



# City of Republic - Invitation for Bid

## Generator for new Republic BUILDS Building

**SEALED BIDS MUST BE PHYSICALLY RECEIVED AT REPUBLIC CITY HALL PRIOR TO 3:15 P.M. on Monday, April 21, 2022.** Bids will be opened by the City at Republic City Hall on Monday, April 21, 2022, at 3:15 p.m.

BIDS SHOULD BE ADDRESSED AS FOLLOWS:

**City of Republic  
c/o City Clerk, Laura Burbridge  
213 N. Main Avenue  
Republic, MO 65738**

Bids must be submitted on the forms provided and must be manually signed by the individual authorized to legally bind the bidder.

- Bids shall be submitted with the **Invitation for Bid (IFB) project name or item clearly indicated on the outside of the mailing envelope.**
- Bids received after the opening date and time will be rejected.
- The attached Terms and Conditions shall become part of any purchase order resulting from this bid.
- FAXED/EMAILED BIDS WILL NOT BE ACCEPTED.
- You are invited to submit your bid to furnish the materials and/or services described herein. Please submit your prices/fees net of all discounts.
- Bids will be taken to City Council for approval on **Tuesday May 3, 2022**. Notice to proceed shall follow immediately upon and following approval granted by City Council.

### DESCRIPTION

The City of Republic is seeking bids for the furnishing of a generator, including delivery and installation, with the following specifications:

**Quantity 1 – industrial diesel engine driven generator**, consisting of the following features and accessories:

- 500kW Rating, synchronous alternator, wired for 277/480 VAC three Phase, 60 HZ
- Permanent magnet excitation
- 1% voltage regulation
- H-100 Control Panel
- Meets NFPA 99 and 110 requirements
- Temp Range -40 to 70 degrees C
- Digital microprocessor
- Two 4 line x 20 displays, full system status
- 3 phase sensing digital voltage regulation
- RS232, RS485 and Canbus remote ports

- Waterproof connections
- All engine sensors are 4-20ma for minimal interference
- Programmable I/O
- Built-in PLC for special applications
- Engine function monitoring and control
- Full range standby operation? Programmable auto crank, Emergency Stop, Auto-Off-Manual switch
- Isochronous governor
- Full system status on all AC output and engine function parameters
- Service reminders, trending, fault history (alarm log)
- 12T function for full generator protection
- Selectable low-speed exercise
- HTS transfer switch function monitoring and control
- 2-wire start controls for any 2-wire transfer switch
- Electronic governor Frequency regulation, isochronous Steady state regulation +/-0.25%
- 800A UL mainline circuit breaker, 80% rated thermal magnetic
- Weather protective enclosure
- Industrial Grey Enclosure, powder paint finish
- Integral critical grade muffler
- 110AH, GRP 31, 925 CCA battery-w/rack installed
- 10A Battery charger-installed
- Battery charging alternator
- Battery cables
- Battery tray
- Fuel shut-off solenoid valve
- Solenoid activated starter motor
- Fuel filter
- Air cleaner
- Oil and antifreeze
- Oil and radiator drain extensions
- Vibration isolators between engine/alternator and base frame
- Standard flex exhaust
- Block heater 1500W
- 24hr run time at 100% load DW Basetank – STD fuel Level Sender w/fuel level indication UL approved
- Emergency Vent
- Fuel fill pipe extension kit-13"
- Standard set of 3 manuals

**Inquiries** - All inquiries for information should be directed to:

**Garrett Brickner            (417) 732-3405**

It is the City's intent that this Invitation for Bid promotes competitive bidding. To the extent any language, requirements, terms and/or requests contained within this Invitation for Bid results in the elimination of all but one source for bidding, such restriction and/or limitation is merely an unintentional error. In the event of such error, the Vendor(s) must notify the City of the error, in writing, no later than three (3) days prior to the bid opening day. Upon receipt of any such notice from the Vendor(s), the City will take reasonable efforts to correct the error and resubmit the Invitation for Bid once corrected. Such notification must be submitted in writing and must be received by the City contact listed above not later than three (3) days prior to the bid opening day.