



THE CITY OF
EDINBURG
NOTICE TO BIDDERS

The City of Edinburg is soliciting sealed bids to be received by the City Secretary's Office located at 415 W. University Drive, Edinburg, Texas 78541. City of Edinburg normal business days are Monday through Friday between the hours of 8:00 a.m. to 5:00 p.m. and shall be closed on recognized holidays.

Bids will be received until **3:00 p.m. Central Time**, on **Tuesday, September 02, 2014**, shortly thereafter all submitted bids will be gathered and taken to the Edinburg City Hall Community Room, 1st Floor, to be publicly opened and read aloud. Any bid received after the closing time will not be accepted and will be returned to the bidder unopened. It is the responsibility of the bidder to see that any bid submitted shall have sufficient time to be received by the City Secretary's Office prior to the bid opening date and time. The receiving time in the City Secretary's Office will be the governing time for acceptability of the bids. Bids will not be accepted by telephone or facsimile machine. All bids must bear original signatures and figures. The Bid shall be for:

BID NO. 2014-112
750KW LOAD BANK FOR EMERGENCY GENERATOR

If you have any questions or require additional information regarding this bid, please contact **LT. OCTAVIO REYES, POLICE DEPARTMENT** at (956) 289-7788 or **LORENA FUENTES, PURCHASING AGENT**, at (956) 388-1895 or via e-mail to the following e-mail address: lfuentes@cityofedinburg.com

If Hand-delivering Bids: 415 West University Drive,
C/o City Secretary Department (1st Floor)

If using Land Courier (i.e., FedEx, UPS): City of Edinburg
C/o City Secretary
415 West University Drive
Edinburg, Texas 78541

If Mailing Bids: City of Edinburg
C/o City Secretary
P.O. Box 1079
Edinburg, TX 78540-1079

The City of Edinburg reserves the right to refuse and reject any or all bids and to waive any or all formalities or technicalities and to accept the bid deemed most advantageous to the City, and hold the bids for a period of **60** days without taking action.

Bids must be submitted in an envelope sealed with tape and prominently marked on the lower left hand corner of the bid envelope with corresponding bid number and title.



CITY OF EDINBURG INSTRUCTIONS TO BIDDERS

DEVIATION FROM SPECIFICATION

Please read your specifications/requirements thoroughly and be sure that the SERVICES offered comply with all specifications/requirements. Any variation from the specifications/requirements must be clearly indicated by letter attached to your bid referencing variations on a point-by-point basis. If no exceptions are noted, and you are the successful bidder, it will be required that the SERVICES be provided as specified.

PURPOSE

1. The purpose of these specifications/requirements and bidding documents is for the purchase of 750KW LOAD BANK FOR EMERGENCY GENERATOR for the City of Edinburg, Police Department.

2. The SERVICES to be furnished under this bid shall be as specified in these bid documents. All specifications/requirements shown are minimum. There is no intention to disqualify any bidder who can meet these specifications/requirements.

SUBMITTAL OF BID

Bids will be submitted in sealed envelopes upon the blank bid form attached hereto. Submit two (2) complete sets of the bid, one (1) original marked "ORIGINAL," and one (1) copy marked "COPY". Each bid must be completely filled out and SUBMITTED IN ORIGINAL FORM, complete with all supporting documentation. Bids submitted by facsimile (fax) or electronically will **NOT** be accepted. Submittal of a bid in response to this solicitation for Bids constitutes an offer by the Bidder. Bids which do not comply with these specifications/requirements may be rejected at the option of the City. Bids must be filed with the City of Edinburg, before opening day and hour. No late Bids will be accepted. They will be returned to Bidder unopened (if properly identified).

If Hand-delivering Bids: 415 West University Drive, c/o City Secretary Department (1st Floor)

If using Land Courier (i.e., FedEx, UPS): 415 West University Drive, c/o City Secretary Department (1st Floor), Edinburg, Texas
78541

If Mailing Bids: P.O. Box 1079, Edinburg, TX 78540-1079

PREPARATION OF BID

Bids **MUST** give full firm name and address of bidder, and be manually signed. Failure to do so will disqualify your bid. Person signing bid must show title or AUTHORITY TO BIND HIS/HER FIRM IN A CONTRACT.

