote D-2679. We did not take exception to anything, your complete spec is being met.

I am sending some information with this e-mail. Also the manufacturer we represent is Energy Dynamics Inc. they have a web site you might like to visit, WWW.ENERGYDYNAMICS.COM. The complete information (a submittal) is not available to send you via next day air because the trailer, housing, cable box, plugs, cables, etc., will be custom made complete to your spec's.

Energy Dynamics and Standby Systems specialize in such custom spec's. If we are the low bidder meeting your specifications I will place this order pending engineers approval. It will then go in to engineering along with your spec's and a custom drawing and bill of material will be generated for your approval.

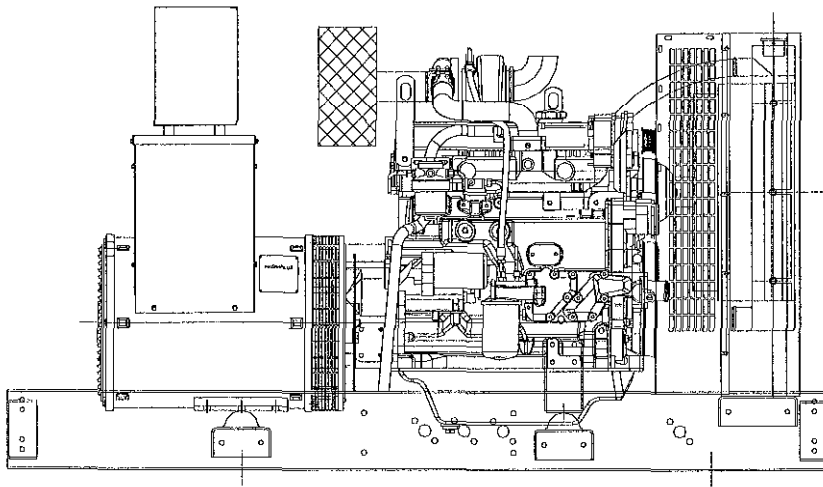
I will give you a call tomorrow I tried today but your office was already closed. In the mean time please take a look at the attachments. This includes the basic EDI 50 JC unit we quoted without all the options.

I am always available 24/7 either at my office (321) 952-1606 or my power call (321) 412-0193

Thank you,
Larry Davis
Standby Systems Inc.
President

EDI-50-JD

STANDBY OR PRIME POWER



- HEAVY-DUTY DIESEL ENGINE
- PMG EXCITATION SYSTEM TO PROVIDE 300% RATED CURRENT FOR A MINIMUM OF TEN SECONDS TO SELECTIVELY TRIP BREAKERS (STD ON 400 KW AND UP)
- UNIROTOR (tm) GENERATOR CONSTRUCTION WITH ALUMINUM DIE CAST ROTOR CORE PROVIDING HIGH MECHANICAL INTEGRITY AND LOW VIBRATION AT OPERATING SPEED (STD ON 400 KW AND UP)
- SOLID STATE CMOS CONTROLS FEATURE FULL ADJUSTIBILITY FOR MAXIMUM FLEXIBILITY
- PROTOTYPE TESTED PER NFPA 110
- HEAVY-DUTY CONSTRUCTION FOR USE IN PRIME OR STANDBY APPLICATION

SPECIFICATIONS



Gen Set Ratings

EDI GEN-SET MODEL	kW Rating Standby	kW Rating Prime	Voltage Hi -Wye	Voltage Low - Wye	Voltage Delta	Number of Leads	Phase	Hz	Power Factor
EDI-50-JDA	50	45	480/277	240/139	N/A	12	3	60	0.8
EDI-50-JDA	50	45	440/254	220/127	N/A	12	3	60	0.8
EDI-50-JDB	50	45	416/240	208/120	240/120	12	3	60	0.8
EDI-50-JDC	50	45	380/220	N/A	N/A	12	3	60	0.8
EDI-50-JDD	50	45	N/A	N/A	240/120	4	1	60	1
EDI-50-JDH	50	45	600/347	N/A	N/A	12	3	60	0.8
EDI-50-JDX - 50 HZ - Consult Factory									

IMPORTANT NOTES:

