

Bid Number 50-00144034

Purchase of Diesel Towable Generators for the Jefferson Parish
Department of Sewerage

Bid Due: DECEMBER 21, 2023 at 2:00 pm

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received on the Purchasing Department's eProcurement site by the bid due date and time.

Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Buyer Name: Donna M Evans, Buyer II
Buyer Email: DMEVANS@jeffparish.net
Buyer Phone: 504-364-2691

DATE: 12/06/2023
BID NO.: 50-00144034

INVITATION TO BID
THIS IS NOT AN ORDER

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JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

PURCHASING SPECIALIST:
DMEVANS@jeffparish.net

BIDS WILL BE RECEIVED ONLINE VIA WWW.JEFFPARISHBIDS.NET UNTIL 2:00 PM, 12/21/2023 AND PUBLICLY OPENED THEREAFTER IN THE WEST BANK PURCHASING DEPT, SUITE 4400, JEFFERSON PARISH GENERAL GOVERNMENT BUILDING, 200 DERBIGNY STREET, GRETNA, LA 70053. At no charge, bidders are to submit via Jefferson Parish's electronic procurement page by visiting www.jeffparishbids.net to register for this free site. Additional instructions are included in the text box highlighting electronic procurement.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2620(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

THE FOLLOWING INSTRUCTIONS APPLY TO ALL BIDS

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 136353 and/or Resolution No. 141125 as amended.

Jefferson Parish adheres to the Louisiana Code of Governmental Ethics, contained in Louisiana Revised Statutes Annotated, R.S. 42:1101, et seq. Vendor/Proposer by this submission, warrants that there are no "conflicts of interest" related to this procurement that would violate applicable Louisiana Law. Violation of the Louisiana Code of Governmental Ethics may result in rescission of contract, permit or licenses, and the imposition of fines and/or penalties, without contractual liability to the public in accordance with applicable law.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

All quotations shall be based on F.O.B. Agency warehouse or job site, anywhere within the Parish as designated by the Purchasing Department. This provision does not apply to public works projects

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year guaranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alterations from the specifications must be indicated and/or supporting documentation supplied with bid submission.

Bidders should submit all questions in writing via email to the Purchasing Specialist's email address as indicated above, no later than Five (5) working days prior to the bid opening. Bid numbers should be mentioned in all requests. If submitting online, vendors may send questions via the E-Procurement site no later than Five (5) working days prior to the bid opening.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum. Please note that all official communication will be expressed in the form of an addendum.

Visit our website at [HTTP://PURCHASING.JEFFPARISH.NET](http://PURCHASING.JEFFPARISH.NET)

All formal Addenda require written acknowledgement on the bid form by the bidder. Failure to acknowledge any Addendum on the bid form shall cause the bid to be rejected. JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. Vendors must not alter the bid forms. Doing so will cause the bid to be rejected.

A corporate resolution or written evidence of the individual signing the bid having such authority must be submitted with the bid. Failure to comply will cause bid to be rejected. For corporate entities, such written evidence may be a printout of the Louisiana Secretary of State's website listing the signatory as an officer. Such printout shall be included with the bid submission. Bids submitted by Owners or Sole Proprietorships must include certification that he or she owns the entity for which the bid is signed. This documentation must be submitted with the bid. Failure to do so will result in bid rejection.

NOTE: A sample corporate resolution can be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document. A sample certification of sole proprietorship can also be downloaded from our website <http://purchasing.jeffparish.net> or you may provide your own document.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

A. AWARD OF CONTRACT: JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the LOWEST RESPONSIVE and RESPONSIBLE BIDDER, taking into consideration the CONFORMITY WITH THE SPECIFICATIONS and the DELIVERY AND/OR COMPLETION DATE. SPLIT AWARDS MADE TO SEVERAL VENDORS WILL ONLY BE GRANTED TO THOSE DEEMED RESPONSIVE AND RESPONSIBLE.

All bid prices shall remain valid for 45 days. Jefferson Parish and the lowest responsive and responsible bidder(s) by mutual written consent may mutually agree to extend the deadline for award by one (1) or more extensions of thirty (30) calendar days.