Firm name and authorized signature must appear on each page that calls for this information. The legal status of the Respondent/Bidder whether corporation, partnership, or individual, shall also be stated in the bid. A corporation shall execute the bid by its duly authorized officers in accordance with its corporate by-laws and shall also list the state in which it is incorporated. A partnership Respondent/Bidder shall give full names and addresses of all partners. All partners shall execute the bid. Partnership and Individual Respondent/Bidder shall state in the bid the names and addresses of all persons with a vested interest therein. The place of residence of each Respondent/Bidder, or the office address in the case of a firm or company, with county and state and telephone number, shall be given after the signature.

ALTERATIONS/AMENDMENTS TO BID

Bids **CANNOT** be altered or amended after opening time. Alterations made before opening time must be initialed by bidder guaranteeing authenticity. No bid may be withdrawn after opening time without acceptable reason in writing and only after approval by the City of Edinburg.

INSTRUCTIONS TO BIDDERS (Continued):

SALES TAX

State sales tax must not be included in the bid.

SUBSTITUTIONS

No substitutions or cancellations will be permitted without written approval of City of Edinburg.

NO BID RESPONSE

If unable to submit a bid, bidder should return inquiry giving reasons.

EXCEPTIONS

Any additions, deletions, or variations from the following specifications/requirements must be noted. The bidder shall attach to his/her bid sheet a list of any exceptions to the specifications/requirements if unable to do so, on specification sheet.

BRAND OR MANUFACTURER REFERENCE

Unless otherwise specified, any catalog or manufacturer's reference or brand name used in describing an item is merely descriptive, and not restrictive, and is used only to indicate type and style of product desired. Bids on alternate brands will be considered if they meet specification requirements. If a bidder quotes on equipment other than the one(s) specified in the bid, sufficient specifications and descriptive (pictured literature) data must accompany same to permit thorough evaluation. In the absence of these qualifications, he/she will be expected to furnish the product called for.

DELIVERY

Number of days required to deliver SERVICES after receiving order must be stated in the bid. Failure to so state will obligate bidder to complete service delivery within ONE day.

DELAY IN SERVICE DELIVERY

When delay can be foreseen, Bidder shall give prior notice to City of Edinburg. Bidder must keep City of Edinburg advised at all times of status of order. Default in promised service delivery (without acceptable reasons) or failure to meet specifications/requirements, authorizes the City of Edinburg to purchase such SERVICES elsewhere and charge increase in cost to defaulting vendor. Acceptable reasons for delayed delivery are as follows: Acts of God (floods, tornadoes, hurricanes, etc.), acts of government, fire, strikes, war; Actions beyond the control of the successful bidder.

SERVICE DELIVERED PRICING

Bids in units of quantity specified - extend and show total. In the event of discrepancies in extension, unit prices will govern. Bids subject to unlimited price increase will not be considered.

VALID BID TIME FRAME

The City may hold bids 60 days after bid opening without taking action. BIDDERS shall be required to hold their Bids firm for the same period of time.

RIGHT TO REJECT/AWARD

The City of Edinburg reserves the right to refuse and reject any or all Bids, and to waive any or all formalities or technicalities, and to make such awards of contract as may be deemed to be the best and most advantageous to the City of Edinburg.

INSTRUCTIONS TO BIDDERS (Continued):

MULTIPLE VENDOR CONTRACTS

Bidders are advised that the City of Edinburg may award Service Contracts to multiple vendors based on low bid per item basis. All items specified on the "Bid Form" **must** reflect the individual unit prices. The City of Edinburg reserves the right to award all items individually or in any combination thereof.

INDEMNIFICATION CLAUSE

The Bidder agrees to indemnify and save harmless the City, from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted upon request of the Purchasing Agent, as a necessary requirement in connection with the final estimate for payment in which such patented appliance, products or processes are used.