- For ratings and voltages not listed above refer to the Gen-Set Selector or consult factory
- Standby ratings do not have an overload capability but can be used for the duration of the utility failure per ISO-3046, DIN6271 and BS5514
- Prime (Unlimited Running Time) ratings are continuous per DIN 6271 and ISO-3046 with 10% overload capacity
- Base Load (Continuous) ratings are continuous per DIN 6271, BS5514 and ISO-8528 with no sustained overload capacity
- Consult factory for Base Load ratings
- Altitude derate is 4% for each 1000 feet over 5000
- Temperature derate is 1% for 10°F over 100°F ambient

Engine Technical Data



Gen-Set Technical Data

Alternator Technical Data	
Generator Frame	224
Exciter	Brushless
Cooling Fan	Cast alloy aluminum
Bearing	Single, double shielded
Connection Type	Reconnectable
Insulation Type	Class H
Windings	100% copper
Pitch	2/3
Amortisseur Winding	Full

Voltage Regulator	SX460
Voltage Regulation NL - FL	+/- 1.5%
Underspeed Protection	Standard
Overexcitation Protection	Standard
Overvoltage Protection	Optional
Loss of Sensing Protection	Standard
Overspeed	2250 RPM
Standards	NEMA, IEC, IEEE, CSA, BS
Phase Sequence	A(U),B(V),C(W)
TIF (1960 Weightings)	<50
Excitation System	PMG - optional

Alternator Performance Data	Model EDI-50-JDA	Model EDI-50-JDB	Model EDI-50-JDC	Model EDI-50-JDH
Temperature rise by resistance - °C (Stand-By)	125/40	125/40	125/40	125/40
Generator model number	UCDI224D	UCDI224E	UCDI224F	UCDI224D
Generator kW at 125/105/80°C over 40°C ambient (480 Volt , 60Hz)	52/46.4/40	60/54.4/48	75/66/57.4	52/46.4/40
SKVA output with 30% voltage dip max. 100% recovery at 60 Hz	180	210	260	Consult Factory
Maximum skva at 90% sustained voltage dip	Consult Factory	Consult Factory	Consult Factory	Consult Factory
Subtransient reactance at voltage listed	11.00%	12.00%	12.00%	Consult Factory
Line - line harmonic maximum total	5.00%	5.00%	5.00%	5.00%

Installation/Application Data	ENGLISH 50Hz	METRIC 50Hz	ENGLISH 60Hz	METRIC 60Hz
[Redacted Content]				

CONTROLS

Panel Specifications

- Operates at 50 or 60 Hertz
- Removable Cover Allows Easy Access to Wiring
- NEMA 1 Type Enclosure, Shock Mounted
- AC Meters Comply With ANSI C39.1 and IP H2.
- Engine Instruments meet SAE Specifications
- Three AC Fuses for Meter Protection

Engine Monitoring Instruments

- Engine Oil Pressure
- Engine Oil Temperature (200 KW and Above)
- Battery Voltage
- Running Time Meter
- Overspeed Alarm Light
- Low Oil Pressure Alarm Light
- High Coolant Temperature Alarm Light

Engine Protection

- Overspeed Shutdown
- Over-crank Shutdown
(Standard With Auto-Start)
- High Water Temperature Shutdown
- Low Oil Pressure Shutdown

Generator Monitoring Instruments

- AC Voltmeter
- AC Ammeter
- AC Frequency Meter

Meters are 3.5 inch (89 mm), $\pm 2\%$ accuracy. Includes Ammeter/Voltmeter selector switch for monitoring line voltage and current in each phase.

ACCESSORIES & OPTIONS

Control Panel

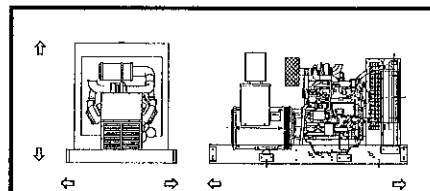
- High Coolant Temp. Pre-alarm
- Low Oil Pressure Pre-alarm
- Tachometer
- AC Wattmeter – Digital
- Emergency Stop
- Alarm Horn With Switch
- Remote Stop-Start
- Remote Annunciator
PER NFPA 110
- Cool Down Timer
- Sync. Check Relay
- Auto-start
- Reverse Power Relay

Engine Exhaust System

- Industrial Silencer
- Residential Silencer
- Critical Silencer
- Exhaust Flex
- Exhaust Extension
- Rain Cap
- _____

