

PURCHASING DIVISION
 CITY OF WORCESTER
 MASSACHUSETTS 01608-1895
 ROOM 201 – 455 MAIN STREET
 PHONE (508) 799-1220

SEALED BID INVITATION
 (Supplies, Material, Equipment, Services)

AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

Bidders must state and identify the product offered, such as manufacturer's name, trade name, brand name and quality next to each item. **WE MUST KNOW WHAT HAS BEEN OFFERED**. By virtue of the offeror's signature below, proposer certifies that the product (s) or service (s) bid are in compliance with the City's terms, conditions and specifications in all aspects.

COMPLETE ORIGINAL COPY (including ALL pages) OF THIS BID MUST BE SUBMITTED IN A SEALED ENVELOPE:

DATE: JANUARY 7, 2025 TIME: 10:00 A.M. LOCAL TIME

PLACE: Purchasing Division, Room 201, City Hall, Worcester, Massachusetts

MARK SEALED ENVELOPE: "Sealed Bid No. 8617-M6 Used Generator – Olean St Pumping Station / DPW"

The name and address of the bidder must appear in the upper left-hand corner of the envelope. The City of Worcester is not responsible for bids not properly marked.

All bids received will be publicly opened and read in the Bid Room, City Hall at date and time shown above. **NO BID WILL BE ACCEPTED AFTER TIME AND DATE SPECIFIED**

BIDDER TO COMPLETE ITEMS BELOW

Item No.	QTY	Description	Mfg.	Model	Unit Price	Total Price
		<p>Furnish and deliver a used generator per the attached specifications and requirements of the City of Department of Public Works</p> <p>Questions pertaining to this bid MUST be directed to Stephen R. McDonald via e-mail at mcdonalds@worcesterma.gov</p>				See attached pricing page

ABOVE ARE FOR (DEPT.) <u>DPW</u>	BIDDER _____
DELIVERY TO BE F.O.B. (LOCATION) <u>Olean St Pumping Station</u>	ADDRESS _____
DELIVERY IS REQUIRED BY: (DATE) <u>WITHIN 6 WEEKS ARO</u>	CITY/TOWN _____
BIDDER TO SPECIFY:	STATE _____ ZIP _____
DELIVER _____ DAYS FROM DATE OF ORDER _____	AUTHORIZED SIGNATURE _____
PROMPT PAY DISCOUNT: _____ % 30 DAYS, NET 45 DAYS	TITLE _____ TEL.: _____
	DATE: _____
	EMAIL: _____

CONDITIONS

- 1) Prompt pay discounts will be considered when determining the low bid except when discounts are for a period of less than 30 days. In this event discounts will not be taken into consideration when determining low bid.
- 2) Time, in connection with discount offered, will be computed from date of completion and/or delivery and acceptance at destination, or from date correct bill or voucher properly certified by the contractor is received if the latter date is later than the date of completion and acceptance and/or delivery and acceptance.
- 3) As the City of Worcester is exempt from the payment of Federal Excise Taxes, and Massachusetts Sales Tax, prices quoted herein are not to include these taxes.
- 4) **All prices are to be firm F.O.B. Delivered Destination, City of Worcester, Massachusetts, unless otherwise indicated by the City. Time reserved for award is ninety days.**
- 5) In case of error in the extension prices quoted herein, the unit price will govern.
- 6) It is understood and agreed that should any price reductions occur between the opening of this bid and completion of any delivery of any order, the benefit of all such reductions will be extended to the City.
- 7) The City of Worcester reserves the right to reject any and all bids, wholly or in part, and to make awards in a manner deemed in the best interest of the City.
- 8) Awards will be made to the bidder quoting the lowest net price in accordance with specifications.
- 9) The bidder to who a contract is awarded guarantees to the City of Worcester all equipment, materials and/or workmanship for a period of one (1) year after final inspection and acceptance and shall replace promptly any defective equipment, materials and/or workmanship required without additional cost to the City.
- 10) It is understood and agreed that in the event of failure on the part of the bidder to indicate date of delivery and/or completion, delivery and/or completion will be made within twelve (12) days from date of purchase.
- 11) The Bidder must certify that no official or employee of the City of Worcester, Massachusetts is pecuniarily interested in this quotation or in the contract which the bidder offers to execute or in expected profits to arise therefrom, unless there has been compliance with provisions of G.L. C.43 Sec. 27, and that this quotation is made in good faith without fraud or collusion or connection with any other person submitting a quotation.
- 12) This inquiry implies no obligation on the part of the buyer, City of Worcester, Mass. Quotations will not be considered unless returned on this form. Your proposal should be forwarded to the office of the Purchasing Department, City of Worcester in a sealed envelope, plainly marked: "Quotation on (item requested)" - also, please show Bid Number.
- 13) It is understood and agreed that it shall be a material breach of any contract resulting from this bid for the Contractor to engage in any practice which shall violate any provisions of Massachusetts General Laws, Chapter 151B, relative to discrimination in hiring, discharge, compensation, or terms, conditions or privileges of employment because of race, color, religious creed, national origin, sex, age or ancestry.
- 14) Any prospective bidder requesting a change in or interpretation of existing specifications of terms and conditions must do so within five (5) days (Saturdays, Sundays and Holidays excluded) BEFORE scheduled bid opening date. All requests are to be in writing (e-mailed to MCDONALDS@worcesterma.gov) to the Purchasing Department. No changes will be considered or any interpretation issued unless request is in our hands within five (5) days (Saturdays, Sundays and Holidays excluded) BEFORE scheduled bid opening date.
- 15) Bids which are incomplete, not properly endorsed, or signed, or otherwise contrary to these instructions may be rejected as informal by the Purchasing Agent. CONDITIONAL BIDS WILL NOT BE ACCEPTED.