ADDENDA

Bidder shall carefully examine the bid forms, specifications/requirements, and instructions to Bidders. Should the bidder find discrepancies in, or omissions from bid forms, specifications/requirements, or other documents, or should he/she be in doubt as to their meaning, he/she should at once notify the Purchasing Agent (Edinburg City Hall, 956-388-8972) and obtain clarification by addendum prior to submitting any bid. Explanations, interpretations, and supplemental instructions shall be in the form of written Addenda which shall become a part of the Contract documents. Said Addenda shall be mailed, e-mailed, hand delivered and/or faxed, to all prospective Bidders. All Addenda issued in respect to this project shall be considered official changes to the original bid documents. Verbal statements in response to inquiries and/or requests for explanations shall not be authoritative nor binding. It shall be the Bidder(s) responsibility to ensure that they have received all Addenda in respect to this project. Furthermore, Bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the bidder's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original solicitation documents. Failure of any bidder to receive any such addendum or interpretation shall not relieve such Bidder from its terms and requirements. The City may issue a written addendum no later than five calendar days prior to the date bids must be received. Addendums are available online at www.cityofedinburg.com.

PAYMENT

The City of Edinburg will execute payment by mail in accordance with the State of Texas Pay Law after SERVICES have been provided and invoiced. No other method of payment will be considered.

SYNONYM

Where in this bid package ITEMS OR SERVICES is used, its meaning shall refer to the purchase of 750KW LOAD BANK FOR EMERGENCY GENERATOR as specified.

ASSIGNMENT

Neither the Bidder's contract nor payment due to an awarded vendor may be assigned to a third party without the written approval of the Purchasing Department for the City of Edinburg.

BIDDER'S EMPLOYEES

Neither the Bidder nor his/her employees engaged in fulfilling the terms and conditions of this Purchase Contract shall be considered employees of the City. The method and manner of performance of such undertakings shall be under the exclusive control of the vendor on contract. The City shall have the right of inspection of said undertakings at any time.

INSTRUCTIONS TO BIDDERS (Continued):

INTERPRETATIONS

Any questions concerning the conditions and/or specifications/requirements with regards to this solicitation for Bids shall be directed to the designated individuals as outlined in the Request for Bids. Such interpretations, which may affect the eventual outcome of this request for Bids, shall be furnished in writing to all prospective Bidders via Addendum. No interpretation shall be considered binding unless provided in writing by the City of Edinburg in accordance with paragraph entitled "Addenda".

STATUTORY REQUIREMENTS

It shall be the responsibility of the successful Bidder to comply with all applicable State & Federal laws, Executive Orders and Municipal Ordinances, and the Rules and Regulations of all authorities having jurisdiction over the work to be performed hereunder and such shall apply to the contract throughout, and that they will be deemed to be included in the contract as though written out in full in the contract documents. (To include issues related to health, environmental, and safety to name a few.)

RIGHT TO WAIVE

City of Edinburg reserves the right to waive or take exception to any part of these specifications/requirements when in the best interest of the City of Edinburg.

COOPERATIVE PRICING

Bidders are advised that in addition to responding to our "local" solicitation for bids/Bids with Dealer pricing, vendors/contractors are encouraged to provide pricing on the below referenced items/products/services based on BuyBoard, TX-MAS, H-GAC and/or any other State of Texas recognized and approved cooperative which has complied with the bidding requirements for the State of Texas. If bidding other than or in addition to "dealer" pricing, kindly duplicate the bid forms for each bid being provided from a cooperative contract. Any and all applicable fees must be included. All cooperative pricing must be submitted on or before bid opening date and hour.

TIME ALLOWED FOR ACTION TAKEN

The City of Edinburg may hold bids 60 days after the opening of Bids without taking action. Bidders are required to hold their Bids firm for same period of time.

PREPARATION OF BID

The City of Edinburg shall not be held liable for any costs incurred by any bidder for work performed in the preparation of and production of a bid or for any work performed prior to execution of contract.