Generator Accessories

- Main Line Circuit Breaker
- Shunt Trip
- Space Heater
- Under Voltage/ Over Voltage Module
- Under Frequency/Over Frequency Module
- Cross Current Compensation
- Current Boost Module
- Field Circuit Breaker
- _____



Dimensions – in (mm)
Consult Factory

Weight – lbs. (Kg)
Consult Factory

Engine Electrical System

- 12 or 24 Volt Operation
- Batteries
- Battery Rack
- Battery Cables
- Battery Charger - Automatic
- Battery Charger - Trickle
- _____

Engine Fuel System

- Day Tank
- Float Tank
- Sub-Base Fuel Tank
- Storage Tank
- Flexible Fuel Lines
- _____

Miscellaneous

- Weather Proof Enclosure
- Sound Attenuated Enclosure
- Trailer Mounted
- Vibration Isolators
- Coolant Heater
- Oil Heater
- Bypass Oil Filter
- Tool Kit
- Export Boxing
- _____

■ Specifications May Change Without Notice ■ Last Revised: APRIL 2002 ■ EDI-50-JD. Word ■

Distributed By:





909 Perkins Drive • Mukwonago, WI 53149 • 262.363.1555 • Fax: 262.363.1556

Engineering Specification for High Performance Enclosure Series (HPE)

Weather Protective Enclosure Common Features:

Introduction: The intent of this specification is to provide the user with parameters for a high quality enclosure to protect the Generator Set and related equipment from the environment. The enclosure must provide security from vandals and be aesthetically pleasing as well. In addition the enclosure must meet applicable National Electric Code (NEC) and National Fire Protection Association (NFPA) codes relating to clearances of all items included with the Generator Set. The performance of the enclosure must be in accordance with the Generator Set's specific requirements for cooling and combustion airflow. Clearances must be adequate for maintenance personnel and/or doors must be located such that service personnel have adequate access.

Design Features: The enclosure will be of Modular construction allowing complete flexibility in design and use. The enclosure must be capable of being modified in the factory or after installation to meet various field conditions. Modifications include reversing the door swing, adding or moving doors, adding or moving intake and exhaust louvers, adding sound attenuating hoods, etc. All enclosures must have a 1.5 to 2.5 mil powder baked enamel finish to eliminate rust issues common with steel construction. This type of construction insures that all surfaces and edges are coated to eliminate rust bleeding on the exterior and interior surfaces. The powder-coating will be applied following a three stage wash process and the application of a sealant. The coating will be baked for a minimum of 15 minutes at 400°F.

Enclosure when properly installed must be capable of withstanding a 120 mph wind. Intake louvers and enclosure overall must be able to maintain less the .01 ounces of moisture penetration per square foot of louver free area during a 4"/hr rainfall.

Construction: Roof and walls, 14 Gage ASTM A569 hot rolled steel (Alternate: .080" 5052-H32 Aluminum) formed into 3.0" thick panels. Lifting provisions must be provided in the base that enable the complete Gen-set with the enclosure to be lifted without damage.

Wall Section: Wall sections shall be bolted together using a SAE .25"-20, grade 5 bolts. The wall sections will have a flange arrangement to allow them to over-lap one another. All bolts shall be fastened through these flanges. All fasteners will be Rivnut®, Nylock®, or equivalent to eliminate any loosening during shipment or operation. The walls will be bolted through the base rails. Between the base rails and the walls will be placed a .25" thick x 2" wide neoprene gasket to eliminate and water leakage and vibration. The front panel will be punched to allow the maximum airflow while maintaining protection for the radiator core. Expanded metal grating is not acceptable. Each wall section shall be removable in case replacement is required due to shipping damage or if the customer desires to change the design.

Roof Section: Roof shall be in sections no wider than 42" with flanges no less than 2.25" in width, folded up so that water cannot run into the enclosure. In addition the roof must extend a minimum of one inch beyond the walls of the enclosure to provide a drip edge. The roof must be capable of supporting the largest commercially available silencer recommended for this particular model Gen-set. All bolts used in the roof will be sealed with watertight neoprene flat washers. Radiator cap access will be provided externally unless adequate room exists inside the enclosure. Roof panels will be pitched to accommodate water drainage. Roof load equal to 50 lbs. per square foot.

These specifications and pricing are subject to change without notice.