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

PREFERENCE: Unless federal funding is directly spent by Jefferson Parish for this purchase, preference is hereby given to materials, supplies, and provisions produced, manufactured or grown in Louisiana, quality being equal to articles offered by competitors outside the state. "LSA – R.S. 38:2251-2261"

B. USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

C. CANCELLATION OF CONTRACT: JEFFERSON PARISH reserves the right to cancel all or any part if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel any contract at anytime and for any reason by issuing a THIRTY (30) day written notice to the contractor.

For good cause and as consideration for executing a contract with Jefferson Parish, vendor conveys, sells, assigns and transfers to Jefferson Parish or its assigns all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of Louisiana, relating to the particular good or services purchased or acquired by Jefferson Parish.

D. PRICES: Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

The purpose and intention of this invitation to bid is to afford all suppliers an equal opportunity to bid on all construction, maintenance, repair, operating supplies and/or equipment listed in this bid proposal. JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR. Items bid must meet specifications.

Advertised bids will be tabulated and a copy of the tabulation will be forwarded to each responding bidder.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

The general specifications for construction projects and the purchase of materials, services and/or supplies are those adopted by the JEFFERSON PARISH Council by Resolution No. 136353 or 141125 as amended. The general conditions adopted by this resolution shall be considered as much a part of this document as if they were written wholly herein. A copy may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at <http://purchasing.jeffparish.net> and clicking on Online Forms.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

13, 15

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.
5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise state in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies) When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is a requirements contract to be provided on an as needed basis. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted as per the appendix instructions. Failure to submit applicable certifications per the appendix instructions will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment."). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission: and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to JPCO 2-155.10(19). By signing this document, every corporation, partnership, or person contracting with PARISH, whether by cooperative endeavor, intergovernmental agreement, bid, proposal, application or solicitation for a parish contract, and every application for certification of eligibility for a parish contract or program, attests that it understands and will abide by all provisions of JPCO 2-155.10.

All Public Work Projects are required to use the Louisiana Uniform Public Work Bid Form

All prices must be held firm unless an escalation provision is requested in this bid. Jefferson Parish will allow one escalation during the term of the contract, which may not exceed the U.S. Bureau of Labor Statistics National Index for all Urban Consumers, unadjusted 12 month figure. The most recently published figure issued at the time an adjustment is requested will be used. A request must be made in writing by the vendor, and the escalation will only be applied to purchases made after the request is made.

Are you requesting an escalation provision?

YES _____ NO X

MAXIMUM ESCALATION PERCENTAGE REQUESTED _____%

INITIAL BID PRICES WILL REMAIN FIRM THROUGH THE DATE OF _____.

For the purposes of comparison of bids when an escalation provision is requested, Jefferson Parish will apply the maximum escalation percentage quoted by the bidder to the period to which it is applied in the bid. The initial price and the escalation will be used to calculate the total bid price. It will be assumed, for comparison of prices only, that an equal amount of material or labor is purchased each month throughout the entire contract.

DELIVERY: FOB JEFFERSON PARISH

INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES _____ 14-18 months aro

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) _____

THIS SECTION MUST BE COMPLETED BY BIDDER:

FIRM NAME: Technology International, Inc.

ADDRESS: 1331 South International Parkway, Suite 2251, Lake Mary, Florida 32746

CITY, STATE: Florida ZIP: 32746

TELEPHONE: ((407) 359-2373 FAX: ()

EMAIL ADDRESS: tii@tii-usa.com

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: _____
NUMBER: _____
NUMBER: _____
NUMBER: _____

TOTAL PRICE OF ALL BID ITEMS: \$ 1,561,200.00

AUTHORIZED SIGNATURE: _____

RIFAT HABIB
Printed Name

TITLE: BUSINESS DEVELOPMENT EXECUTIVE

SIGNING INDICATES YOU HAVE READ AND COMPLY WITH THE INSTRUCTIONS AND CONDITIONS.

NOTE: All bids should be returned with the BID NUMBER and BID OPENING DATE indicated on the outside of the envelope submitted to the Purchasing Department.