CONFIDENTIAL INFORMATION

Any information deemed to be confidential by the bidder should be clearly noted on the pages where confidential information is contained; however, the City cannot guarantee that it will not be compelled to disclose all or part of any public record under Texas Public Information Act, since information deemed to be confidential by the bidder may not be considered confidential under Texas Law, or pursuant to a Court order.

VERBAL THREATS

Any threats made to any employee of the City, be it verbal or written, to discontinue the providing of item/material/services for whatever reason and/or reasons shall be considered a breach of contract and the City will immediately sever the contract with the Vendor on contract.

INSTRUCTIONS TO BIDDERS (Continued):

MATHEMATICAL ERRORS

In the event that mathematical errors exist in any bid, unit prices/rates -v- totals, unit prices/rates will govern.

AUDIT

The City of Edinburg reserves the right to audit the vendor's books and records relating to the performance of this contract. The City of Edinburg, at its own expense, shall have the right at all reasonable times during normal business hours and upon at least twenty-four (24) hours' advance notice, to audit, to examine, and to make copies of or extracts from the books of account and records maintained by the vendor(s) with respect to the Supply/Service and/or Purchase Contract. If such audit shall disclose overpayment by City to vendor, written notice of such overpayment shall be provided to the vendor and the amount of overpayment shall be promptly reimbursed by vendor to the City. In the event any such overpayment is not paid within ten (10) business days after receipt of such notice, the unpaid amount of such overpayment shall bear interest at the rate of one percent (1%) per month from the date of such notice until paid.

PAST PERFORMANCE

Vendor's past performance shall be taken into consideration in the evaluation and award of Service Contract for the Purchase of SERVICES.

JURISDICTION

Contract(s) executed as part of this solicitation shall be subject to and governed under the laws of the State of Texas. Any and all obligations and payments are due and performable and payable in Hidalgo County, Texas.

VENUE

The parties agree that venue for purposes of any and all lawsuits, cause of action, arbitration, and/or any other dispute(s) shall be in Hidalgo County, Texas.

CONFLICT OF INTEREST

CHAPTER 176 OF THE TEXAS LOCAL GOVERNMENT CODE

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the vendor or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the records administrator of the City of Edinburg not later than the 7th business day after the date the person becomes aware of facts that require the statement be filed. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. For more information or to obtain Questionnaire CIQ go to the Texas Ethics Commission web page at www.ethics.state.tx.us/forms/CIQ.pdf.

IF YOU HAVE ANY QUESTIONS ABOUT COMPLIANCE, PLEASE CONSULT YOUR OWN LEGAL COUNSEL. COMPLIANCE IS THE INDIVIDUAL RESPONSIBILITY OF EACH PERSON OR AGENT OF A PERSON WHO IS SUBJECT TO THE FILING REQUIREMENT. AN OFFENSE UNDER CHAPTER 176 IS A CLASS "C" MISDEMEANOR.

AWARD

For purposes of this project, award will be contingent on approval of budget.

SPECIAL CIRCUMSTANCES

In the event that the City of Edinburg has an immediate need for a particular service(s) that is/are on contract and the

INSTRUCTIONS TO BIDDERS (Continued):

successful vendor on contract is not able to meet the special service delivery needs of the City of Edinburg, the City of Edinburg reserves the right to purchase such services elsewhere to fulfill its' immediate need.

TERMINATION OF CONTRACT

The City of Edinburg reserves the right to terminate the contract if, in the opinion of the City of Edinburg, the successful vendor's performance is not acceptable, if the City is being repeatedly over charged, improperly charged, no funds are available, or if the City wishes, without cause, to discontinue this contract. Termination will be in written form allowing a 30-day notice. The bidder shall be afforded the same right to terminate this contract in the same manner.

INSURANCE REQUIREMENTS

Staff may waive insurance requirements for contracts \$0 - \$4,999.99, including but not limited to contracts for food, materials, supplies, and construction. Workers' Compensation in amounts which satisfy statutory coverage shall be required for construction projects.

