



## NOTICE OF A REGULAR MEETING

Notice is hereby given that a Regular Meeting of the Governing Body of the City of Ranger, Texas, will be held on **Monday, September 11, 2023 at 5:30 p.m.** in City Hall, 400 West Main Street Ranger, Texas. The following subjects will be discussed, to wit:

**Agenda Item 01: Call to Order-** Mayor Robinson

Roll Call/Quorum Check  
Invocation of Prayer  
Pledge of Allegiance to the United States Flag  
Pledge of Allegiance to the Texas Flag

**Agenda Item 02: Citizen's Presentation-**At this time, anyone on the list will be allowed to speak on any matter other than personnel matters or matters under litigation, for a length of time not to exceed THREE minutes. No Council/Board discussion or action may take place on a matter until such matter has been placed on an agenda and posted in accordance with law.

**Agenda Item 03:** Announcements from City Council or Staff-Comments may be made by council or staff, **BUT NO ACTION TAKEN** on the following topics without specific notice. Those items include: Expressions of Thanks, Congratulations or Condolence; Information on Holiday schedules; Recognition of public officials, employees or citizens other than employees or officials whose status may be affected by the council through action; Reminders of community events or announcements involving an imminent threat to the public health and safety of the people of the municipality.

**Agenda Item 04: Discuss/Consider:** approval of the city council meeting minutes for the regular meeting on August 28, 2023.

**Agenda Item 05: Discuss/Consider:** approving the use of hotel motel tax funds for advertising and signage for the Roaring Ranger Day 2-day event. - Ken Charman, Ranger Citizen Task Force

**Agenda Item 06: Discuss/Consider:** purchase of generators through WCTCOG (West Central Texas Council of Governments) grant.

**Agenda Item 07: Discuss/Consider:** approval for the annual renewal of the Provision of Services Agreement with Eastland County Crisis Center.

**Agenda Item 08: Discuss/Consider:** FIRST READING OF ORDINANCE NO. 2023-09-25-B: AN ORDINANCE OF THE CITY OF RANGER, TEXAS ADOPTING A BUDGET FOR THE ENSUING FISCAL YEAR BEGINNING OCTOBER 1, 2023, AND ENDING SEPTEMBER 30, 2024; APPROPRIATING THE VARIOUS AMOUNTS THEREOF, AND REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT THEREWITH; AND PROVIDING FOR AN EFFECTIVE DATE.

**Agenda Item 09: Discuss/Consider:** FIRST READING OF ORDINANCE NO. 2023-09-25-C: AN ORDINANCE OF THE CITY OF RANGER, TEXAS, SETTING THE TAX LEVY FOR THE YEAR 2023 ON ALL TAXABLE REAL AND PERSONAL PROPERTY LOCATED IN THE CITY OF RANGER, TEXAS; PROVIDING FOR PENALTY, INTEREST, AND ADDITIONAL PENALTY ON TAXES NOT TIMELY PAID AND PROVIDING OTHER MATTERS RELATING TO THE SUBJECT.

**Agenda Item 10: Discuss/Consider:** FIRST READING OF ORDINANCE NO. 2023-09-25-D: AN ORDINANCE OF THE CITY OF RANGER, TEXAS REPEALING AND REPLACING ORDINANCE NO. 120803-1; ADOPTING REGULATIONS CONCERNING JUNKED VEHICLES WITHIN THE CITY; PROVIDING FOR NOTICE AND ABATEMENT; PROVIDING PROVISIONS REGARDING ABANDONED MOTOR VEHICLES; PROVIDING FOR ABATEMENT BY OWNER OR CITY; PROVIDING A PENALTY; PROVIDING SEVERABILITY AND REPEALER CLAUSES; AND PROVIDING AN EFFECTIVE DATE.

**Agenda Item 11: Discuss/Consider:** FIRST READING OF ORDINANCE NO. 2023-09-25-E: AN ORDINANCE BY THE CITY COMMISSION OF THE CITY OF RANGER, TEXAS, AMENDING THE CITY'S EXISTING ORDINANCES BY AMENDING AND ESTABLISHING FEES FOR CERTAIN LICENSES, PERMITS, AND OTHER SERVICES PROVIDED BY THE CITY OF RANGER; INCLUDING FINDINGS OF FACT AND PROPER NOTICE AND HEARING; REPEAL PREVIOUS ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT WITH THIS ORDINANCE; PROVIDING A PENALTY CLAUSE; PROVIDING SEVERABILITY CLAUSE; EFFECTIVE DATE AND OPEN MEETING CLAUSES; AND PROVIDING FOR RELATED MATTERS.

**Agenda Item 12: Discuss/Consider:** city clean-up and reporting.

**Agenda Item 13: Discuss/Consider: Consent Items; the Approval of Monthly Department Reports:**

- **Finance Report-** Director Carol Stephens
- **Library Report-** Librarian Diana McCullough
- **REDC 4A Report-** Marla Tovar, President
- **REDC 4B Report-** Marla Tovar, President
- **Municipal Court Report-** Judge Tammy Archer
- **Fire/EMS Report-** Chief Darrel Fox
- **Police Department-** Chief Moran
- **Animal Control/Code Enforcement-** Trace Douglas
- **Public Works Report-** Steven Burch

**Agenda Item 14: Discuss/Consider: Adjournment**

I, the undersigned authority, do hereby certify that the above notice of meeting of the Governing Body of the City of Ranger is a true and correct copy of said notice on the bulletin board at the City Hall of the City of Ranger, a place convenient and readily available to the general public at all times, and notice was posted by 5:30 p.m., September 8, 2023 and remained posted for 72 hours preceding the scheduled time of the meeting.

*Somer Lee*

Somer Lee, City Secretary

The City council reserves the right to convene into Executive Session concerning any of the items listed on this agenda under the authority of the mayor, whenever it is considered necessary and legally justified under the Open Meetings Act.

NOTICE OF ASSISTANCE

Ranger City Hall and Council Chambers are wheelchair accessible and accessible parking spaces are available. Request for accommodation or interpretive services must be made 48 hours prior to this meeting. Please contact City Secretary's office at (254) 647-3522 for information or assistance.

This Notice was removed from the outside bulletin board on \_\_\_\_\_ by \_\_\_\_\_.



## REGULAR MEETING MINUTES

A Regular Meeting of the Governing Body of the City of Ranger, Texas, was held on **Monday, August 28, 2023 at 5:30 p.m.** in City Hall, 400 West Main Street Ranger, Texas. The following subjects were discussed, to wit:

### **COUNCIL MEMBERS AND CITY STAFF PRESENT:**

Honorable Terry Robinson	Mayor
Commissioner Joe Sigler	Place 1
Commissioner Kevan Moize	Place 2
Commissioner Wendy Erwin	Place 3
Commissioner Samantha McGinnis	Place 4
City Manager Savannah Fortenberry	
City Secretary Somer Lee	
Honorable Tammy S. Archer	

### **Agenda Item 01: Call to Order- Mayor Robinson**

Roll Call/Quorum Check- City Secretary, Somer Lee  
Invocation of Prayer- Mayor Robinson  
Pledge of Allegiance to United States Flag- Mayor Robinson  
Pledge of Allegiance to Texas Flag- Mayor Robinson

**Agenda Item 02: Citizen's Presentation:** **1.** Brian Rogers announced that he has noticed several improvements throughout the city due to Code Enforcement. He also requested that there be an update on the next agenda for the dangerous buildings as well as the water loss report for the city. **2.** Robin Russel stated that there was an open records request made to the city in regards to fees paid to the city attorney, and that she felt that the city was hoping to keep the records from the public rather than being upfront about the money that the city has spent. **3.** Wayne White expressed that he was a former band director in Ranger and has always been supportive of the town. He also stated that he felt that the city was bypassing plans and have no intentions of bringing revenue to the city. Mr. White also stated that the town has changed since he was here teaching and that it recently seems that the City of Ranger does not have a plan and does not want one. **4.** Jared Calvert addressed each commissioner by name regarding their time as a commissioner. **5.** Wayne Bissett stated that he was not from Ranger, but involved in aircraft education for kids and 14 months ago he was planning on educating at the Ranger Airfield. He proclaimed that the city was on the verge of a real mess up.

**Agenda Item 03: Announcements from City Council or Staff-** **1.** City Manager, Savannah Fortenberry, announced the closing of city hall on September 4, 2023 in observance of Labor Day. Ms. Fortenberry also informed that the city is still in stage 2 of the drought contingency plan, a 20% of daily water usage is necessary and encourages all residents to conserve as much as possible.

**Agenda Item 04: Discuss/Consider:** approval of the city council meeting minutes for the regular meeting on August 14, 2023 and called meeting on August 21, 2023.

\*Motion made by Commissioner Erwin to approve the minutes for the regular meeting on August 14, 2023 and the called meeting on August 21, 2023, the motion was 2<sup>nd</sup> by Commissioner Sigler. **All Ayes and Motion Passed.**

**Agenda Item 05: Discuss:** CDV21-0298 valve and hydrant project update.

\*City Manager, Savannah Fortenberry, informed that the valve and hydrant project started July 11<sup>th</sup> and was completed August 18<sup>th</sup>, 2023. The clean-up process has begun and will update once this is complete as well. Ms. Fortenberry also stated that there were 20 valves and 15 hydrants installed. **No Action Taken.**

\*Motion made by Commissioner Moize to approve Resolution No. 2023-071062 and 2<sup>nd</sup> by Commissioner Erwin. **All Ayes and Motion Passed**

**Agenda Item 06: Discuss/Consider:** An Ordinance of the City of Ranger, Texas, closing, abandoning, and conveying a portion of street right-of-way commonly known as Young Street and Dorsey Avenue West of Terrell Avenue and certain adjacent alleyways; authorizing conveyance to abutting property owners in proportion to abutting ownership; and providing for related matters.

\*Kevin Combs, requestor, withdrew his request. **No Action Taken.**

**Agenda Item 07: Discuss/Consider:** a draft ordinance of the City of Ranger, Texas repealing and replacing Ordinance No. 120803-1; adopting regulations concerning junked vehicles within the city; providing for notice and abatement; providing provisions regarding abandoned motor vehicles; providing for abatement by owner or city; providing a penalty; providing severability and repealer clauses; and providing an effective date.