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Door Section: Doors may be any combination of 42" wide x 60" high or 42" wide x 84" high. Doors will be pre-hung to a rigid frame to assure proper alignment at all times. All doors shall be cross-braced to provide the maximum strength possible and to maintain alignment. Door seals are to be rubber material that is non-hydroscopic and will not allow the doors to freeze shut. Hinges shall be zinc-plated, bolt on with brass hinge pins that will not rust shut or bind shut, common with piano hinges. Handles shall be lockable L-type handle zinc-plated with a heavy-duty snap action latch. Latches that depend on springs to close are not acceptable.

Exhaust System: Exhaust silencer(s) shall be mounted above the roof using heavy-duty 7 gage powder-coated brackets. The exhaust system shall include a roof penetration section that will eliminate rain or water run-off from entering the enclosure. This section will allow the exhaust system to expand thermally without damage to the engine or exhaust system. The rain shield will fit in-between the silencer intake flange and the flexible exhaust connection flange. A gasket must be provided between the silencer flange and the rain shield.

Door Safety Override Mechanism: Energy Dynamics provides a safety override mechanism as standard on 84" man doors. This feature is optional on the smaller non-man doors. This includes the following:

Outside Handle: Heavy-duty die cast handle and base. Handle is lockable and all door locks are keyed alike.

Latch Assembly: Spring-less cam design provides positive, reliable latching. Safety Override Latch can be opened from the inside even when locked.

Inside Safety Handle: Heavy-Duty 7" safety lever provides large grip area and requires minimal force to open. Lever only needs to be rotated 90 degrees to open door.

Safety Label: Permanent aluminum backed 6" x 6" sign with yellow arrows and red lettering on black background. Label clearly shows the open and closed positions.

Enclosure Options

Intake Louver Option: Intake louvers can have fixed or motorized, non-acoustic or acoustic blades. Louvers will be designed so that they cannot trap water. Louvers will be located to the rear of the enclosure to provide cooling airflow over the complete Gen-set.

The intake louvers should have enough free area to allow ample airflow at restrictions less than as required by the Gen-set manufacturer and as required to maintain air velocities less than 1000 fpm. The floor of the enclosure is not to be used for intake cooling airflow or included in the free area calculation above.

Acoustic air intake louvers (a minimum of 6 inches deep) consisting of mill finished aluminum on outside facing surfaces and mill finished perforated aluminum on interior facing surfaces, will be used to attenuate the intake openings. Fiberglass absorption material (as described above) will be used for the attenuating material. Louver must include a bird and debris screen.

Discharge Louvers Option: The radiator cooling discharge air outlet, will be covered by an extruded aluminum gravity-closed damper. This damper automatically open when the engine starts and close when the engine stops. Damper shall have lip seals.

Intake and Discharge Hood Options: Intake and discharge hoods will be installed to reduce the noise levels to meet the specification and reduce water penetration into the enclosure. The construction of the hoods will be 14 Gauge ASTM A569 hot rolled steel (Alternate: .080" 5052-H32 Aluminum) with a powder baked enamel finish. Hoods will be attenuated and lined as required for the desired noise level.

Sound Attenuation Material Option: Material must not be flammable and must be protected against mechanical abuse as well as chemical corrosion. Sound absorption/attenuating material, consisting of glass fibers thermo-set into rigid sections a minimum of 3 pounds per cubic foot in density with the following characteristics is acceptable:

- ▶ Surface burning meets NFPA 90A and 90 B
- ▶ Corrosiveness meeting ASTM C665
- ▶ Stress corrosion passes MIL-I-24244B
- ▶ Moisture absorption per ASTM C553 less than 5%
- ▶ Shrinkage less than 0.3% per ASTM C356

This material must be covered by perforated aluminum of a minimum thickness of .032" and be mill finished with a minimum of 40% open area for maximum sound absorption/retainage and to protect from the accidental puncture common with foam materials. Foams that are not covered by a perforated material or that have flame resistant coatings are not acceptable.

Utility Circuit Option: Enclosure will include (4) 2-bulb 40 watt 48" fluorescent fixtures with 3-way switches at two access doors. Also included will be two duplex receptacles conveniently located and one Chromolox or equal forced air electric heater rated 5 kW at 240 V with a unit-mounted thermostat. All electrical accessories will wired to a 100 amp circuit panel, Square-D or equivalent. All wiring will be run in galvanized steel conduit and/or sealtite and meet NEC codes.