CERTIFICATE OF GOOD FAITH FORM AS REQUIRED BY M.G.L. c. 30B

UNDER MASSACHUSETTS GENERAL LAWS, CHAPTER 30B: SECTION 10, THE FOLLOWING CERTIFICATION MUST BE PROVIDED:

Section 10. A person submitting a bid or a proposal for the procurement or disposal of supplies, or services to any governmental body shall certify in writing, on the bid or proposal, as follows:

" The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals."

(Please Print) _____
Name of Person Signing Bid

Signature of Person Signing Bid

Company

No award will be made without vendor certification of the above.

IMPORTANT NOTICE TO BIDDERS:

BIDDERS ARE ADVISED NOT TO TAKE ANY EXCEPTIONS TO THE CITY'S TERMS & CONDITIONS.

BIDS THAT INCLUDE COMPANY TERMS & CONDITIONS WHICH CONFLICT WITH THOSE OF THE CITY MAY BE REJECTED.

Questions pertaining to this bid must be submitted to Stephen R. McDonald via email at
mcdonalds@worcesterma.gov

SPECIFICATIONS:

The City of Worcester's Department of Public Works is seeking to purchase a used, chassis mounted generator to supply reliable backup power to the Olean Street Drinking Water Pump Station in Worcester, MA. The seller will only be required to furnish and deliver the unit. Installation of electrical connections to the pump station will not be required of the seller. The unit must meet the specifications listed below to be considered.

General Specifications

- Used Unit
- Not to exceed 6,500 Hours of runtime
- Unit must be a 2013 or newer model
- Standby 795 kW
- Prime 725 kW
- 60HZ 1800RPM
- 480/277V Voltage
- Containerized and on a wheeled chassis

DESIGN CRITERIA

- Accepts 100% rated load in one step per NFPA 110 and meets ISO 8528-5 transient response
- CSA Approved

ENGINE

- Diesel Engine
- Reliable, rugged, durable design
- EPA approved Tier 4 heavy duty diesel engine
- Heavy duty air cleaner with pre-cleaner and service indicator
- 65-Amp charging alternator
- Fuel filters - Duplex primary with integral water separator and change-over valve, engine mounted secondary filter
- Fuel cooler and electric priming pump
- Jacket water heater (6kW)
- Electronic controls
- 24V electric starting motors with battery rack and cables

GENERATOR

- SR4B, three-phase, brushless, salient pole, 0.6667 pitch, permanent magnet excited, Class H insulation
Anti-condensation heaters (120V, 600V)
- 12-lead design, with voltage changeover link board
- Digital Voltage Regulator, DVR with VAR/PF control
- UL 1446 Recognized Class H insulation

DIGITAL VOLTAGE REGULATOR

- Three-phase sensing
- Generator mounted
- Adjustable volts-per-hertz regulation
- Precise control, block loading, and constant voltage in the normal operating range
- RFI suppression, exciter limiter and exciter diode monitoring

CONTAINER

- ISO high cube container
- ISO container chassis with anti-lock brake system
- Sound attenuated air intake louvers and lockable personnel doors with panic release
- Interior walls and ceilings insulated with 100 mm of acoustic paneling
- Floor of container insulated with acoustic glass and covered with galvanized steel
- Sound attenuated 74 dB(A)@ 7m
- Side bus bar access door, external access load connection bus bars
- Shore power connection via distribution block connections for jacket water heater, battery charger, and generator condensate heaters
- Lighting, at least one single duplex service receptacle, external emergency stop push buttons
- >1,000 gal fuel tank, UL listed, double wall, 24 hr runtime@75% prime +10% rating
- External lockable connections for fuel
- Spill containment 110% of all engine fluids
- Fuel transfer system and controls
- Two oversized maintenance-free batteries, battery rack and 20-Amp battery charger, and solar powered battery maintainer

COOLING

- Standard cooling provides 43° C ambient capability at prime +10% rating
- Vertically mounted radiator, with vertical air discharge from the container
- Coolant drain line with internal valve
- Coolant sight gauge, level switch and shutdown
- 50/50 Ethylene Extended Life Glycol

GENSET CONTROLS AND PROTECTION

- EMCP 4.4 genset mounted controller
- Protection Automatic start/stop with cool down timer
- Generator Protection features: 32, 46, 50/51, 27/59, 81 O/U, and phase sequence
- Utility multi-function relay protection features: 25, 27/59, 32, 47, 402, 51, 51 N, 60FL, 810,
- 3000A electrically operated generator circuit breaker
- Metering display: voltage, current, frequency, power factor, kW, WHM, kVAR, and synchroscope
- External emergency stop pushbutton located near access door

CIRCUIT BREAKER

- 3000A fixed type, 3 poles, genset mounted, electrically operated, insulated case circuit breaker
- Solid state trip unit for overload (time overcurrent) and fault (instantaneous) overcurrent protection
- 100 KA-interrupting capacity at 480 VAC
- Under-voltage release

BUS BARS

- Three phase, plus full rated neutral, tin-plated copper with NEMA standard hole pattern for connection of load cables and generator cables
- Ground studs for connection to the generator frame ground and field ground cable

Used Generator – Olean St Pumping Station / WPD

BID #: 8617-M6

PRICING SHEET

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	EXTENDED PRICE
1	Generator, Used; as specified	1	\$	\$
TOTAL:				\$

TERMS, PROMPT PAY DISCOUNT _____ % 30 DAYS, NET 45 DAYS.

DELIVERY AND/OR COMPLETION TO BE MADE WITHIN 6 WEEKS OF PURCHASE ORDER.

NAME OF BIDDER _____