\*City Manager, Savannah Fortenberry, stated to review the draft and present any changes, etc. prior to the next meeting. At the next meeting, this would be a first reading. **No Action Taken.**

**Agenda Item 08: Discuss:** approving a proposed draft budget for fiscal year 2023-2024.

\*City Manager, Savannah Fortenberry, announced that majority of the changes requested at the previous meeting had been made, including fuel cost, municipal fines revenue, legal hire, and reduced capital improvements in sewer. She explained that the exact cost for each employee raise is listed on the budget sheet totaling \$36,706.06. Commissioner Erwin questioned the police department budget as to why a new vehicle would be purchased out of General Fund and not the Lease account. Commissioner Moize stated that he would like to see a reduction in the cost of water from ECWSD. He also stated that he would like to see an adjustment increasing the cost of living raises for employees, more than one street project for the fiscal year, and more grants for water. Commissioner Moize mentioned the fee schedule not supporting tax subsidy entities and would like it brought to the next meeting to be reviewed.

\*Motion made by Commissioner Moize to approve the proposed draft budget for fiscal year 2023-2024 with said adjustments and 2<sup>nd</sup> by Commissioner Sigler. **All Ayes and Motion Passed.**

**Agenda Item 09: Discuss/Consider:** approving the Republic Services sanitation contract.

\*Motion made by Commissioner Sigler to approve the Republic Services sanitation contract and 2<sup>nd</sup> by Commissioner McGinnis. **All Ayes and Motion Passed.**

**Agenda Item 10: Discuss/Consider:** approving Resolution No. 2023-08-28-S: a resolution by the City Council of the City of Ranger, Texas, to enter into an agreement with the State of Texas through the Texas Department of Transportation for the temporary closure of the State Highway 101 (Main St.) from Commerce Street to the Ranger Willow Park for a Roaring Ranger Day Parade on September 16, 2023 sponsored by the Ranger Historical Preservation Society.

\*Motion made by Commissioner Moize to approve Resolution No. 2023-08-28-S, and 2<sup>nd</sup> by Commissioner Sigler. **All Ayes and Motion Passed.**

**Agenda Item 11: Discuss:** funding and future support of the Roaring Ranger Day Parade and the Annual Christmas Parade.

\*Clinton Eaton with the Ranger Historical Society informed council that this will be the last parade that the Ranger Historical Society sponsors due to lack of funds. He stated that the 2 parades cost them roughly \$5,000.00 a year. Mr. Eaton asks the council to help with funding in order for the Historical Society to continue with the annual parades.

**Agenda Item 12: Discuss/Consider:** Convene into executive session **at 5:58pm** pursuant to Section 551.071, Texas Government Code, and Texas Professional Rules of Disciplinary Conduct to consult with legal counsel regarding Cause No. CV2246534, Ranger Airfield Maintenance Foundation vs. City of Ranger, in the 91<sup>st</sup> Judicial District Court, Eastland County, Texas.

**Agenda Item 13: Discuss/Consider:** Reconvene into open session **at 6:42pm** to take action as determined appropriate in the City Council's discretion regarding Cause No. CV2246534, Ranger Airfield Maintenance Foundation vs. City of Ranger, in the 91<sup>st</sup> Judicial District Court, Eastland County, Texas.

\*Commissioner Moize made the motion to allow legal council to proceed as discussed, and 2<sup>nd</sup> by Commissioner McGinnis. **All Ayes and Motion Passed.**

**Agenda Item 14: Discuss/Consider: Adjournment- 6:53 PM**

\*Motion made by Commissioner Moize to adjourn and Commissioner McGinnis 2<sup>nd</sup> the motion. **All Ayes and Motion Passed**

*These minutes were approved on the 11<sup>th</sup> day of September, 2023*

**CITY OF RANGER, TEXAS**

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**Terry Robinson, Mayor**

**ATTEST:**

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**Somer Lee, City Secretary**

## Ranger City Secretary

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**From:** Ken Charman <win\_winsit1@yahoo.com>  
**Sent:** Friday, September 1, 2023 9:39 AM  
**To:** Ranger City Secretary  
**Subject:** AGENDA

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good morning sommer,

Ken Charman with the Ranger Citizens Task Force.

I'm requesting to be put on the agenda for the next council meeting to ask for money from the hotel / motel fund for advertising for the up coming Roaring Ranger Days festival.

Please let me know if you have any questions.

Thanks,

Ken 254-653-7540

## **PROVISION OF SERVICES AGREEMENT**

**Eastland County Crisis Center, Inc.**

**DBA: Eastland County Children's Advocacy Center**

This Provision of Services Agreement (this "Agreement") is made effective as of October 1, 2023, by and between the **City of Ranger**, Texas 76470, and the **Eastland County Children's Advocacy Center** P.O. Box 1010, Eastland, Texas 76448. In this Agreement, the party who is contracting to receive the services shall be referred to as the "**City**", and the party who will be providing the services shall be referred to as "**ECCC**".

1. **DESCRIPTION OF SERVICES.** Beginning on October 1, 2023, **ECCC** will provide the following services (collectively, the "Services"): Children's Advocacy Center program, including forensic interviewing, counseling, prevention education, and other advocacy services.
2. **PAYMENT FOR SERVICES.** **City** will pay compensation to **ECCC** for the Services in the amount of **\$2,500**. This compensation shall be payable in one installment no later than December 1, 2023.
3. **TERM/TERMINATION.** This Agreement shall terminate automatically on September 30, 2024.
4. **RELATIONSHIP OF PARTIES.** The parties understand that the **ECCC** is an independent contractor with respect to **City**, and not an employee of **City**. **City** will not provide fringe benefits, including health insurance benefits, paid vacation, or any other employee benefit, for the benefit of the **City**.
5. **CONFIDENTIALITY.** **ECCC** will not at any time or in any manner, directly or indirectly, use for the personal benefit of the **ECCC**, or divulge, disclose, or communicate in any manner any information that is proprietary to the **City**. **ECCC** will protect such information and treat it as strictly confidential. This provision shall continue to be effective after the termination of this agreement.
6. **INJURIES.** **ECCC** acknowledges **ECCC's** obligation to obtain appropriate insurance coverage for the benefit of **ECCC** (and **ECCC's** employees, if any). **ECCC** waives any rights to recovery from **City** for any injuries that **ECCC** (and/or **ECCC's** employees) may sustain while performing services under this Agreement and that are a result of negligence of **ECCC** or **ECCC's** employees.
7. **INDEMNIFICATION.** **ECCC** agrees to indemnify and hold **City** harmless from all claims, losses, expenses, fees including attorney fees, costs, and judgements that may be asserted against **City** that result from the acts or omissions of **ECCC**, **ECCC's** employees, if any and **ECCC's** agents.
8. **ENTIRE AGREEMENT.** This Agreement contains the entire agreement of the parties, and there are no other promises or conditions in any other agreement whether oral or written.

Page 2  
Provision of Services Agreement  
**City of Ranger and  
Eastland County Crisis Center, Inc.**

9. **SEVERABILITY.** If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of this Agreement is invalid or unenforceable, but that by limiting such a provision it would become valid and enforceable, then such provision shall be deemed to be written, construed, and enforced as so limited.

Party contracting services:  
**City of Ranger**

By: \_\_\_\_\_  
Name Date

\_\_\_\_\_  
Title

Service Provider:  
**Eastland County Crisis Center, Inc.**  
dba Eastland County Children's Advocacy Center

By: \_\_\_\_\_  
Genesa Camacho, Executive Director Date





## Agenda Item 6

### **Projects-**

- City of Ranger Hill Pump Station Generator- \$78,960.00
- City of Ranger Fire/EOC Generator- \$59,900.00
- Ranger Wastewater Lift Station Generators-\$242,460.00
- City of Ranger Wastewater Treatment Generator- \$72,700

Once the projects are complete the City of Ranger will be invoiced for the full amount of the projects. Once that is paid the WCTCOG will then apply for reimbursement through TDEM/FEMA. These projects are a 90/10 split so the maximum amount of reimbursement will be 90% of the project cost. Once the reimbursement is received from TDEM/FEMA the WCTCOG will then reimburse the City of Ranger.

For example, the Ranger Wastewater Lift Station is estimated at \$242,460.00. The City of Ranger will be invoiced and responsible for paying that once the project is complete and will be reimbursed a maximum of \$218,340 once FEMA approves the reimbursement request.

After reimbursement, the total out of pocket for each grant will be a 10% match. The average FEMA reimbursement timeline can be extensive depending on the process. Depending on the reimbursement timeline, the city will be responsible for floating \$454,020.00 until the 90% reimbursement is received if all projects are pursued by the city.

The city needs to consider whether or not these projects are viable to proceed with.

## Ranger City Secretary

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**From:** Toby Virden <tvirden@westcentraltexas.org>  
**Sent:** Thursday, November 4, 2021 5:20 PM  
**To:** Ranger City Manager; Ranger City Secretary  
**Cc:** Keith Collom  
**Subject:** City of Ranger Generator Grants

Hi Gerald,

The grant application under DR-4586 for purchase and installation of a generators for the City of Ranger FD/EOC, the Wastewater Treatment Plant, the Ranger Hill Pump Station, and the Ranger Wastewater Lift Stations (4) have been completed and submitted to TDEM Mitigation for review. Thank you for your assistance and working relationship on this project. If further information is needed during the TDEM and FEMA review processes, I will be in touch. It is unknown exactly how long it will be until we receive any information regarding an award. It will likely be 12 months before we have answers.

An application for the Animal Shelter was not submitted due to an existing generator being repurposed and the Animal Shelter not being listed as a critical facility in the Hazard Mitigation Plan.

Respectfully,

*Toby Virden*

Homeland Security Planner  
West Central Texas Council of Governments  
3702 Loop 322  
Abilene, TX 79602  
(325) 672-8544-Extension 120 (voice)  
(325) 793-8420 (direct)  
(325) 793-8483 (fax)  
tvirden@westcentraltexas.org

*"There is no right way to do a wrong thing." Jim Dodson*

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**SD175 | 6.7L | 175 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency

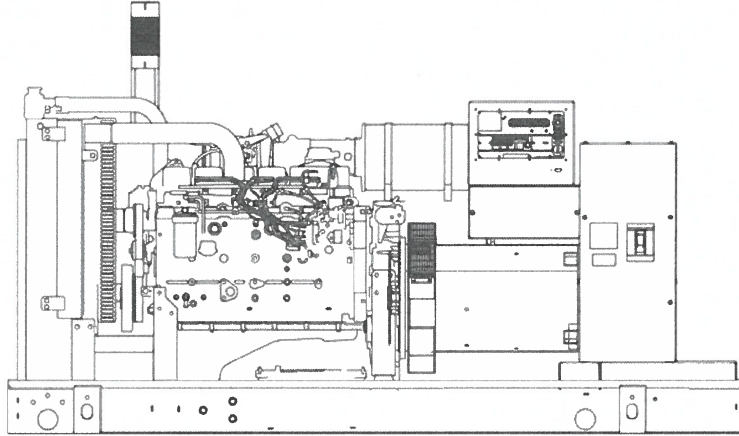


**STANDBY POWER RATING**

175 kW, 219 kVA, 60 Hz

**PRIME POWER RATING\***

158 kW, 197 kVA, 60 Hz



\*Built in the USA using domestic and foreign parts

\*EPA Certified Prime ratings are not available in the U.S. or its Territories.