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00144034

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	6.00	EA	<p>PURCHASE OF DIESEL TOWABLE GENERATORS TO POWER UP LIFT STATIONS FOR THE JEFFERSON PARISH DEPARTMENT OF SEWERAGE</p> <p>0001 - Genset Diesel Towable Generator with Paralleling Harness; 50/60Hz, 200KW, Item no. C200D2RE As per submitted specifications</p>	<p>\$ 181,000.00</p>	<p>\$ 1,086,000.00</p>
2	2.00	EA	<p>0002 - Genset Diesel Towable Generator with Paralleling Harness 50/60Hz, 275KW, Item no. C275D2RE As per submitted specifications</p>	<p>\$ 237,600.00</p>	<p>\$ 475,200.00</p>

SPECIFICATIONS
STANDBY GENERATORS
JEFFERSON PARISH
DEPARTMENT OF SEWERAGE
OCTOBER 2023

1. GENERAL:

Bidder shall supply six (6) C200D2RE, Diesel Genset 50/60 Hz 200Kw generators and two (2) C27D2RE, Diesel Genset, 50/60 Hz, 275Kw generators, or approved equal. These units will be used to power up lift stations and pumps stations during emergency events. The units shall be provided by the authorized factory representative for Jefferson Parish, Louisiana, and for the brand being offered. Any bids submitted for manufacturers, other than that is specified, must include in their bid all information needed to fully demonstrate complete compliance with requirements of these specifications. It is the bidder's responsibility to provide adequate information necessary for the complete evaluation of their proposed equipment. Jefferson Parish reserves the right to reject any bids that are incomplete or do not demonstrate that they are equal to the requirements of these specifications. Jefferson Parish shall be the sole judge as to the equality of any alternate manufacturer's offering.

2. C200D2RE, DIESEL GENSET, 50/60 Hz 200kW Unit (OR APPROVED EQUAL)

U.S. EPA NONROAD (PORTABLE) APPLICATION

A. Cummins diesel engines

- U.S. Tier IV Final and EU SIIIa certified Cummins QSB7-G9 engines which meet emissions limits without the use of a Diesel Particulate Filter (DPF).
- Dual speed engine for operation at 50 or 60 Hz.
- Advanced electronic engine controls with integrated after-treatment system provide superior fuel efficiency while reducing emissions.
- High-pressure common rail fuel system shall reduce engine noise and smoke.
- Cummins Direct Flow™, or approved equal, air filtration offering improved air management, longer service life, and easier serviceability.
- 2-stage fuel filtration with optimum particle and water separation Control features.
- PowerCommand® 3.3 with Masterless Load Demand (MLD), or approved equal, technology enables smartly adapting power to match varying load demand. MLD capable generators allow sharing of information among paralleled generator sets.

Controls shall provide precise frequency and voltage regulation, alarm and status message display in one easy to operate customer interface

B. Engine controls

- Oil pressure and coolant temp gauge.
- Fuel level gauge, Diesel Exhaust Fluid (DEF) level gauge and battery voltage gauge.
- Hour meter.
- Engine control module includes remote start capability Stamford, or approved equal, alternators.
- 12-lead reconnectable alternators fitted with voltage selection switch.
- Permanent magnet excitation for improved performance in non-linear load applications.

C. Enclosure

- Camlock distribution panel.
- Sound attenuated, white powder coated lockable enclosure.
- 24-hour fuel tank (75 percent prime) with leak detection sensor.
- Single wall fuel tank with 110% fluid containment basin.
- Transport Canada Tank.
- Roof mounted, single point lift.
- Cooling system rated for 122 °Fahrenheit (50 °Celsius) at 100 percent Standby ambient.
- Complete engine fluid containment reservoir.
- 4 position voltage selector switch (277/480 or 139/240 or 120/208 VAC 3 phase or 120/240 VAC 1 phase).
- Shore power (15 A/120 V) – for coolant heater and battery charger.
- Conveniently located analog gauges and heated Human Machine Interface (HMI) display.
- DEF connections.