Day Tank Option: If a day tank is installed, it should be installed in the enclosure and plumbed to the engine with schedule 40 black piped sized accordingly to the engine requirements. Flex connections will be provided as required. Day tank electrical requirements will be connected as required for AC power and alarms contacts.]

Floor Assembly and Under frame for "Semi-Walk-In" Enclosure Option: Modular Grip Strut. These beams are not bolted down and may be easily removed for access to tank and stub-ups. This option would have a two level platform that would have some open areas and is not able to be sound attenuated. The under-frame would consist of two W-beams lengthwise and two W-beams across the front and the back.

Floor Assembly and Under-frame for "Walk-In" Enclosure Option: Continuous Diamond Plate capable of 200 lbs. per square foot equally distributed loading. Access to stub-ups is external, thru a removable tank rear panel. The under-frame will consist of ¾" exterior grade plywood over a sub-base assembly consisting of two W-beams lengthwise and two W-beams across the front and the back. MC-6 structural cross-members and I-beams as required to support the Gen-set and other heavy accessories will support the floor. Plates will be welded to the I-beams as required to anchor equipment. Lifting plates will be welded to the W-beams in each corner. Level I & Level II floors will have rigid fiberglass acoustic insulation.

Enclosure Special Design Criteria

HPE-Series "Skin-Tight" Standard Enclosure

- ▶ Fixed blade intake louvers. Includes bird and debris screen.
- ▶ Internal stub-up access.

HPE-Series "Skin-Tight" Sound Attenuated Level I Enclosure

- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 15 dbA average @ 3 meters noise reduction level*.
- ▶ Fixed blade intake louvers with acoustic insulation and perforated facing. Includes bird and debris screen.
- ▶ Discharge hood.
- ▶ Internal stub-up access.

HPE-Series "Skin-Tight" Sound Attenuated Level II Enclosure

- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 25 dbA average @ 3 meters noise reduction level*.
- ▶ Fixed blade intake louvers with acoustic insulation and perforated facing. Includes bird and debris screen.
- ▶ Discharge & intake hoods with acoustic insulation and perforated facing.
- ▶ Internal stub-up access.

HPE-Series "Semi-Walk-In" Standard Enclosure

- ▶ Two level left and right side walkway of 24"-30" between genset base and wall and a rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Modular Grip Strut.
- ▶ Fixed blade intake louvers. Includes bird and debris screen.
- ▶ Internal stub-up access.

HPE-Series "Semi-Walk-In" Sound Attenuated Level I Enclosure

- ▶ Two level left and right side walkway of 24"-30" between genset base and wall and a rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Modular Grip Strut.
- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 15 dbA average @ 3 meters noise reduction level*.
- ▶ Fixed blade intake louvers with acoustic insulation. Includes bird and debris screen.
- ▶ Discharge hood.
- ▶ Internal stub-up access.

These specifications and pricing are subject to change without notice.

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HPE-Series "Semi-Walk-In" Sound Attenuated Level II Enclosure

- ▶ Two level left and right side walkway of 24"-30" between genset base and wall and a rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Modular Grip Strut.
- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 25 dbA average @ 3 meters noise reduction level*.
- ▶ Fixed blade intake louvers with acoustic insulation and perforated facing. Includes bird and debris screen.
- ▶ Discharge & intake hoods with acoustic insulation and perforated facing.
- ▶ Internal stub-up access.

HPE-Series "Walk-In" Standard Enclosure

- ▶ Continuous left and right side walkway of 24"-30" between genset base and wall and a rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Continuous diamond plate
- ▶ Fixed blade intake louvers. Includes bird and debris screen.
- ▶ External stub-up access.

HPE-Series "Walk-In" Sound Attenuated Level I Enclosure

- ▶ Continuous left and right side walkway of 24"-30" between genset base, wall and rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Continuous diamond plate with acoustic insulation.
- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 15 dbA average @ 3 meters noise reduction level*.
- ▶ Fixed blade intake louvers and hood with acoustic insulation. Includes bird and debris screen.
- ▶ Discharge hood lined with acoustic insulation
- ▶ Internal stub-up access.