The following insurance requirements will be included in all City contracts of \$5,000 - \$14,999.99. In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

| Minimum Insurance Requirements | |
|--|--|
| Type of Coverage | Limits of Liability |
| Worker's Compensation | Statutory Coverage |
| Comprehensive General Liability (City named as additional insured) Bodily Injury | \$250,000 each person/\$500,000 each occurrence |
| Property Damage | \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits |

The following insurance requirements will be included in all City contracts of \$15,000 or more.

- (1) The successful bidder will be required to carry the following insurance coverage and limits of coverage, as well as list the City as an additional insured to liability coverage as requested by the City. In addition, the successful bidder shall provide the City with evidence of coverage and furnish acceptable proof of payment of insurance premiums.

- (2) The successful bidder will be required to secure and/or have insurance coverage in force with an admitted property and casualty insurance company licensed by the State of Texas to conduct business in the State of Texas.

- (3) In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

INSTRUCTIONS TO BIDDERS (Continued):

| Minimum Insurance Requirements | |
|--|--|
| Type of Coverage | Limits of Liability |
| Worker's Compensation | Statutory Coverage |
| Employer's Liability | Bodily Injury by Accident: \$100,000 each accident Bodily Injury by Disease: \$100,000 each employee/\$500,000 policy limit |
| Comprehensive General Liability Bodily Injury | \$250,000 each person/\$500,000 each occurrence |
| Property Damage | \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits |
| Comprehensive Auto Liability Bodily Injury | \$100,000 each person/\$500,000 each occurrence |
| Property Damage | \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits |
| City's Protective Liability Bodily Injury | \$250,000 each person/\$500,000 each occurrence |
| Property Damage | \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits |

Policies must name the City of Edinburg as an Additional Insured.

Certificates of insurance naming the CITY as an additional insured shall be submitted to the CITY for approval prior to any services being performed by Contractor. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty (30) days written notice to the CITY prior to the cancellation of any such coverage on the termination date, or otherwise. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence that adequate replacement coverage is provided to the CITY. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, the Contract shall automatically terminate.

BID GUARANTEE AND BID BOND INFORMATION – Construction projects only

If the contract amount is over twenty-five-thousand dollars (\$25,000) for construction of the project, the successful bidder shall provide a bid guarantee, give a good and sufficient bond in the full amount of the contract price for the faithful performance of such contract, executed by a surety company authorized to do business in the State of Texas, in accordance with Article 5160, Vernon's Texas Civil Statutes, and amendments thereto. A payment bond in the full amount of the contract price to assure payment shall be required by law of all persons supplying labor and material in the execution of the project provided for in the contract documents.

A bid guarantee equivalent to five percent (5%) of the bid price will be required from each bidder. The "bid guarantee" shall consist of a firm commitment, such as a bid bond, certified check or other negotiable instrument accompanying a

INSTRUCTIONS TO BIDDERS (Continued):

bid as assurance that the bidder will upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.

A performance bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

A payment bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "payment bond" is one executed in connection with a contract to assure payment, as required by law, of all persons supplying labor and material in execution of the work provided for in the contract documents.

**CITY OF EDINBURG
REQUEST FOR BIDS FOR
750KW LOAD BANK FOR EMERGENCY GENERATOR**

BID NO. 2014-112

BID OPENING DATE: September 02, 2014 at 3:00 p.m.

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned 750KW LOAD BANK FOR EMERGENCY GENERATOR.

GENERAL REQUIREMENTS AND AGREEMENT FOR 750KW LOAD BANK FOR EMERGENCY GENERATOR:

You are invited to submit a sealed bid for the 750KW LOAD BANK FOR EMERGENCY GENERATOR as requested by the City of Edinburg, Police Department. The specifications listed below are minimum requirements and are intended to govern, in general, the size and material desired. The City of Edinburg reserves the right to evaluate variations from these specifications.