D. Engine Specifications

Engine model QSB7-G9.

Alternator data sheet UCIDI274J (208/240/480).

Tier rating Tier IV.

Design 4 cycle, in-line, turbocharged and after-cooled.

Bore 107.0 mm (4.21 in.).

Stroke 124.0 mm (4.88 in.).

Displacement 6.69 L (408 in³).

Cylinder block Cast iron, In-line 6 cylinder.

Battery capacity 2 x 760 cca.

Battery charging alternator 70 Amps.

Starting voltage 24 Volt, negative ground.

Fuel system Direct injection HPCR system.

Fuel filter Dual Spin on fuel filter with water separator.

Air cleaner type 2-stage, dry replaceable element with dust ejector

Lube oil filter type(s) Single spin-on, full flow.

Standard cooling system 122 °Fahrenheit (50 °Celsius) ambient radiator.

UN31A Certified fuel tank.

E. Alternator Specifications

Design Brushless, 4 pole, drip-proof revolving field.

Stator Double layer concentric, 2/3 winding pitch.

Rotor Single bearing, flexible disc.

Insulation system Class H per NEMA MG1-1.65 (208/240/480 VAC).

Standard temperature rise 125/40 °Celsius prime (208/480 VAC).

Exciter type PMG (Permanent Magnet Generator).

Phase rotation A (U), B (V), C (W).

Alternator cooling Direct drive centrifugal blower fan.

AC waveform Total Harmonic Distortion < 1.5 percent no load, < 5 percent non-distorting balance linear load.

Battery Charger.

Telephone Influence Factor (TIF) < 50 per NEMA MG1-22.43.

Telephone Harmonic Factor (THF) < 2 percent.

F. Power Capability Specifications (Assume power factor = 0.80 for 3 phase Amps)

Standby rating

240 V, 1 phase Amps 60 Hz 558

208 V, 3 phase Amps 60 Hz 694

480 V, 3 phase Amps 60 Hz 301

240 V, 3 phase Amps 60 Hz 601A

400 V, 3 phase Amps 50 Hz 310

G. Electrical power panel specifications model voltage 120/480.

120 V duplex receptacles 2 - 20 Amps GFCI.

240 V twist 3 - 50 Amps.

Load lug connection (stud diameter) 1/2 inch.

Load lug circuit breakers 800 Amps.

H. PowerCommand 3.3 Control System

An integrated microprocessor based generator set control system providing voltage regulation, engine protection, alternator protection, operator interface and isochronous governing.

Masterless Load Demand (MLD) – The controller is capable of smartly managing power from paralleled generators to match varying load patterns.

Power management – Control function provides battery monitoring and testing features and smart starting control system.

Advanced control methodology – Three phase sensing, full wave rectified voltage regulation, with a PWM output for stable operation with all load types.

Regulation compliant – Prototype tested: UL, CSA and CE compliant.

Service – InPower™ PC-based service tool available for detailed diagnostics, setup, data logging and fault simulation.

Easily upgradeable – PowerCommand controls are designed with common control interfaces.

Reliable design – The control system is designed for reliable operation in harsh environment.

Operator panel features

Operator/display functions

- Displays paralleling breaker status
- Provides direct control of the paralleling breaker
- 320 x 240 pixels graphic LED backlight LCD
- Auto, manual, start, stop, fault reset and lamp test/panel lamp switches
- Alpha-numeric display with pushbuttons
- Heated HMI
- LED lamps indicating genset running, remote start, not in auto, common shutdown, common warning, manual run mode, auto mode and stop
- Paralleling control functions

- First Start Sensor System selects first genset to close to bus
- Phase Lock Loop Synchronizer with voltage matching
- Sync check relay
- Isochronous kW and kVar load sharing
- Enhanced safety features for paralleling generators
- Alternator data
- Line-to-Neutral and Line-to-Line AC volts
- 3-phase AC current
- Frequency
- kW, kVar, power factor kVA (three phase and total)
- Engine data
- DC voltage
- Lube oil pressure
- Coolant temperature
- Other data
- Fault history
- Data logging and fault simulation (requires InPower)