Image used for illustration purposes only

\*\*Certain options or customization may not hold certification valid.


**CODES AND STANDARDS**

Generac products are designed to the following standards:

 UL2200, UL508, UL142, UL498

 NFPA70, 99, 110, 37

 NEC700, 701, 702, 708

 ISO9001, 8528, 3046, 7637, Pluses #2b, 4

 NEMA ICS10, MG1, 250, ICS6, AB1

 ANSI C62.41  
 American National Standards Institute

**POWERING AHEAD**

For over 50 years, Generac has led the industry with innovative design and superior manufacturing.

Generac ensures superior quality by designing and manufacturing most of its generator components, including alternators, enclosures and base tanks, control systems and communications software.

Generac's gensets utilize a wide variety of options, configurations and arrangements, allowing us to meet the standby power needs of practically every application.

Generac searched globally to ensure the most reliable engines power our generators. We choose only engines that have already been proven in heavy-duty industrial application under adverse conditions.

Generac is committed to ensuring our customers' service support continues after their generator purchase.

# SD175 | 6.7L | 175 kW

## INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

### STANDARD FEATURES

#### ENGINE SYSTEM

##### General

- Oil Drain Extension
- Air Cleaner
- Fan Guard
- Stainless Steel flexible exhaust connection
- Critical Exhaust Silencer (enclosed only)
- Factory Filled Oil
- Radiator Duct Adapter (open set only)

##### Fuel System

- Fuel lockoff solenoid
- Primary fuel filter

##### Cooling System

- Closed Coolant Recovery System
- UV/Ozone resistant hoses
- Factory-Installed Radiator
- Radiator Drain Extension
- 50/50 Ethylene glycol antifreeze
- 120 VAC Coolant Heater

##### Engine Electrical System

- Battery charging alternator
- Battery cables
- Battery tray
- Solenoid activated starter motor
- Rubber-booted engine electrical connections

#### ALTERNATOR SYSTEM

- UL2200 GENprotect™
- 12 leads (3-phase, non 600 V)
- Class H insulation material
- Vented rotor
- 2/3 pitch
- Skewed stator
- Auxiliary voltage regulator power winding
- Amortisseur winding
- Brushless Excitation
- Sealed Bearings
- Automated manufacturing (winding, insertion, lacing, varnishing)
- Rotor dynamically spin balanced
- Full load capacity alternator
- Protective thermal switch

#### GENERATOR SET

- Internal Genset Vibration Isolation
- Separation of circuits - high/low voltage
- Separation of circuits - multiple breakers
- Silencer Heat Shield
- Wrapped Exhaust Piping
- Silencer housed in discharge hood (enclosed only)
- Standard Factory Testing
- 2 Year Limited Warranty (Standby rated Units)
- 1 Year Limited Warranty (Prime rated Units)
- Silencer mounted in the discharge hood (enclosed only)

#### ENCLOSURE (IF SELECTED)

- Rust-proof fasteners with nylon washers to protect finish
- High performance sound-absorbing material
- Gasketed doors
- Stamped air-intake louvers
- Air discharge hoods for radiator-upward pointing
- Stainless steel lift off door hinges
- Stainless steel lockable handles
- Rhino Coat™ - Textured polyester powder coat

#### TANKS (IF SELECTED)

- UL 142
- Double wall
- Vents
- Sloped top
- Sloped bottom
- Factory pressure tested (2 psi)
- Rupture basin alarm
- Fuel level
- Check valve in supply and return lines
- Rhino Coat™ - Textured polyester powder coat
- Stainless hardware

#### CONTROL SYSTEM



##### Control Panel

- Digital H Control Panel - Dual 4x20 Display
- Programmable Crank Limiter
- 7-Day Programmable Exerciser
- Special Applications Programmable PLC
- RS-232/485
- All-Phase Sensing DVR
- Full System Status
- Utility Monitoring
- Low Fuel Pressure Indication
- 2-Wire Start Compatible
- Power Output (kW)

- Power Factor
- kW Hours, Total & Last Run
- Real/Reactive/Apparent Power
- All Phase AC Voltage
- All Phase Currents
- Oil Pressure
- Coolant Temperature
- Coolant Level
- Engine Speed
- Battery Voltage
- Frequency
- Date/Time Fault History (Event Log)
- Isochronous Governor Control
- Waterproof/sealed Connectors
- Audible Alarms and Shutdowns
- Not in Auto (Flashing Light)
- Auto/Off/Manual Switch
- E-Stop (Red Mushroom-Type)
- NFPA110 Level I and II (Programmable)
- Customizable Alarms, Warnings, and Events
- Modbus protocol
- Predictive Maintenance algorithm
- Sealed Boards
- Password parameter adjustment protection

- Single point ground
- 15 channel data logging
- 0.2 msec high speed data logging
- Alarm information automatically comes up on the display

##### Alarms

- Oil Pressure (Pre-programmable Low Pressure Shutdown)
- Coolant Temperature (Pre-programmed High Temp Shutdown)
- Coolant Level (Pre-programmed Low Level Shutdown)
- Low Fuel Pressure Alarm
- Engine Speed (Pre-programmed Over speed Shutdown)
- Battery Voltage Warning
- Alarms & warnings time and date stamped
- Alarms & warnings for transient and steady state conditions
- Snap shots of key operation parameters during alarms & warnings
- Alarms and warnings spelled out (no alarm codes)

# SD175 | 6.7L | 175 kW

## INDUSTRIAL DIESEL GENERATOR SET

EPA Certified Stationary Emergency

### CONFIGURABLE OPTIONS

#### ENGINE SYSTEM

##### General

- Oil Heater
- Industrial Exhaust Silencer

##### Fuel System

- Flexible fuel lines
- Primary fuel filter

##### Engine Electrical System

- 10A UL battery charger
- 2.5A UL battery charger
- Battery Warmer

#### ALTERNATOR SYSTEM

- Alternator Upsizing
- Anti-Condensation Heater
- Tropical coating
- Permanent Magnet Excitation

#### CIRCUIT BREAKER OPTIONS

- Main Line Circuit Breaker
- 2nd Main Line Circuit Breaker
- Shunt Trip and Auxiliary Contact
- Electronic Trip Breaker

#### GENERATOR SET

- Gen-Link Communications Software (English Only)
- IBC Seismic Certification
- 8 Position Load Center
- 2 Year Extended Warranty
- 5 Year Warranty
- 5 Year Extended Warranty

#### ENCLOSURE

- Weather Protected
- Level 1 Sound Attenuation
- Level 2 Sound Attenuation
- Steel Enclosure
- Aluminum Enclosure
- 150 MPH Wind Kit
- 12 VDC Enclosure Lighting Kit
- 120 VAC Enclosure Lighting Kit
- AC/DC Enclosure Lighting Kit
- Door Alarm Switch

#### TANKS (Size on last page)

- Electrical Fuel Level
- Mechanical Fuel Level
- 8" Fill Extension
- 13" Fill Extension

#### CONTROL SYSTEM

- 21-Light Remote Annunciator
- Remote Relay Panel (8 or 16)
- Oil Temperature Sender with Indication Alarm
- Remote E-Stop (Break Glass-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Surface Mount)
- Remote E-Stop (Red Mushroom-Type, Flush Mount)
- Remote Communication - Modem
- Remote Communication - Ethernet
- 10A Run Relay
- Ground Fault Indication and Protection Functions

### ENGINEERED OPTIONS

#### ENGINE SYSTEM

- Coolant heater ball valves
- Block Heaters
- Fluid containment pans

#### ALTERNATOR SYSTEM

- 3rd Breaker Systems

#### CONTROL SYSTEM

- Spare inputs (x4) / outputs (x4) - H Panel Only
- Battery Disconnect Switch

#### GENERATOR SET

- Special Testing

#### ENCLOSURE

- Motorized Dampers
- Door switched for intrusion alert
- Enclosure ambient heaters

#### TANKS

- Overfill Protection Valve
- UL2085 Tank
- ULC S-601 Tank
- Stainless Steel Tank
- Special Fuel Tanks (MIDEQ and FL DEP/DERM, etc.)
- Vent Extensions

### RATING DEFINITIONS

**Standby** - Applicable for a varying emergency load for the duration of a utility power outage with no overload capability.