HPE-Series "Walk-In" Sound Attenuated Level II Enclosure

- ▶ Continuous left and right side walkway of 24"-30" between genset base and wall and a rear work area of 36" to 48" long x the inside width of the enclosure.
- ▶ Floor: Continuous diamond plate with acoustic insulation.
- ▶ 3" rigid fiberglass acoustic insulation with aluminum perforated facing on interior walls and ceiling.
- ▶ 25 dbA average @ 3 meters noise reduction level.
- ▶ Fixed blade intake louvers with acoustic insulation and perforated facing. Includes bird and debris screen.
- ▶ Discharge & intake hoods with acoustic insulation.
- ▶ Internal stub-up access.

Overall Coordination: The enclosure manufacturer and the CONTRACTOR must coordinate the installation closely to provide the customer with the best product possible.

Warranty: The enclosure shall have a warranty for a period of not less than (2) years after shipment to be free of defects in workmanship and materials. Repair or replacement of the part will be made at the factories options. This warranty covers failures that occur under normal use and service. ENERGY DYNAMICS is not responsible for failures resulting from neglect or abuse. ENERGY DYNAMICS is not responsible for incidental or consequential damages.

The actual noise level after installation at the site may be adversely affected by factors such as ambient noise, reflected engine exhaust noise. The installation, foundations and other structures can also affect noise levels. Therefore it is imperative that the Gen-set manufacture, Enclosure manufacturer and the Contractor coordinate the manufacturing and installation.

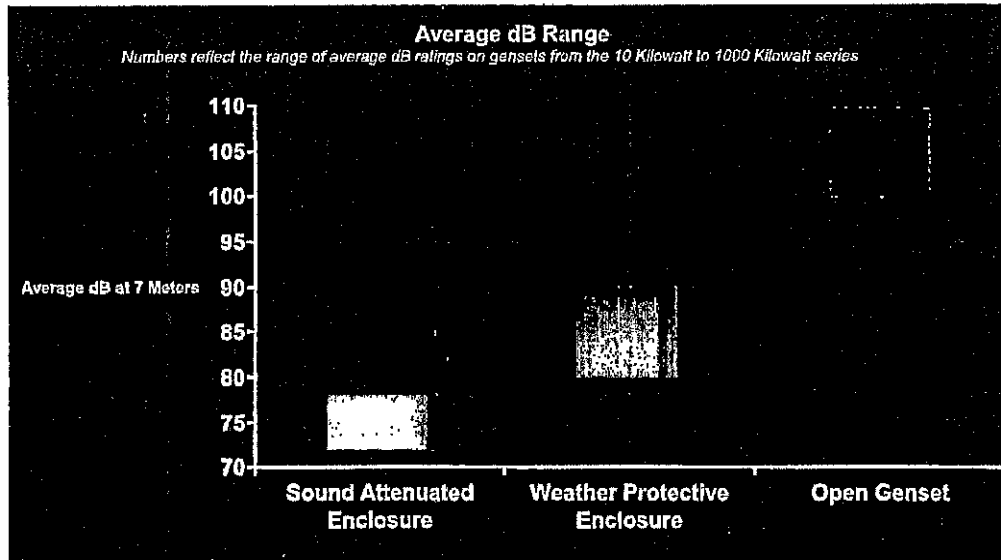
SUPERIOR PERFORMANCE:

Our enclosure construction provides superb performance against weather elements. Our enclosed gensets are Listed to the UL2200 standard for Stationary Engine Generator Assemblies, which requires that the enclosures be tested against detrimental water ingress after 4 hours duration of 45° angled rain testing (refer to UL2200, Section 66.1 Rain test for rainproof enclosures). Our enclosures comply with requirements for safe shutdown with blocked inlets (refer to UL2200, Section 42) and exceed the requirements for corrosion protection (refer to UL2200, Section 65).