Standard control functions

- Digital governing
- Integrated digital electronic isochronous governor
- Temperature dynamic governing
- Digital voltage regulation
- Integrated digital electronic voltage regulator
- 3-phase, 4-wire Line-to-Line sensing
- Configurable torque matching
- AmpSentry AC protection
- AmpSentry protective relay
- Over current and short circuit shutdown
- Over current warning
- Single and three phase fault regulation
- Over and under voltage shutdown

- Over and under frequency shutdown
- Overload warning with alarm contact
- Reverse power and reverse Var shutdown
- Field overload shutdown
- Engine protection
- Battery voltage monitoring, protection and testing
- Overspeed shutdown
- Low oil pressure warning and shutdown
- High coolant temperature warning and shutdown
- Low coolant level warning or shutdown
- Low coolant temperature warning
- Fail to start (overcrank) shutdown
- Fail to crank shutdown
- Cranking lockout
- Sensor failure indication
- Full authority electronic engine protection
- Control functions
- Time delay start and cool down
- Real time clock for fault and event time stamping
- Cycle cranking
- Load shed
- Remote emergency stop

I. Trailer information

Model C200D2RE

DOT approved hydraulic brake trailer with heavy duty center mounted jack, pintle hitch, three (3") inch.

Tire size ST235/85R16

Tire type Radial

Load range 2755 lbs – each

Number of tires per trailer 4

Lug pattern – 8 hole

J. Certifications

Generators shall be certified to meet the following standards:

CAN/CSA STD C22.2 NO. 100

CAN/CSA STD C22.2 NO. 14

**3. C275D2RE, DIESEL GENSET, 50/60Hz, 275kW UNIT (OR APPROVED EQUAL)
U.S. EPA NONROAD (PORTABLE) APPLICATION:**

A. Cummins diesel engines

- U.S. Tier IV Final and EU SIIIa certified Cummins QSL9-G9 engines which meet emissions limits without the use of a Diesel Particulate Filter (DPF).
- Dual speed engine for operation at 50 or 60 Hz.
- Advanced electronic engine controls with integrated after-treatment system provide superior fuel efficiency while reducing emissions.
- High-pressure common rail fuel system shall reduce engine noise and smoke.
- Cummins Direct Flow™, or approved equal, air filtration offering improved air management, longer service life, and easier serviceability.
- 2-stage fuel filtration with optimum particle and water separation Control features.

Control Features.

- PowerCommand® 3.3 with Masterless Load Demand (MLD) technology enables smartly adapting power to match varying load demand. MLD capable generators allow sharing of information among paralleled generator sets.
- Controls shall provide precise frequency and voltage regulation, alarm and status message display in one easy to operate customer interface

B. Engine controls

- Oil pressure and coolant temp gauge.
- Fuel level gauge, Diesel Exhaust Fluid (DEF) level gauge and battery voltage gauge.
- Hour meter.
- Engine control module includes remote start capability

Stamford Alternators, or approved equal.

- 12-lead reconnectable alternators fitted with voltage selection switch.
- Permanent magnet excitation for improved performance in non-linear load applications.

Battery Charger.

C. Enclosure

- Camlock distribution panel.

- Sound attenuated, white powder coated lockable enclosure.
- 24-hour fuel tank (75 percent prime) with leak detection sensor.
- Single wall fuel tank with 110 percent fluid containment basin.
- Transport Canada Tank.
- Roof mounted, single point lift.
- Cooling system rated for 122 °Fahrenheit (50 °Celsius) at 100 percent Standby ambient.
- Complete engine fluid containment reservoir.
- 4 position voltage selector switch (277/480 or 139/240 or 120/208 VAC 3 phase or 120/240 VAC 1 phase).
- Shore power (15 A/120 V) – for coolant heater and battery charger.
- Conveniently located analog gauges and heated Human Machine Interface (HMI) display

DEF connections.

D. Engine Specifications

Engine model QSL9-G9.

Alternator data sheet UC DI274J (208/240/480).

Tier rating Tier IV.

Design 4 cycle, in-line, turbocharged and after-cooled.