**Prime** - Applicable for supplying power to a varying load in lieu of utility for an unlimited amount of running time. A 10% overload capacity is available for 1 out of every 12 hours. The Prime Power option is only available on International applications. Power ratings in accordance with ISO 8528-1, Second Edition

**SD175 | 6.7L | 175 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency



**APPLICATION AND ENGINEERING DATA**

**ENGINE SPECIFICATIONS**

General

Make	Generac
EPA Emissions Compliance	Stationary Emergency
EPA Emissions Reference	See Emissions Data Sheet
Cylinder #	6
Type	In-Line
Displacement - L (cu In)	6.7 (406.86)
Bore - mm (in)	104 (4.09)
Stroke - mm (in)	128 (5.2)
Compression Ratio	16.5:1
Intake Air Method	Turbocharged/Aftercooled
Cylinder Head Type	4 Valve
Piston Type	Alloy Aluminum
Crankshaft Type	Forged Steel

Engine Governing

Governor	Electronic Isochronous
Frequency Regulation (Steady State)	+/- 0.25%

Lubrication System

Oil Pump Type	Gear
Oil Filter Type	Full Flow Cartridge
Crankcase Capacity - L (qts)	19.6 (20.7)

Cooling System

Cooling System Type	Closed Recovery
Water Pump	Belt Driven Centrifugal
Fan Type	Pusher
Fan Speed (rpm)	2538
Fan Diameter mm (in)	-
Coolant Heater Wattage	1500
Coolant Heater Standard Voltage	120 V /240 V

Fuel System

Fuel Type	Ultra Low Sulfur Diesel Fuel
Fuel Specifications	ASTM
Fuel Filtering (microns)	5
Fuel Injection	Electronic
Fuel Pump Type	Engine Driven Gear
Injector Type	Electronic
Fuel Supply Line mm (in)	12.7 (0.5) NPT
Fuel Return Line mm (in)	12.7 (0.5) NPT

Engine Electrical System

System Voltage	12 VDC
Battery Charging Alternator	Std
Battery Size	See Battery Index 0161970SBY
Battery Voltage	12 VDC
Ground Polarity	Negative

**ALTERNATOR SPECIFICATIONS**

Standard Model	520
Poles	4
Field Type	Revolving
Insulation Class - Rotor	H
Insulation Class - Stator	H
Total Harmonic Distortion	<5%
Telephone Interference Factor (TIF)	<50

Standard Excitation	Permanent Magnet
Bearings	Single Seated Cartridge
Coupling	Direct, Flexible Disc
Load Capacity - Standby	100%
Prototype Short Circuit Test	Yes
Voltage Regulator Type	Digital
Number of Sensed Phases	3
Regulation Accuracy (Steady State)	±0.25%

**SD175 | 6.7L | 175 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency



**OPERATING DATA**

**POWER RATINGS**

		Standby
Single-Phase 120/240 VAC @1.0pf	175 kW	Amps: 729
Three-Phase 120/208 VAC @0.8pf	175 kW	Amps: 607
Three-Phase 120/240 VAC @0.8pf	175 kW	Amps: 526
Three-Phase 277/480 VAC @0.8pf	175 kW	Amps: 263
Three-Phase 346/600 VAC @0.8pf	175 kW	Amps: 210

**STARTING CAPABILITIES (sKVA)**

sKVA vs. Voltage Dip

Alternator	kW	480 VAC						208/240 VAC					
		10%	15%	20%	25%	30%	35%	10%	15%	20%	25%	30%	35%
Standard	200	187	280	373	467	560	653	140	210	280	350	420	490
Upsize 1	250	263	395	527	658	790	922	197	296	395	494	593	692
Upsize 2	300	303	454	605	757	908	1059	227	341	454	568	681	794

**FUEL CONSUMPTION RATES\***

Fuel Pump Lift - ft (m)	Diesel - gal/hr (l/hr)		
	Percent Load	Standby	
3 (1)	25%	3.9 (14.8)	
	50%	7.3 (27.6)	
Total Fuel Pump Flow (Combustion + Return)	75%	10.5 (39.7)	
29.0 gal/hr	100%	13.5 (51.1)	

\* Fuel supply installation must accommodate fuel consumption rates at 100% load.

**COOLING**

		Standby
Coolant Flow per Minute	gal/min (l/min)	44.6 (168.8)
Coolant System Capacity	gal (L)	7.5 (28.4)
Heat Rejection to Coolant	BTU/hr	497,718
Inlet Air	cfm (m <sup>3</sup> /hr)	7946 (13502)
Max. Operating Radiator Air Temp	F° (C°)	122 (50)
Max. Ambient Temperature (before derate)	F° (C°)	104 (40)
Maximum Radiator Backpressure	in H <sub>2</sub> O	0.5

**COMBUSTION AIR REQUIREMENTS**

		Standby
Flow at Rated Power	cfm (m <sup>3</sup> /min)	470 (13.31)

**ENGINE**

		Standby
Rated Engine Speed	rpm	1800
Horsepower at Rated kW**	hp	279
Piston Speed	ft/min (m/min)	1559 (475)
BMEP	psi	257

**EXHAUST**

		Standby
Exhaust Flow (Rated Output)	cfm (m <sup>3</sup> /min)	1326 (37.55)
Max. Backpressure (Post Silencer)	inHg (Kpa)	1.5 (5.1)
Exhaust Temp (Rated Output)	°F (°C)	1040 (560)
Exhaust Outlet Size (Open Set)	mm (in)	101.6 (4)

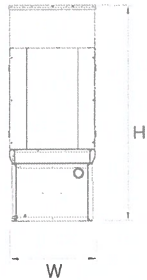
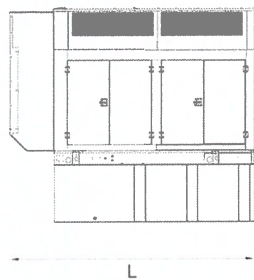
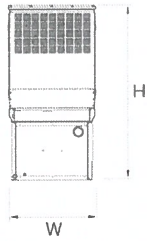
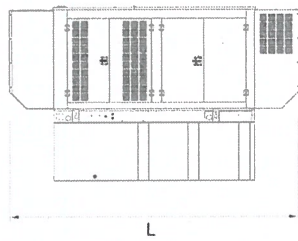
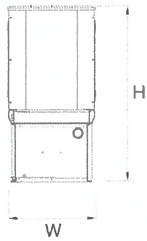
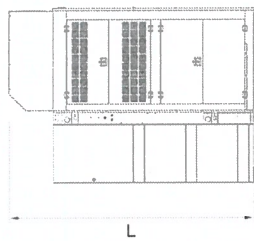
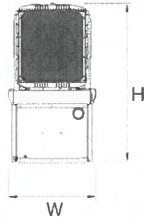
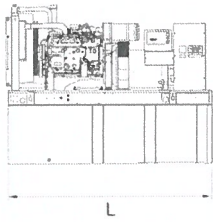
\*\* Refer to "Emissions Data Sheet" for maximum bHP for EPA and SCAQMD permitting purposes.

Deration – Operational characteristics consider maximum ambient conditions. Derate factors may apply under atypical site conditions. Please consult a Generac Power Systems Industrial Dealer for additional details. All performance ratings in accordance with ISO3046, BS5514, ISO8528 and DIN6271 standards.

**SD175 | 6.7L | 175 kW**  
**INDUSTRIAL DIESEL GENERATOR SET**  
 EPA Certified Stationary Emergency



**DIMENSIONS AND WEIGHTS\***



YOUR FACTORY RECOGNIZED GENERAC INDUSTRIAL DEALER

**OPEN SET**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Tank & Open Set	
			Steel	Aluminum
NO TANK	-	117 (2972) x 50 (1270) x 57 (1448)	3980 (1805)	
10	134 (507)	117 (2972) x 50 (1270) x 71 (1803)	4764 (2161)	
24	322 (1219)	117 (2972) x 50 (1270) x 82 (2083)	5052 (2292)	
38	510 (1930.6)	117 (2972) x 50 (1270) x 94 (2388)	5345 (2424)	
51	693 (2623.3)	136 (3454) x 53 (1346) x 98 (2489)	5575 (2530)	
70	946 (3581)	208 (5283) x 53 (1346) x 98 (2489)	7005 (3117)	
98	1325 (5015.7)	278 (7061) x 53 (1346) x 96 (2438)	8020 (3638)	

**STANDARD ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	143 (3632) x 50 (1270) x 68 (1727)		
10	134 (507)	143 (3632) x 50 (1270) x 81 (2057)		
24	322 (1219)	143 (3632) x 50 (1270) x 93 (2362)		
38	510 (1930.6)	143 (3632) x 50 (1270) x 105 (2667)	850 (386)	280 (127)
51	693 (2623.3)	143 (3632) x 53 (1346) x 109 (2769)		
70	946 (3581)	208 (5283) x 53 (1346) x 109 (2769)		
98	1325 (5015.7)	278 (7061) x 53 (1346) x 107 (2718)		

**LEVEL 1 ACOUSTIC ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	168 (4267) x 50 (1270) x 68 (1727)		
10	134 (507)	168 (4267) x 50 (1270) x 81 (2057)		
24	322 (1219)	168 (4267) x 50 (1270) x 93 (2362)		
38	510 (1930.6)	168 (4267) x 50 (1270) x 105 (2667)	1050 (476)	347 (157)
51	693 (2623.3)	168 (4267) x 53 (1346) x 109 (2769)		
70	946 (3581)	234 (5944) x 53 (1346) x 109 (2769)		
98	1325 (5015.7)	304 (7722) x 53 (1346) x 107 (2718)		

**LEVEL 2 ACOUSTIC ENCLOSURE**

RUN TIME HOURS	USABLE CAPACITY GAL (L)	L x W x H in (mm)	WT lbs (kg) - Enclosure Only	
			Steel	Aluminum
NO TANK	-	143 (3632) x 50 (1270) x 92 (2337)		
10	134 (507)	143 (3632) x 50 (1270) x 105 (2667)		
24	322 (1219)	143 (3632) x 50 (1270) x 117 (2972)		
38	510 (1930.6)	143 (3632) x 50 (1270) x 129 (3278)	1250 (567)	413 (187)
51	693 (2623.3)	143 (3632) x 53 (1346) x 133 (3378)		
70	946 (3581)	208 (5283) x 53 (1346) x 133 (3378)		
98	1325 (5015.7)	278 (7061) x 53 (1346) x 131 (3327)		

\*All measurements are approximate and for estimation purposes only. Sound dBA can be found on the sound data sheet. Enclosure Only weight is added to Tank & Open Set weight to determine total weight.

Specification characteristics may change without notice. Dimensions and weights are for preliminary purposes only. Please consult a Generac Power Systems Industrial Dealer for detailed installation drawings.



# Project F13-S13: Application - WCTCOG City of Ranger Fire Department/EOC Generator

Routing in Progress: Account Setup / Verification (Step 21 of 22)

**Deliverables**

- Entered the Direct Deposit Authorization Form or RTI information into the subrecipient's GMS account page.
- Verified the subrecipient's Direct Deposit information in GMS matches USAS, if applicable.
- Entered the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

[View All Completed Deliverables](#)

**Grant**

**4586 Texas Severe Winter Storms**  
 Hazard Mitigation Grant Program  
 Declared: February 19, 2021  
 Work Deadline: August 18, 2025  
 CFDA Number: 97.039

**Application Summary**

This form outlines all project details, including Scope of Work, all costs, and location worksheets.