Additional performance features built into our enclosures include:

- Keyed door latches for equipment security
- Large access doors with slip pin design hinges for easy removal when opened beyond 90°
- Doors swing open 180° for unhampered access to generator
- Roof panel cover provides access to radiator. Cover is cable-secured to prevent misplacement and gasketed to prevent ingress of rain or moisture
- Ability to withstand hurricane wind ratings of 110 mph ←
- Rodent proof enclosure design for reliable equipment operation

In addition to weather protection, enclosures provide noise reduction. For lower noise levels, sound-attenuated enclosure options are available. Combining the features of a standard weather protective enclosure with a Generac-engineered solution of sound-absorbing panels, baffles and air ducts minimizes external noise levels. Sound levels vary with engine type and power output, but typical sound levels are shown below:



DESIGNED AND TESTED BY GENERAC:

Unlike most of our competitors, Generac designs its own line of generator enclosures, in both weather protective and sound attenuated configurations. By doing so, we can ensure a proper fit to our generator sets for a better product. As a result, Generac enclosures offer:

- Door locations matched to the generator set for easy operation and maintenance access
- Elimination of enclosure to generator interference issues at the installation site
- Internal sound attenuating ducts and baffles for a cleaner external appearance
- Factory prototype testing of all enclosed generator sets to ensure adequate air flow and cooling

MANUFACTURED BY GENERAC:

Again, unlike most of our competitors – who farm out the enclosure to the cheapest supplier – Generac manufactures its own line of generator enclosures. Our fabrication facility, located in Eagle, Wisconsin is ISO9001 Certified. With our own resources, we can ensure a consistent, high-quality, high-value product.



CNC Punch Press at Eagle Facility



Powder Coat Paint Line at Eagle Facility

To achieve a durable, corrosion resistant finish, all the enclosure panels we produce are processed in the following steps:

1. Fabricated steel panels are cleaned and rinsed to remove the protective oil coating and any other debris
2. The bare steel is treated with iron phosphate coating for corrosion resistance
3. Parts are run through a combination rinse and seal coat process
4. Parts are electrostatically sprayed with TGIC powder paint, then
5. Baked at 400° F for 15 minutes to chemically adhere and seal the powder coated finish to the metal

In-house manufacturing and quality controls ensure consistent enclosure color and finish. Generac's standard enclosure color is tan, with black and white also available as no cost options.

If your specifications require, we can also provide a powder coat finish with the same high quality and durability, but color matched to your supplied sample.

ALUMINUM AND STAINLESS STEEL ENCLOSURES:

Generac also offers alternatives for more rigorous anti-corrosion requirements, such as salt environments near oceans or locations near corrosive pollutants. Our enclosures can be produced using either Type 3004-H14 aluminum or AISI Type 304 stainless steel. These enclosures are produced at the same facility as our standard carbon steel product. Aluminum and stainless steel enclosures can either be left uncoated or powder coat finished – color choices again are standard tan, black, white or custom color matched.

WARRANTY COVERAGE:

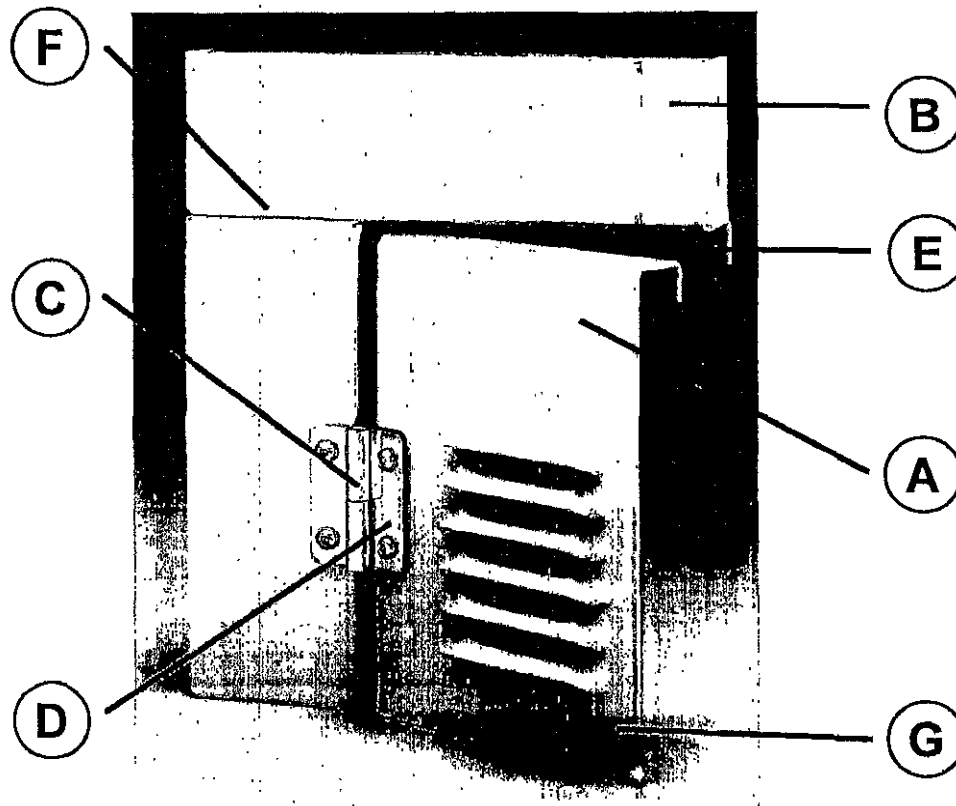
Generac enclosures are covered by a limited warranty against rust or corrosion for one year (see warranty bulletin 0166290SBY for details on coverage and requirements).