Bore 114.0 mm (4.5 in.).

Stroke 145.0 mm (5.7 in.).

Displacement 8.9 L (543 ci).

Cylinder block Cast iron, In-line 6 cylinder.

Battery capacity 2 x 760 cca.

Battery charging alternator 70 Amps.

Starting voltage 24 Volt, negative ground.

Fuel system Direct injection HPCR system.

Fuel filter Dual Spin on fuel filter with water separator.

Air cleaner type 2-stage, dry replaceable element with dust ejector

Lube oil filter type(s) Single spin-on, full flow.

Standard cooling system 122 °Fahrenheit (50 °Celsius) ambient radiator.

E. Alternator Specifications

Design Brushless, 4 pole, drip-proof revolving field.

Stator Double layer concentric, 2/3 winding pitch.

Rotor Single bearing, flexible disc.

Insulation system Class H per NEMA MG1-1.65 (208/240/480 VAC).

Standard temperature rise 125/40 °Celsius prime (208/480 VAC).

Exciter type PMG (Permanent Magnet Generator).

Phase rotation A (U), B (V), C (W).

Alternator cooling Direct drive centrifugal blower fan.

AC waveform Total Harmonic Distortion < 1.5 percent no load, < 5 percent non-distorting balance linear load.

Telephone Influence Factor (TIF) < 50 per NEMA MG1-22.43.

Telephone Harmonic Factor (THF) < 2 percent.

F. Power Capability Specifications (Assume power factor = 0.80 for 3 phase Amps)

Standby rating

240 V, 1 phase Amps 60 Hz 770

208 V, 3 phase Amps 60 Hz 954

480 V, 3 phase Amps 60 Hz 413

240 V, 3 phase Amps 60 Hz 826

400 V, 3 phase Amps 50 Hz 424

G. Electrical power panel specifications model voltage 120/480.

120 V duplex receptacles 2 - 20 Amps GFCI.

240 V twist 3 - 50 Amps.

Load lug connection (stud diameter) 1/2 inch.

Load lug circuit breakers 1200 Amps.

H. PowerCommand 3.3 Control System

An integrated microprocessor based generator set control system providing voltage regulation, engine protection, alternator protection, operator interface and isochronous governing.

Masterless Load Demand (MLD) – The controller shall be capable of smartly managing power from paralleled generators to match varying load patterns.

Power management – Control function provides battery monitoring and testing features and smart starting control system.

Advanced control methodology – Three phase sensing, full wave rectified voltage regulation, with a PWM output for stable operation with all load types.

Regulation compliant – Prototype tested: UL, CSA and CE compliant.

Service – InPower™ PC-based service tool available for detailed diagnostics, setup, data logging and fault simulation.

Easily upgradeable – PowerCommand controls shall be designed with common control interfaces.

Reliable design – The control system shall be designed for reliable operation in harsh environment.

Operator panel features

Operator/display functions

- Displays paralleling breaker status
- Provides direct control of the paralleling breaker
- 320 x 240 pixels graphic LED backlight LCD
- Auto, manual, start, stop, fault reset and lamp test/panel lamp switches
- Alpha-numeric display with pushbuttons
- Heated HMI
- LED lamps indicating genset running, remote start, not in auto, common shutdown, common warning, manual run mode, auto mode and stop

Paralleling control functions

- First Start Sensor System selects first genset to close to bus
- Phase Lock Loop Synchronizer with voltage matching
- Sync check relay
- Isochronous kW and kVar load sharing
- Enhanced safety features for paralleling generators

Alternator data

- Line-to-Neutral and Line-to-Line AC volts
- 3-phase AC current
- Frequency
- kW, kVar, power factor kVA (three phase and total)

Engine data

- DC voltage
- Lube oil pressure
- Coolant temperature

Other data

- Fault history
- Data logging and fault simulation (requires InPower)

Standard control functions

- Digital governing
- Integrated digital electronic isochronous governor
- Temperature dynamic governing

Digital voltage regulation

- Integrated digital electronic voltage regulator
- 3-phase, 4-wire Line-to-Line sensing
- Configurable torque matching