Edinburg Police Department



**Edinburg Police Department
750KW LOAD BANK FOR EMERGENCY GENERATOR**

SPECIFICATIONS

General Information

The Edinburg police department is soliciting sealed bids for the purchase and installation of (1) one 750 KW resistive permanent load bank. The emergency backup generator is located in the secured parking facility at the rear of the Edinburg police department, which is located at 1702 S. Closner Bl., Edinburg Texas.



The generator is powered by a Detroit diesel engine. Attachment #1 at the end of the sealed Bid will provide pertinent information such as the manufacturer and model number. However, any vendor submitting a Bid are encouraged to physically inspect the generator, transfer switch and cement foundation in person. Any questions regarding the Bid or to make arrangements to physically inspect the facilities should be addressed to Lt. Octavio Reyes at (956) 289-7788.

General Terms and Requirements

Scope of Work

The Edinburg police department is soliciting sealed bids for the purchase and installation of (1) one 750 KW resistive permanent load bank. The new 750 KW resistant load bank will be installed and outside cabinet secured to the existing cement foundation as per manufacture specifications. The new 750KW resistant load bank will be connected to the existing generator and transfer switch as per manufacturer specifications. The contractor shall furnish all appropriate wiring, cable and conduit necessary to connect the 750KW resistant load bank. The new 750KW resistant load bank shall be configured as to comply with all transfer switch specifications, and continue to permit the Department to exercise the generator with or without a load.

All equipment, parts and materials proposed in this request for proposal must be new and unused. The use of any manufactures names, trade names, brand names, or catalog numbers or photographs in these specifications are there for the purpose of establishing and describing general performance and quality levels, types and dimensions. Such

references are not intended to be restrictive, and bidders are invited to submit comparable brands of any manufacture that is equal to, or in compliance with, the specifications.

Installation of the 750 KW resistive permanent load bank will be performed Monday thru Friday between 8:00 a.m. and 5:00 p.m. unless mutually agreed by both parties.

MTU Certification

Contractor must provide documentation proving the installation, configuration and testing will be performed by or supervised by a certified MTU Onsite Energy certified technician.

Codes and Standards

All electrical work shall be performed in full accordance with the latest editions, including revisions and addenda of the National Electric Code and the National Electric Safety Code, American Society for Testing and Materials (ASTM), Institute for Electrical and Electronic Engineers (IEEE), National Electrical Manufacturers Associations (NEMA), and shall comply with all of the local, county, state and federal codes, rules and regulations. Where standards and requirements of the Occupational Safety and Health Act (OSHA) exceed those of the NEC, the OSHA standards and requirements shall take precedence.

All equipment, devices, materials and accessories used in the in installation of this Bid shall conform to, in every respect, all codes or standards governing the construction, testing or performance of the new 750KW resistant load bank.

Supervision

The Contractor shall be responsible for providing the appropriate supervision at all times. The Contractor shall be responsible for providing a thoroughly capable and competent for the installation, configuration and testing of the new 750KW resistive load bank.

The Contractor shall furnish a competent manufacturer's representative should at any time in the installation, configuration or testing become sufficiently complicated to require such supervision. If the Contractor deems it necessary to require additional assistance from a manufacturer's representative or technical support, such expenses will be deemed the responsibility of the Contractor.

Testing

After the installation, the Contractor shall test and demonstrate to the Department's representative(s) the new 750KW resistant load bank is operating as per the manufacturer's specifications. The Contractor shall also demonstrate the ability to exercise the generator with or without the new 750KW resistant load bank. The Contractor shall demonstrate to the Department, the load level(s) achieved by the 750KW resistant load bank.

Load Bank Technical Specifications

Avtron Load Bank Model K875A or Equal

Load Bank Type – Resistive permanent load bank, rated 500KW to 3000KW

Resistor Cases – Slide out design

Construction - Enclosure shall be constructed of heavy gauge aluminized steel with stainless steel exterior fasteners designed for outdoor installation. Enclosure shall be constructed with a vertical airflow design. Unit shall be equipped with a permanent base to be mounted on a cement pad.

Resistor Elements – The resistive elements shall be constructed of corrosion resistant chromium alloy wire and fully supported for long life.