Dealer Information:

Technical Resource Center
Generac Power Systems, Inc.
PO Box 8 • Waukesha, WI 53187
(888) GENERAC

SUPERIOR CONSTRUCTION:

- Constructed with ASTM A569, commercial quality, surface critical hot-rolled steel. Stock thickness is 14 gage for Series 2000 enclosures and 12 gage for large gensets (see item A)
- Treated steel panels are finished with electrostatically applied and oven-baked powder coat finish (see item B)
- Stainless steel door hinges, latches and strike plates. Door hinges are slip pin design with stainless steel fasteners (see item C)
- Corrosion resistant JS500 plated steel fasteners
- Fasteners and door hinges have polyethylene washers and gaskets to protect powder coat finish (see item D)
- Doorjamb has closed-cell polyurethane gasketing around 100% of the door perimeter to prevent moisture ingress and sound egress (see item E)
- Roof panels are gasketed for protection from intrusion of weather elements
- Roof designed with drip ledge for optimum runoff of moisture and rain
- Air ducts designed with water drain holes
- Sound attenuated enclosures have adhesive backed acoustic foam panels for maximum holding capacity, roof acoustic foam panels are held with mechanical retention caps and pins that are capacitive-discharge welded to enclosure panels.
- Acoustic panels are 2 lb. / ft³ polyurethane foam compliant to UL-94 HF-1 for flame resistance
- Roof and door panel stiffeners provide overall compartment strength and rigidity
- Internal flanges for panel fastenings are used for a very attractive appearance (see item F)
- Common door design and dimensions throughout Series 2000 product line (see Item G)
- Modular design Series 2000 products allows for an easy upgrade from weather protective to sound attenuated enclosure



GENERAC® POWER SYSTEMS, INC.

Highway 59 & Hillside Road
Waukesha, WI 53188

Phone: 262/544-4811 • FAX: 262/968-3791

TO: Lee

FROM: Randy Pasotto


Number of pages including cover sheet: 4

Date: _____ Time: 1:55/P

Enclosure Data

02 JUN 19 AM 10:54

MEMORANDUM

To: Bob Franceschini, CPM, CPPB, Purchasing Agent
From: John D. Wilson, Director, Lee County Public Safety 
Date: June 17, 2002
Subject: Formal Quote # Q-020384, Two Trailer Mounted Generators

Please award the project to Standby Systems, Inc., whose bid of \$52,082.00 is the lowest meeting specification. Please also add an additional \$5,000 in incidental expenses to reposition the portable generator electrical connection at the Caloosa Middle School.

Here is the additional information you requested in your May 15 memorandum to include in the Board Agenda Blue Sheet:

WHY THE ACTION IS NECESSARY: According to Section 9.4.1 of the Lee County Purchasing & Payment Manual approved by the Board on 3/21/00, purchases over \$50,000.00 must be approved by the Board.

WHAT THE ACTION ACCOMPLISHES: Allows the Division of Public Safety to obtain two, 50 KW portable emergency generators that will be used to provide emergency power at two public shelters and for other emergency response purposes.

ACCOUNT STRING WITH BUDGET NARRATIVE: Funds for the purchase are contained in the following account string:

- KF5250418200.506430 - Public Safety, All Hazards Protection, Fund 182, Vehicles and Rolling Stock

Please call our office at 335-1649 or email me at wilsonjd@leegov.com if you have any questions concerning this response.

JDW:cmm

cc: Michael Bridges, Deputy Director
David Saniter, Emergency Programs Manager