AmpSentry AC protection

- AmpSentry protective relay
- Over current and short circuit shutdown
- Over current warning
- Single and three phase fault regulation
- Over and under voltage shutdown
- Over and under frequency shutdown
- Overload warning with alarm contact
- Reverse power and reverse Var shutdown
- Field overload shutdown

Engine protection

- Battery voltage monitoring, protection and testing
- Overspeed shutdown
- Low oil pressure warning and shutdown
- High coolant temperature warning and shutdown
- Low coolant level warning or shutdown
 - Low coolant temperature warning
- Fail to start (overcrank) shutdown
- Fail to crank shutdown
- Cranking lockout

- Sensor failure indication
- Full authority electronic engine protection
- Quick Fit Kit

Control functions

- Time delay start and cool down
- Real time clock for fault and event time stamping
- Cycle cranking
- Load shed
- Remote emergency stop

I. Trailer information

Model C275D2RE

DOT approved electric brake trailer with heavy duty center mounted jack, pintle hitch three (3") inch.

Tire size ST235/85R16

Tire type Radial

Load range E – each

Number of tires per trailer 8

Lug pattern – 8 x6.5

J. Certifications

Generators shall be certified to meet the following standards:

CAN/CSA STD C22.2 NO. 100

CAN/CSA STD C22.2 NO. 14

WARRANTY:

Generators shall carry manufacturer's warranty of Industrial Mobile Base, Prime 3 years/3000 hours.

Non-Public Works Bid Affidavit Instructions

- **Affidavit is supplied as a courtesy to Affiants, but it is the responsibility of the affiant to insure the affidavit they submit to Jefferson Parish complies, in both form and content, with federal, state and parish laws.**
- **Affidavit must be signed by an authorized representative of the entity or the affidavit will not be accepted.**
- **Affidavit must be notarized or the affidavit will not be accepted.**
- **Notary must sign name, print name, and include bar/notary number, or the affidavit will not be accepted.**
- **Affiant MUST select either A or B when required or the affidavit will not be accepted.**
- **Affiants who select choice A must include an attachment or the affidavit will not be accepted.**
- **If both choice A and B are selected, the affidavit will not be accepted.**
- **Affidavit marked N/A will not be accepted.**
- **It is the responsibility of the Affiant to submit a new affidavit if any additional campaign contributions are made after the affidavit is executed but prior to the time the council acts on the matter.**

Instruction sheet may be omitted when submitting the affidavit

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B _____ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



Signature of Affiant

RIFAT HABIB

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 21 DAY OF DECEMBER, 2023.



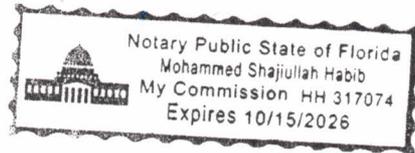
Notary Public

SHAJI HABIB

Printed Name of Notary

HH 37074

Notary/Bar Roll Number



My commission expires 10/15/26.



Technology International, Inc.
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Lake Mary, FL 32746 USA
Tel: +1 (407) 359-2373
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E-mail: tii@tii-usa.com
Website: www.tii-usa.com

Corporate Resolution

A meeting of the Board of Directors of Technology International, Inc. a corporation organized under the laws of the State of Florida and domiciled in was held this 1st day of January, 2021 and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

Be It Resolved, that Rifat Habib, Business Development Executive, is hereby authorized to submit proposals, execute agreements, and bind the company on behalf of said corporation.

Be it Further Resolved, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors.

I, Uzma Habib, hereby certify that I am the Secretary of Technology International, Inc., a corporation created under the laws of the State of Florida domiciled in Florida; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the 1st day of January, 2021 as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This 1st day of January, 2021

A handwritten signature in cursive script, appearing to read "Uzma Habib", written in black ink.