<b>Title:</b>	WCTCOG City of Ranger Fire Department/EOC Generator
<b>Total Project Cost:</b>	\$59,900.00
<b>Eligible Amount:</b>	\$59,900.00
<b>Funding Sources:</b>	Federal - \$56,605.50 State - \$0.00 Local - \$6,289.50
<b>Subrecipient Management Cost:</b>	\$2,995.00
<b>FEMA Obligation Data:</b>	Federal Number - 13 Date of Obligation Letter - < no value > CATEX Comments - < no value > Project POP Date - < no value > <a href="#">Edit</a>

**Applicant**

**West Central Texas Council of Governments**  
 Taylor County (5 - Northwest Texas Region Region)  
 UEI: C52UJJLEKA24  
 FIPS: 441-UWVYU-00  
 State#: 92552  
 FEIN #: 75-1244243  
 Vendor # (Applicant): 17512442439  
 DUNS #: 190574678 Type: Regional Governmental Organization  
 Physical/Mailing: 3702 Loop 322  
 Abilene, TX, 79602-7300

**Project**

**F #13 S #13**  
 WCTCOG City of Ranger Fire Department/EOC Generator  
 Generator Generators Regular  
 Project POP Deadline:

 **Workflow Summary**

**Current Step:** 21) Account Setup / Verification  
**Extended Description:** A) Enter the Direct Deposit Authorization Form or RTI information into the Applicant's GMS account page.  
  
B) Verify subrecipient's Direct Deposit information in GMS matches USAS, if applicable.  
  
C) Enter the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

**Recipients:** Finance Administrator (State)

**Last Advanced:** Jun 20, 2023 at 9:25 PM by Angela Baker

**Submission:** Nov 4, 2021 at 5:09 PM by Toby Virden

August 18, 2025  
Eligible: \$59,900.00  
Federal: \$53,910.00 (90%)  
Un-Expended Eligible:  
\$59,900.00

## Introduction

State Use Only

Federal Number:

Obligation Letter Date:

Project POP Date:

Obligation Date:

CATEX Comments:

Application ID:

## Summary Information

Grant: 4586 Texas Severe Winter Storms

Project Type: Generators Regular(Generator Application - generator/generator\_v2)

Application Version:

Title:

Used to help identify the project. Ex: "St Thomas Bridge Reinforcement".

## Applicant Information

Applicant: **West Central Texas Council of Governments** [Edit]

**Location:** Taylor

**Type:** Regional Governmental Organization

**Mailing:** 3702 Loop 322, Abilene, TX 79602-7300

**Physical:** 3702 Loop 322, Abilene, TX 79602-7300

**FIPS:** 441-UWVYU-00

**FEIN #:** 75-1244243

**DUNS #:** 190574678

**SAM Registration Expiration Date:** Oct 17, 2023

**SAM Registration Status:** Active

**Congressional District:** 19

**State Senate District:** 24, 28

**State Legislative District:** 83, 68, 71, 60, 59,72

**Applicant Fiscal Year Ending Month:** 09

Is all above information correct and current?

Yes

DUNS #:

190574678

Applicant value

Organization Unit:

Fire Department

Used to identify the department submitting the application. Ex. "Public Works"

## Contacts

Primary Contact: ?

Keith Collom - Director of Homeland Security

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: kcollom@westcentraltexas.org

Phone: 325-672-8544 ext. 102

Secondary Agent: ?

Toby Virden - Homeland Security Planner

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tvirden@westcentraltexas.org

Phone: 325-672-8544 ext. 120

Primary Finance Contact: ?

Kelly Cheek - Deputy Executive Director

[Edit](#)

Organization: West Central Texas Council of Government

Email Address: kcheek@westcentraltexas.org

Phone: 325-793-8544

Certifying Official: ?

Tom Smith - Executive Director

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tsmith@westcentraltexas.org

Phone: 325-672-8544 ext. 104

Alternate Contacts:

Name	Title	Email	Phone	
Jason Kelton	Homeland Security Planner	jkelton@westcentraltexas.org	325-672-8544	<a href="#">Edit</a>

\* indicates a contact whose information may not be current or correct.

Add Alternate Contact

## Planning Requirement

For all disasters declared after November 1, 2004, a community must have a FEMA approved Local Hazard Mitigation Plan in order to be eligible for HMGP. Not required for Plan or Plan Update applications.

Does your community have a current FEMA approved multi-hazard mitigation plan?

Yes

Date of Plan Approval:

May 6, 2019

Mitigation Plan Page:

134 of 243

Page on which the project/activity proposed is listed in the Mitigation Plan.

Mitigation Plan Section:

attach D-1

Section in which the project/activity proposed is listed in the Mitigation Plan.

Does the community participate in the National Flood Insurance Program (NFIP)?

Yes

Community NFIP Status:

Participating Community

Is the community a member of good standing with the NFIP?

Yes

Date Established:

May 17, 1974

NFIP Number (CID):

480205

Project Management:

- The local jurisdiction will manage the project
- The local jurisdiction plans to hire a consultant/contractor to manage the project
- Other

Project management involves planning, executing, controlling, and completing the project in order to achieve specific goals and meet specific success criteria at the specified times, while providing updates on the progress and issues

# Worksheets

1 results

▼ #	Worksheet Title	Amount	Status
1	Ranger Fire Department/EOC	\$59,900.00	Included

## Scope of Work

### Description of the Problem:

A dependable emergency electric power source for critical facilities, such as the Ranger Fire Department facilities, are of great importance. The current generator has surpassed its life expectancy. A generator of sufficient capacity and current technological standards to maintain the continuity of operations for fire and rescue services is needed. An automatic transfer switch to accompany the generator to quickly activate emergency electrical power is also needed for a seamless transition to emergency power at any time. The Ranger Fire Department provides primary response fire protection and rescue services for the 2300 citizens of the City of Ranger and for mutual aid fire and rescue services for the 18,442 citizens of Eastland County. The Ranger Fire Department also responds to traffic accidents and incidents along Interstate Highway 20 (IH-20). According to the Texas Department of Transportation, the Annual Average Daily Traffic count in 2020 on IH-20 passing through the City of Ranger is 22,316 vehicles per day.

Describe the specific problem the proposed project is intended to alleviate.

### Scope of Work: Description of the Solution & Mitigation Proposed:

Without a dependable source of emergency electric power, the continuity of operations for the city's fire department will be interrupted. A loss of electric power greatly cripples the ability of fire services to continue to function at critical times. A loss of electric power also cripples the city's emergency operations center, housed within the facility. A consistent source of emergency electric power provides a source of power for systems that maintain fire apparatus at the highest level of preparedness to allow for the best response times. The placement of a dependable generator resulting from this project will mitigate the future loss or crippling of operations during an electric power interruption.

Describe the proposed scope of work to accomplish this project.

### Description of the Proposed Project:

The project will replace a 20 Kw generator with a fully functioning diesel fueled 80 Kw generator and supporting infrastructure. The generator will be used to provide emergency electric power to the Ranger Fire Department. Days 1-90 will include the signing of the grant agreement and bidding and procurement. Days 91-180 will involve the purchase and delivery of the generator. Days 181--360 will involve the installation of the generator, supporting electrical infrastructure, protective shelter, and security fencing. Personnel will be provided training in operation and maintenance of the generator. The project will be closed out in Days 361-720. The total estimated time for the project is 720 days/104 weeks.

Describe, in detail, the proposed project. Also, explain how the proposed project will solve the problem(s) and provide the level(s) of protection described above. If any other projects are underway or proposed in the project area, please describe. Also describe any planned, future development in the project area. Please include building code requirements for new development and substantial improvements in the community.

# Costs

## Worksheet Cost Type Summary

Cost Type	Quantity Sum	Unit Cost Avg.	Total Cost Sum
Labor	1.00	\$12,600.00	\$12,600.00
Materials/Supplies	2.00	\$18,650.00	\$37,300.00
Professional Services	1.00	\$10,000.00	\$10,000.00

State Use Only

Does this project qualify for Strategic Funds Management?

No

Strategic Funds Management may be used for projects a) over \$1 million federal share; b) with a timeline greater than 6 months; c) that will not be phased.

## Cost Line Items

Please specify any project costs that aren't worksheet or site-specific (since those costs will be specified in the individual worksheets).

Phased Project:

No

If this project is to be done in 2 phases - A and B.

Type	Description	Qty	Unit	Price Pre-Award	Total
<b>Worksheet Total</b>					<b>\$59,900.00</b>
<b>Application Total</b>					<b>\$0.00</b>
<b>Grand Total</b>					<b>\$59,900.00</b>

Budget Narrative:

 <a href="#">Cost Certification Ltr Signed</a> 337 KB	Sep 22, 2021
 <a href="#">BudRgrFD</a> 165 KB	Jan 10, 2022

The jurisdiction will ensure that all project costs are reasonable and necessary for the activity according to 2 CFR § Part 200 Uniform Administrative (URA) Requirements, Cost Principles, and Audit Requirements for Federal Awards. Please include explanation/justification for project and Subrecipient Management Cost amounts.

## Subrecipient Management Cost



Will this sub-application be requesting any Subrecipient Management Cost amounts?

Opt-In

**Cost Line Items**

Please specify any project management costs.

Type	Description	Qty	Unit	Price	Total
Award Administration (Mgmt Cost)	Management and Administration by WCTCOG 5%	1	Each	\$ 2,995.00	\$2,995.00
<b>Subrecipient Management Cost Total</b>					<b>\$2,995.00</b>

**Funding Sources**

Method:  By Percent  By Amount Funding Source / Other Agency

FEMA Share:  % \$53,910.00

State Share:  % \$0.00


Non-Federal Share - Local Share (Include In-Kind Value):  % \$5,990.00

Total Allocated:  % \$59,900.00

Subrecipient Management Cost Amount: \$  The amount of Subrecipient Management Cost requested for this Project.

**Non-Federal Funding Share**

List all sources and amounts utilized in the non-federal share including all in-kind services. In-kind services may not exceed 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Funding Source	Amount	Commitment Letter
cash match	City of Ranger	Cash	\$ 14,975.00	

Funds Commitment Letter lists the sources and amounts utilized in the non-Federal share requirement, including all in-kind services. Funds commitment letters from

## Cost Effectiveness

Not required for Plan or Plan Update applications

The cost effectiveness methodology used for this project is:

**Benefit Cost Software:** Cost effectiveness for this project has been calculated using the FEMA approved BCA software. The Benefit Cost Ratio has been determined to be: 52.22. A zip file of the BCA runs is included with this application as required documentation. Details of the properties can be found in the Worksheets. Maintenance Costs must be included in the BCA, although they are not eligible project cost line items in the application budget. Upload an assurance letter from the signature authority that tells how much annual maintenance costs will be, what position or department will be responsible for maintenance, and how often it will be performed.