Cooling – The resistive elements are air cooled by integrally mounted blower motors rated at 10 HP, 460CAC, 3 phase, 60Hz.

Control Panel – System shall include a minimum 19" rack mounted control panel with the minimum control options:

1. POWER ON-OFF switch
2. POWER On light
3. BLOWER On-OFF push buttons with a Blower Failure Light,
4. OVERTEMPERATURE Light
5. MASTER LOAD ON-OFF
6. LOAD STEP ON-OFF toggle switches

Protection – System shall include branch circuit fusing on all load steps and over-temperature protection. Differential pressure air switches on the blowers shall be electrically interlocked to remove load if the airflow is not sufficient to provide proper cooling.

Training

The Contractor shall be responsible for providing training to the Department's representative(s); no more than two on the operation and maintenance of the new 750KW resistant load bank.

Options

Digital Metering – Avtron Advanced Digital Monitoring System or equal. System display shall display Volts, Amps, Frequency, and KW and Communicator EXT™ Data Logging Software.

BID FORM FOR 750KW LOAD BANK FOR EMERGENCY GENERATOR (Continued):

All Addenda issued in respect to this project shall be considered official changes to the original bidding documents. It shall be the Bidder(s) responsibility to ensure that all Addenda have been received. Furthermore, bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the vendor's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original bidding documents.

Delivery Date: _____
(Bids without a delivery date will be considered incomplete.)

Does the Company have an office located in Edinburg, Texas? Yes _____ No _____

Has the Company ever conducted business with the City of Edinburg? Yes _____ No _____

Respectfully submitted this ____ day of _____, 2014.

SIGNATURE: _____

TYPE/PRINT NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE NO.: _____

FAX NO.: _____

EMAIL: _____

DETROIT DIESEL CORPORATION   

SHEBOYGAN, WI 53081 U.S.A.

MODEL 800084 SERIAL 2010431
SPEC. GM19978-GA1S MFG DT: 08/04
SERVICE DUTY: STANDBY
HZ: 60 RPM: 1800 FUEL: DIESEL

| | CC | KVA | P.F. |
|-----------------------|-----------------|--------------|--------------|
| SINGLE PHASE | | | |
| THREE PHASE | 810.00 | 1,013.00 | 0.8 |
| VOLTAGE (CODE) | 120/240 (61) 1p | 138/240 (61) | 127/220 (61) |
| AMPS | | | |
| 277/480 (71) | 220/380 (71) | 120/208 (81) | 347/600 (91) |
| 110/220 (61) 1p | 230/400 (71) | 240/416 (71) | 110/190 (61) |

GEN. MODEL: 5M4034 BATT. 24 V
INSUL: NEMA CLASS H 40° Amb

MATL: 800084



DETROIT DIESEL CORPORATION   

SHEBOYGAN, WI 53081 U.S.A.

MODEL 800084 SERIAL 2010431
ACCESSORIES:

- 279991 Nameplate Rating, Standby 150C
- 299891 Power Factor Test 0.8 3Ph Only
- 333788 Voltage, 60Hz 277/480V, Wye, 3Ph, 4W
- 334554 LCB, 1400A, 3P, 600V, UL Therm Mag
- 361911 Air Intake, Standard Duty
- 361912 Cooling, Unit Mounted Radiator
- 361914 Skid Isolation Mounted
- 365056 Controller, 16 Light, 24V
- 365204 Radiator Dual Flange
- GM18965-MA1S Control & Harness, 16V DDC Ser.2000
- GM17021-MA9 Alternator 5M4034, Isolation Mtd, 10L and
- GM19406-KA1 8hr Htr, 1/4000W, 190/208V, 1Ph w/Valves
- GM28562-KA1S Battery Charger, Float w/Alarms, 24V - 10A
- GM28618-KA1 Controller Connection - DEC3+
- GM28619-KA1S Dry Contact, 14 Relay
- SM28621-KA19 Oil in GenSet - 114 gals.
- GM28625-KA12 Coolant in GenSet 49 gals.