Uzma Habib
Secretary and Corporate Officer



Technology International, Inc.
 1331 South International Pkwy, Suite 2251
 Lake Mary, FL 32746
 Tel: (407) 359-2373
 Fax: (407) 359-2372
 E-mail: tii@tii-usa.com
 Website: www.tii-usa.com

Equipment Proposal

Title: Diesel Towable Generators
Bid #: 50-00144034
Agency: Jefferson Parish Purchasing Department
TII Ref: TII/LA/1223/34025
Date: 12/21/2023

In response to your quote request for Diesel Towable Generators, Technology International, Inc. is pleased to submit the following for consideration:

ITEM NO.	QTY	DESCRIPTION/ MODEL NO.	UNIT PRICE	EXTD. PRICE
1	6	C200D2RE, Diesel Genset, 50/60Hz, 200kW, Standby-Mobile U.S. EPA, Nonroad (Portable) Application C200D2RE, Diesel Genset, 50/60 Hz, 200kW, Standby-Mobile Duty Rating - Prime Power (PRP) Emissions - Compliance EPA Tier 4 Final Certified Voltage 208 - 480 Variable Alternator - 60Hz, 208/416 - 240/480 Volt, 125/80C Standby/Prime Hydraulic Brake Trailer Pintle Hitch - 3 inch UN31A Certified Fuel Tank Generator Set Control - PowerCommand 3.3, Paralleling with MLD Distribution Panel - Bus Bar Connection Packaging - Cummins Power Generation Genset Warranty - Industrial Mobile Base, Prime 3 Years/3000 hours Battery Charger Cam Lock Distribution Panel - U.S. Harness, Paralleling Auxiliary DEF Connections	181,000.00	1,086,000.00
2	2	C275D2RE, Diesel Genset, 50/60Hz, 275kW, Standby-Mobile U.S. EPA, Nonroad (Portable) Application	237,600.00	475,200.00

	C275D2RE, Diesel Genset, 50/60 Hz, 275kW, Standby-Mobile PRODUCT REVISION-F Duty Rating - Prime Power (PRP) Emissions - Compliance EPA Tier 4 Final Certified Voltage 208 - 480 Variable Alternator - 60Hz, 208/416 - 240/480 Volt, 125/80C Standby/Prime Electric Brake Trailer Pintle Hitch - 3 inch UN31A Certified Fuel Tank Generator Set Control - PowerCommand 3.3, Paralleling with MLD Distribution Panel - Bus Bar Connection Packaging - Cummins Power Generation Genset Warranty - Industrial Mobile Base, Prime 3 Years/3000 hours Battery Charger Quick Fit Kit Harness, Paralleling Auxiliary DEF Connections Cam Lock Distribution Panel - U.S.		
See attached data sheets			
<u>Total.....\$1,561,200.00</u>			

Warranty: Manufacturer's Standard warranty applies.

Delivery:

- Estimated delivery is **14-18 months** after receipt of order and approved submittal.
- Please note, due to COVID-19 there may be unanticipated disruptions and delays in the supply chains globally, for parts, components, equipment and internal manufacturing services such as engineering, production allocation, and logistics. This may result in manufacturing & delivery delays out of our control. We will do our best to communicate all such impacts and reduce the effects of any such delays.
- All delivery dates quoted are subject to manufacturer's confirmation at time of order.
- Submittal data will be provided for approval after receipt of order (if applicable)
- Customer to provide equipment and personnel to unload
- TII will provide MSO at time of payment confirmation. Customer is responsible for all titling and registration of trailer (If Applicable)

Freight: Included to Gretna, LA 70053

Quote Validity: 30 days.

Payment Terms: NET 30

Prompt Payment discount: 1/4 % 10 days

***** Notes:**

- Quoted price is not available on a line item basis. This is an offer for a lump sum contract.

Technology International, Inc. Corporate data:

We are a small business and our Tax Payer Identification Number (TIN): 650342335. The above price quoted does not include any sales, excise or similar taxes.

We trust that this proposal will meet your requirements and we look forward to hearing from you.

If you have any questions or need more information, please contact us by phone at 407-359-2373, fax at 407-359-2372 or email us at tii@tii-usa.com

Respectfully submitted,

RIFAT HABIB

Rifat Habib
Business Development Executive
Technology International, Inc.