Total Project Benefit: \$

The total of savings realized by this project.

Benefit Cost Ratio:

This value is calculated based on Benefit/Cost.

Please upload a copy of the Benefit Cost Analysis of the Project:

 Application-WCTCOG-City-of-Ranger-Fire-Depar... 520 KB	May 24, 2023
--	--------------

**Cost Effectiveness Narrative:** Provide a detailed description of the cost effectiveness indicating that there is a reasonable expectation that future damage or loss of life will be reduced or prevented.

## Budget Estimating

The method used to estimate project costs other than replacement costs is:

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were utilized with an inflation factor if necessary
- Public Works personnel provided estimates based on their experience and that of associates in the field
- RS Means, Marshall & Swift, other national cost estimation services
- Other

Note: Generators that are being used to replace existing units are required to show an increased level of mitigation, such as higher power rating or fuel source that does not require human interaction, i.e. Propane vs. Diesel

Budgeting Method

	<b>BACKUP POWER UPGRADES SHEET</b> with cost Sealed... 109 KB	On Nov 2, 2021 by Toby Virden
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Provide backup documentation for method used

# Alternatives

## Proposed Action:

The project will place into service a newly purchased 20 Kw generator and automatic transfer switch. The project will include all site preparation activities, wiring for adaptation of the generator and automatic transfer switch to the existing structure, providing a protective shelter or covering, testing of all newly installed equipment, training of personnel in the operation of the unit, and periodic maintenance of the generator.

This is the proposed project. Explain why the proposed action is the preferred alternative. Identify how the preferred alternative would solve a problem, why the preferred alternative is the best solution and benefits the community, why and how the alternative is environmentally preferred and why the project is the economically preferred alternative. Also include the shortfalls or gaps associated with the proposed action.

## Alternative Action:

The best option for this project is to purchase a generator and automatic transfer switch to be placed permanently to minimize the duration of electric power losses affecting the facility. As an alternative, a generator could be rented and placed to provide emergency electric power. Generators of this size are rarely available for rent within a 100 mile radius of the city. Renting a generator would only be feasible in instances of multiple days of electric power loss.

This is an alternative to the Proposed Project and would also solve the problem. It would be a viable project that could be substituted in the event the proposed project is not chosen. Identify how this project would solve the problem, the community benefits, and why it is an environmental and economic alternative. Also include the shortfalls or gaps associated with this action.

## No Action Alternative:

If no action is taken, the Ranger Fire Department would remain absent of a generator to provide emergency electric power. In times of electric power loss, no matter the duration, readiness of apparatus, fire suppression efforts, and rescue operations would be hampered. The emergency operations center would be unable to function without a source of electric power.

Evaluate the consequences of taking no action and leaving conditions as they currently exist. Please describe the benefits of this action and the shortfalls or gaps associated with this action.

# Timeline

## Project Milestones

Total # of weeks for entire project:

104

Task Description	Start Day	End Day
Signing Grant Agreement	1	90
Bidding and Procurement	1	90
Purchase Generator	91	180
Delivery of Generator	181	270
Installation of Generator	271	450
Operation and Maintenance Training	451	630
Project Closeout	631	720
FEMA Project Closeout	631	720

## Certifications

### Certifications

Would you be willing to accept a reduced federal share or scale your project if there are funding limitations?  
This is highly recommended due to the limited federal funds available.

- Yes
- No

If this application is not selected for funding for the FEMA Hazard Mitigation Grant Program/Building Resilient Infrastructure and Communities (BRIC) programs, but may be eligible for other grant funding through TDEM or other partner agencies, do you wish to have TDEM share your information for consideration in other grant opportunities?

- Yes - I acknowledge my application will need to meet the requirements of other grant opportunities offered and I will still need to make application. I understand that selecting "yes" does NOT eliminate the need for me to separately apply for other grant opportunities.
- No

Certification

 Signed Grant Cert Ranger FD 357 KB	On Sep 20, 2021 by Toby Virden
--	--------------------------------

#### Certification Template


Please download the template, sign and date, then upload the signed Certification document.

Application for Federal Assistance (SF-424):

 Signed SF 424 Ranger FD 1 MB	On Jan 12, 2022 by Toby Virden
--	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

Grant Terms and Conditions:

 Grant Terms and Conditions Complete 080121 14 MB	On Sep 13, 2021 by Toby Virden
--	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

## Documentation

### Documentation

#### USACE Consultation Letter

No documents.

USACE - the jurisdiction must demonstrate that it has consulted with the USACE regarding each subject property's potential use for the construction of a flood levee system (including berms, floodwalls, and dikes).

#### DOT Consultation Letter

No documents.

DOT - the jurisdiction must demonstrate that it has consulted with the relevant State DOT to ensure that future plans do not contain any improvements or enhancements to Federal aid systems or other State transportation projects that would affect the proposed project area under consideration.

#### Other Federal Agency Consultation Letter

No documents.

Other Federal Agency - the jurisdiction must demonstrate that it has consulted with other Federal agencies as appropriate, regarding other program requirements and/or activities, and have identified the relationship between them to FEMA mitigation grant activities and funding.

#### SHPO Consultation

No documents.

SHPO response needed if:

1. structure is or will be 45 years or older at the time of FEMA application review;
2. new ground is being disturbed; or
3. project is located in a Historic District.

This applies to all properties including alternates

Application - WCTCOG City of R...

# Project F13-S13: Worksheet #1 - Ranger Fire Department/EOC

## Introduction

State Use Only

Status:

Included/Active

## General

Site Name:

Ranger Fire Department/EOC

Used to help identify the worksheet/location. Ex: "Old City Hall Building".

Facility Type:

Firehouse

Construction Year:

1987

Was the building ever used as a courthouse?

No

## Location

Address:

500 E. Loop 254

City:

Ranger

State:

TX - Texas

Zip Code:

76470

Latitude:

32.472

In Decimal Format to four (4) decimal places

Longitude:

-98.6715

In Decimal Format to four (4) decimal places



## Generator Data

Location:	Exterior
Type of Generator:	Fixed
Pad:	Existing Pad
Ground Disturbance Dimensions:	no ground disturbance <small>Include Depth of Ground Disturbance for Pad and any new Utility Connections</small>
Other Features:	
Special Location Conditions:	none <small>If in the Special Flood Hazard Area (SFHA), provide Elevation. If adjacent to Wetlands or in a Coastal Zone, see required agency response letters.</small>
Capacity:	80 KW
Generator Voltage:	240 V
Horsepower:	0.00 HP
Generator Phase:	Three
Transfer Switch:	Yes
Type Of Controls:	Automatic
Size:	400 AMP
Fuel Type:	Diesel
Comments:	horsepower rating not listed in specifications <small>Please add additional information/remarks.</small>

# Costs

## Cost Line Items

Select One

In this section, provide the details of all costs of the project. As this information is used for the Benefit-Cost Analysis, reasonable cost estimates are essential. As project administrative costs are calculated on a sliding scale, do not include this in the budget. List all items and costs in line item fashion.

- For Labor, include equipment costs -- please indicate all "soft" or in-kind matches.
- For Fees Paid, include any other costs associated with the project.
- Do not include indirect costs in project management costs.

Type	Description	Qty	Unit	Price	Pre-Award	Total
Materials/Supplies	purchase and installation of 80 Kw generator and automatic transfer switch	1	Each	\$ 27,300.00	No	\$27,300.00
Labor	electrical, removal and replacement	1	Each	\$ 12,600.00	No	\$12,600.00
Professional Services	engineering	1	Each	\$ 10,000.00	No	\$10,000.00
Materials/Supplies	concrete pad	1	Each	\$ 10,000.00	No	\$10,000.00
<b>Grand Total</b>						<b>\$59,900.00</b>

## Documentation

### Photos of Site:

 Photos Ranger FD EOC 316 KB	Sep 20, 2021
 Ranger Fire Dept 911 photo 335 KB	Jan 7, 2022

3 color photos: full front, full back, and one full side. If the property is not accessible, 2 photos: front and one side.

### Specification Sheet for Type of Generator:

 Generac 80 kW Diesel Gen Spec 392 KB	Nov 2, 2021
--	-------------

### Certification of Generator Sizing (engineer, electric company, etc.):

 Gen Size Cert RangerFD 392 KB	Jan 11, 2022
 Letter Gen Size Certification Ranger Sealed ... 171 KB	Jan 11, 2022

### FIRMette with Project Location(s) Clearly Marked:

 FIRMETTE Ranger FD EOC 728 KB	Sep 14, 2021
---	--------------

The section of the flood insurance rate map (FIRM) developed by the Federal Emergency Management Agency (FEMA) created online by selecting the desired area from an image of a FIRM with the location clearly marked which includes the map title block, north arrow, and scale bar.

# Project F14-S11: Application - WCTCOG City of Ranger Hill Pump Station Generator

Routing in Progress: Account Setup / Verification (Step 21 of 22)

**Deliverables**

- Entered the Direct Deposit Authorization Form or RTI information into the subrecipient's GMS account page.
- Verified the subrecipient's Direct Deposit information in GMS matches USAS, if applicable.
- Entered the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

[View All Completed Deliverables](#)

**Grant**

**4586 Texas Severe Winter Storms**  
 Hazard Mitigation Grant Program  
 Declared: February 19, 2021  
 Work Deadline: August 18, 2025  
 CFDA Number: 97.039

**Application Summary**

This form outlines all project details, including Scope of Work, all costs, and location worksheets.

<b>Title:</b>	WCTCOG City of Ranger Hill Pump Station Generator
<b>Total Project Cost:</b>	\$75,200.00
<b>Eligible Amount:</b>	\$75,200.00
<b>Funding Sources:</b>	Federal - \$71,064.00 State - \$0.00 Local - \$7,896.00
<b>Subrecipient Management Cost:</b>	\$3,760.00
<b>FEMA</b>	Federal Number - 14
<b>Obligation Data:</b>	Date of Obligation Letter - < no value > CATEX Comments - < no value > Project POP Date - Apr 9, 2025 <a href="#">Edit</a>

**Applicant**

**West Central Texas Council of Governments**  
 Taylor County (5 - Northwest Texas Region Region)  
 UEI: C52UJJLEKA24  
 FIPS: 441-UWVYU-00  
 State#: 92552  
 FEIN #: 75-1244243  
 Vendor # (Applicant): 17512442439  
 DUNS #: 190574678 Type: Regional Governmental Organization  
 Physical/Mailing: 3702 Loop 322  
 Abilene, TX, 79602-7300

**Project**

**F #14 S #11**  
 WCTCOG City of Ranger Hill Pump Station Generator  
 Generator Generators Regular  
 Project POP Deadline: April 9, 2025

 **Workflow Summary**

**Current Step:** 21) Account Setup / Verification  
**Extended Description:** A) Enter the Direct Deposit Authorization Form or RTI information into the Applicant's GMS account page.  
  
B) Verify subrecipient's Direct Deposit information in GMS matches USAS, if applicable.  
  
C) Enter the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

**Recipients:** Finance Administrator (State)

**Last Advanced:** Jun 20, 2023 at 9:23 PM by Angela Baker

**Submission:** Nov 4, 2021 at 5:12 PM by Toby Virden

Eligible: \$78,960.00  
Federal: \$71,440.00 (90%)  
Un-Expended Eligible:  
\$78,960.00

## Introduction

State Use Only

Federal Number:

Obligation Letter Date:

Project POP Date:

Obligation Date:

CATEX Comments:

Application ID:

## Summary Information

Grant: 4586 Texas Severe Winter Storms

Project Type: Generators Regular(Generator Application - generator/generator\_v2)

Application Version:

Title:

Used to help identify the project. Ex: "St Thomas Bridge Reinforcement".

## Applicant Information

Applicant: **West Central Texas Council of Governments** [Edit]

**Location:** Taylor

**Type:** Regional Governmental Organization

**Mailing:** 3702 Loop 322, Abilene, TX 79602-7300

**Physical:** 3702 Loop 322, Abilene, TX 79602-7300

**FIPS:** 441-UWVYU-00

**FEIN #:** 75-1244243

**DUNS #:** 190574678

**SAM Registration Expiration Date:** Oct 17, 2023

**SAM Registration Status:** Active

**Congressional District:** 19

**State Senate District:** 24, 28

**State Legislative District:** 83, 68, 71, 60, 59,72

**Applicant Fiscal Year Ending Month:** 09

Is all above information correct and current?

Yes

DUNS #:

190574678

Applicant value

Organization Unit:

Public Works

Used to identify the department submitting the application. Ex. "Public Works"

## Contacts

Primary Contact: ?

Keith Collom - Director of Homeland Security

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: kcollom@westcentraltexas.org

Phone: 325-672-8544 ext. 102

Secondary Agent: ?

Toby Virden - Homeland Security Planner

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tvirden@westcentraltexas.org

Phone: 325-672-8544 ext. 120

Primary Finance Contact: ?

Kelly Cheek - Deputy Executive Director

[Edit](#)

Organization: West Central Texas Council of Government

Email Address: kcheek@westcentraltexas.org

Phone: 325-793-8544

Certifying Official: ?

Tom Smith - Executive Director

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tsmith@westcentraltexas.org

Phone: 325-672-8544 ext. 104

Alternate Contacts:

Name	Title	Email	Phone	
Jason	Homeland Security	jkelton@westcentraltexas.org	325-672-8544	<a href="#">Edit</a>
Kelton	Planner			

\* indicates a contact whose information may not be current or correct.

Add Alternate Contact

## Planning Requirement

For all disasters declared after November 1, 2004, a community must have a FEMA approved Local Hazard Mitigation Plan in order to be eligible for HMGP. Not required for Plan or Plan Update applications.

Does your community have a current FEMA approved multi-hazard mitigation plan?

Yes

Date of Plan Approval:

May 6, 2019

Mitigation Plan Page:

134 of 243

Page on which the project/activity proposed is listed in the Mitigation Plan.

Mitigation Plan Section:

attach D-1

Section in which the project/activity proposed is listed in the Mitigation Plan.

Does the community participate in the National Flood Insurance Program (NFIP)?

Yes

Community NFIP Status:

Participating Community

Is the community a member of good standing with the NFIP?

Yes

Date Established:

May 17, 1974

NFIP Number (CID):

480205

Project Management:

- The local jurisdiction will manage the project
- The local jurisdiction plans to hire a consultant/contractor to manage the project
- Other

Project management involves planning, executing, controlling, and completing the project in order to achieve specific goals and meet specific success criteria at the specified times, while providing updates on the progress and issues



# Worksheets

1 results

▼ #	Worksheet Title	Amount	Status
1	Hill Pump Station	\$75,200.00	Included

## Scope of Work

### Description of the Problem:

The Hill Pump Station lacks a dependable source of emergency electric power, i.e. a generator and automatic transfer switch. Without a dependable source of emergency electric power, the continuity of operations for the City of Ranger's Hill Pump Station will be interrupted. A loss of electric power greatly inhibits the operations of critical water distribution facilities. The continued operation of the City of Ranger Hill Pump Station during an electric power loss is crucial to the health, safety, and well-being of the 2300 residents and visitors to the City of Ranger.

Describe the specific problem the proposed project is intended to alleviate.

### Scope of Work: Description of the Solution & Mitigation Proposed:

Without a dependable source of emergency electric power, the continuity of operations for the City of Ranger's Hill Pump Station will be interrupted. A loss of electric power greatly inhibits the operations of critical water distribution facilities. The continued operation of the City of Ranger Hill Pump Station during an electric power loss is crucial to the health, safety, and well-being of the residents and visitors to the City of Ranger. The project will complete the placement of a dependable generator and automatic transfer switch with current technology resulting from this project will mitigate these issues.

Describe the proposed scope of work to accomplish this project.

### Description of the Proposed Project:

Days 1-90 will include the signing of the grant agreement and bidding and procurement for the project.

Days 1-180 will include pouring the concrete pad as well as -+purchase and delivery of the generator.

Days 181-360 includes installation of the generator and training of personnel for operation and maintenance of the generator.

Days 361-720 will involve the final inspection and closeout of the project. The duration of the project will be 720 days, or 104 weeks.

Describe, in detail, the proposed project. Also, explain how the proposed project will solve the problem(s) and provide the level(s) of protection described above. If any other projects are underway or proposed in the project area, please describe. Also describe any planned, future development in the project area. Please include building code requirements for new development and substantial improvements in the community.

# Costs

## Worksheet Cost Type Summary

Cost Type	Quantity Sum	Unit Cost Avg.	Total Cost Sum
Labor	100.00	\$200.00	\$20,000.00
Materials/Supplies	2.00	\$20,100.00	\$40,200.00
Professional Services	1.00	\$15,000.00	\$15,000.00

State Use Only

Does this project qualify for Strategic Funds Management?

No

Strategic Funds Management may be used for projects a) over \$1 million federal share; b) with a timeline greater than 6 months; c) that will not be phased.

## Cost Line Items

Please specify any project costs that aren't worksheet or site-specific (since those costs will be specified in the individual worksheets).

Phased Project:

No

If this project is to be done in 2 phases - A and B.

Type	Description	Qty	Unit	Price Pre-Award	Total
<b>Worksheet Total</b>					<b>\$75,200.00</b>
<b>Application Total</b>					<b>\$0.00</b>
<b>Grand Total</b>					<b>\$75,200.00</b>

Budget Narrative:

 <a href="#">Cost Certification Ltr Signed</a> 337 KB	Sep 23, 2021
 <a href="#">BudHIPS</a> 161 KB	Jan 10, 2022

The jurisdiction will ensure that all project costs are reasonable and necessary for the activity according to 2 CFR § Part 200 Uniform Administrative (URA) Requirements, Cost Principles, and Audit Requirements for Federal Awards. Please include explanation/justification for project and Subrecipient Management Cost amounts.

## Subrecipient Management Cost

Will this sub-application be requesting any Subrecipient Management Cost amounts?

### Cost Line Items

Please specify any project management costs.

Type	Description	Qty	Unit	Price	Total
Award Administration (Mgmt Cost)	Management & Administration West Central Texas Council of Governments 5%	1	Each	\$ 3,760.00	\$3,760.00
<b>Subrecipient Management Cost Total</b>					<b>\$3,760.00</b>

### Funding Sources

Method:

By Percent     By Amount

Funding Source / Other Agency

FEMA Share:  % \$67,680.00

State Share:  % \$0.00

Non-Federal Share - Local Share (Include In-Kind Value):  % \$7,520.00


Total Allocated:  % \$75,200.00

Subrecipient Management Cost Amount: \$

The amount of Subrecipient Management Cost requested for this Project.

### Non-Federal Funding Share

List all sources and amounts utilized in the non-federal share including all in-kind services. In-kind services may not exceed 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Funding Source	Amount	Commitment Letter
Local Funds	City of Ranger	Cash	\$ 18,800.00	

## Cost Effectiveness

Not required for Plan or Plan Update applications

The cost effectiveness methodology used for this project is:

**Benefit Cost Software:** Cost effectiveness for this project has been calculated using the FEMA approved BCA software. The Benefit Cost Ratio has been determined to be: 31.52. A zip file of the BCA runs is included with this application as required documentation. Details of the properties can be found in the Worksheets. Maintenance Costs must be included in the BCA, although they are not eligible project cost line items in the application budget. Upload an assurance letter from the signature authority that tells how much annual maintenance costs will be, what position or department will be responsible for maintenance, and how often it will be performed.

Total Project Benefit:

\$

The total of savings realized by this project.

Benefit Cost Ratio:

This value is calculated based on Benefit/Cost.

Please upload a copy of the Benefit Cost Analysis of the Project:

 Ranger Hill TX Pump Station PDF 503 KB	Jan 12, 2022
 Ranger Hill TX Pump Station BCA 49 KB	Jan 12, 2022

**Cost Effectiveness Narrative:** Provide a detailed description of the cost effectiveness indicating that there is a reasonable expectation that future damage or loss of life will be reduced or prevented.

## Budget Estimating

The method used to estimate project costs other than replacement costs is:

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were utilized with an inflation factor if necessary
- Public Works personnel provided estimates based on their experience and that of associates in the field
- RS Means, Marshall & Swift, other national cost estimation services
- Other

Note: Generators that are being used to replace existing units are required to show an increased level of mitigation, such as higher power rating or fuel source that does not require human interaction, i.e. Propane vs. Diesel

Budgeting Method

	WPI Bill of Material City of Ranger Quote SD... 99 KB	On Nov 3, 2021 by Toby Virden
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Provide backup documentation for method used

## Alternatives

### Proposed Action:

The placement of a new generator and automatic transfer switch will provide sufficient emergency electric power to maintain continuity of operations for the Ranger Hill Pump Station facility during times of electric power loss. The addition of a reliable emergency electric power generator and automatic transfer switch will maintain dependable water distribution service for all facilities serviced by the City of Ranger's Waterworks system. The generator would power automatically and the automatic transfer switch would switch affected systems to emergency electric power in the event of a loss of electric power from the service provider without the need for intervention by city personnel.

This is the proposed project. Explain why the proposed action is the preferred alternative. Identify how the preferred alternative would solve a problem, why the preferred alternative is the best solution and benefits the community, why and how the alternative is environmentally preferred and why the project is the economically preferred alternative. Also include the shortfalls or gaps associated with the proposed action.

### Alternative Action:

An alternative would be to rent a 100 Kw generator to provide emergency electric power. This would only be feasible in times of extended electric power loss. This scenario also requires for competition on the open market for a few available generators within a 200-250 miles radius. The successful rental of a generator of sufficient capacity to supply service is unlikely.

This is an alternative to the Proposed Project and would also solve the problem. It would be a viable project that could be substituted in the event the proposed project is not chosen. Identify how this project would solve the problem, the community benefits, and why it is an environmental and economic alternative. Also include the shortfalls or gaps associated with this action.

### No Action Alternative:

If no action is taken, a reliable source of emergency electric power will not be available to support the Ranger Hill Pump Station facility. The City of Ranger's Hill Pump Station will not have a source of emergency electric power. The facility would have no source of emergency electric power during outages of any duration. Water distribution will be hampered or interrupted in the event of an electric power loss. Pressure losses in the distribution system are likely, resulting in total outages or low-pressure requiring boil water notices for customers and drinking water distribution.

Evaluate the consequences of taking no action and leaving conditions as they currently exist. Please describe the benefits of this action and the shortfalls or gaps associated with this action.

# Timeline

## Project Milestones

Total # of weeks for entire project:

104

Task Description	Start Day	End Day
Signing Grant Agreement	1	90
Bidding and Procurement	1	90
Pour Concrete Pad	1	180
Purchase Generator	1	180
Delivery of Generator	1	180
Installation of Generator	181	360
Operation and Maintenance Training	181	360
Project Closeout	361	720
FEMA Project Closeout	361	720



# Certifications

## Certifications

Would you be willing to accept a reduced federal share or scale your project if there are funding limitations? This is highly recommended due to the limited federal funds available.

- Yes
- No

If this application is not selected for funding for the FEMA Hazard Mitigation Grant Program/Building Resilient Infrastructure and Communities (BRIC) programs, but may be eligible for other grant funding through TDEM or other partner agencies, do you wish to have TDEM share your information for consideration in other grant opportunities?

- Yes - I acknowledge my application will need to meet the requirements of other grant opportunities offered and I will still need to make application. I understand that selecting "yes" does NOT eliminate the need for me to separately apply for other grant opportunities.
- No

Certification

 Signed Grant Cert Ranger Hill Pump Station 342 KB	On Oct 25, 2021 by Toby Virden
---	--------------------------------

### Certification Template

Please download the template, sign and date, then upload the signed Certification document.

Application for Federal Assistance (SF-424):

 Signed SF 424 Ranger Hill Pump Station 1 MB	On Jan 12, 2022 by Toby Virden
---	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

Grant Terms and Conditions:

 Grant Terms and Conditions Complete 080121 14 MB	On Oct 21, 2021 by Toby Virden
--	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

## Documentation

### Documentation

#### USACE Consultation Letter

No documents.

USACE - the jurisdiction must demonstrate that it has consulted with the USACE regarding each subject property's potential use for the construction of a flood levee system (including berms, floodwalls, and dikes).

#### DOT Consultation Letter

No documents.

DOT - the jurisdiction must demonstrate that it has consulted with the relevant State DOT to ensure that future plans do not contain any improvements or enhancements to Federal aid systems or other State transportation projects that would affect the proposed project area under consideration.

#### Other Federal Agency Consultation Letter

No documents.

Other Federal Agency - the jurisdiction must demonstrate that it has consulted with other Federal agencies as appropriate, regarding other program requirements and/or activities, and have identified the relationship between them to FEMA mitigation grant activities and funding.

#### SHPO Consultation

No documents.

SHPO response needed if:

1. structure is or will be 45 years or older at the time of FEMA application review;
2. new ground is being disturbed; or
3. project is located in a Historic District.

This applies to all properties including alternates



Application - WCTCOG City of R...

# Project F14-S11: Worksheet #1 - Hill Pump Station

## Introduction

State Use Only

Status:

Included/Active

## General

Site Name:

Hill Pump Station

Used to help identify the worksheet/location. Ex: "Old City Hall Building".

Facility Type:

Water Treatment Plant

Construction Year:

2005

Was the building ever used as a courthouse?

No

## Location

Address:

110 S. Highpoint Dr.

City:

Ranger

State:

TX - Texas

Zip Code:

76470

Latitude:

32.4713

In Decimal Format to four (4) decimal places

Longitude:

-98.6892

In Decimal Format to four (4) decimal places

# Generator Data

Location: Exterior

Type of Generator: Fixed

Pad: New Pad

Distance of Pad from Building: 5 ft.  
Include unit of measure i.e. Inches, Feet

Dimensions of Pad: Height: 12 in

Width: 12 ft.

Length: 20 ft.

Include unit of measure i.e. Inches, Feet

Ground Disturbance Dimensions: Ground disturbance will include only the width and length of the pad. The depth of disturbance will not exceed 48 inches.

Include Depth of Ground Disturbance for Pad and any new Utility Connections

Other Features:

Special Location Conditions: N/A

If in the Special Flood Hazard Area (SFHA), provide Elevation. If adjacent to Wetlands or in a Coastal Zone, see required agency response letters.

Capacity: 80  
KW

Generator Voltage: 120  
V

Horsepower: 0.00  
HP

Generator Phase: Three

Transfer Switch: Yes

Type Of Controls: Automatic

Size: 300  
AMP

Fuel Type:

Diesel

Comments:

horsepower rating is not listed in factory specs

Please add additional information/remarks.

# Costs

## Cost Line Items

Select One

In this section, provide the details of all costs of the project. As this information is used for the Benefit-Cost Analysis, reasonable cost estimates are essential. As project administrative costs are calculated on a sliding scale, do not include this in the budget. List all items and costs in line item fashion.

- For Labor, include equipment costs -- please indicate all "soft" or in-kind matches.
- For Fees Paid, include any other costs associated with the project.
- Do not include indirect costs in project management costs.

Type	Description	Qty	Unit	Price	Pre-Award	Total
Materials/Supplies	80 Kw generator & automatic transfer switch	1	Each	\$ 30,200.00	No	\$30,200.00
Materials/Supplies	concrete pad	1	Each	\$ 10,000.00	No	\$10,000.00
Labor	electrician, removal of old generator, installation of new generator and supporting components	100	Each	\$ 200.00	No	\$20,000.00
Professional Services	engineering	1	Each	\$ 15,000.00	No	\$15,000.00
<b>Grand Total</b>						<b>\$75,200.00</b>

## Documentation

### Photos of Site:

 Photos Hill Pump Station 453 KB	Sep 22, 2021
 Ranger HillPS 911 photo 350 KB	Jan 7, 2022

3 color photos: full front, full back, and one full side. If the property is not accessible, 2 photos: front and one side.

### Specification Sheet for Type of Generator:

 Generac 80 kW Diesel Gen Spec 392 KB	Nov 2, 2021
--	-------------

### Certification of Generator Sizing (engineer, electric company, etc.):

 1001 Misc. City of Ranger Electrical Upgrade... 2 MB	Nov 2, 2021
 Letter Gen Size Certification Ranger Sealed ... 171 KB	Jan 12, 2022

### FIRMette with Project Location(s) Clearly Marked:

 Firmette Hill Pump Station 638 KB	Sep 23, 2021
 Application-WCTCOG-City-of-Ranger-Hill-Pump-... 706 KB	Jun 23, 2022

The section of the flood insurance rate map (FIRM) developed by the Federal Emergency Management Agency (FEMA) created online by selecting the desired area from an image of a FIRM with the location clearly marked which includes the map title block, north arrow, and scale bar.



# Project F84-S24: Application - WCTCOG Ranger Wastewater Lift Station Generators

Routing in Progress: Account Setup / Verification (Step 21 of 22)

**Deliverables**

- Entered the Direct Deposit Authorization Form or RTI information into the subrecipient's GMS account page.
- Verified the subrecipient's Direct Deposit information in GMS matches USAS, if applicable.
- Entered the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

[View All Completed Deliverables](#)

**Grant**

**4586 Texas Severe Winter Storms**  
 Hazard Mitigation Grant Program  
 Declared: February 19, 2021  
 Work Deadline: August 18, 2025  
 CFDA Number: 97.039

**Application Summary**

This form outlines all project details, including Scope of Work, all costs, and location worksheets.

<b>Title:</b>	WCTCOG Ranger Wastewater Lift Station Generators
<b>Total Project Cost:</b>	\$242,460.00
<b>Eligible Amount:</b>	\$242,460.00
<b>Funding Sources:</b>	Federal - \$229,124.70 State - \$0.00 Local - \$25,458.30
<b>Subrecipient Management Cost:</b>	\$12,123.00
<b>FEMA Obligation Data:</b>	Federal Number - 84 Date of Obligation Letter - < no value > CATEX Comments - < no value > Project POP Date - < no value > <a href="#">Edit</a>

**Applicant**

**West Central Texas Council of Governments**  
 Taylor County (5 - Northwest Texas Region Region)  
 UEI: C52UJJLEKA24  
 FIPS: 441-UWVYU-00  
 State#: 92552  
 FEIN #: 75-1244243  
 Vendor # (Applicant): 17512442439  
 DUNS #: 190574678 Type: Regional Governmental Organization  
 Physical/Mailing: 3702 Loop 322  
 Abilene, TX, 79602-7300

**Project**

**F #84 S #24**  
 WCTCOG Ranger Wastewater Lift Station Generators  
 Generator Generators Regular  
 Project POP Deadline:

 **Workflow Summary**

**Current Step:** 21) Account Setup / Verification  
**Extended Description:** A) Enter the Direct Deposit Authorization Form or RTI information into the Applicant's GMS account page.  
  
B) Verify subrecipient's Direct Deposit information in GMS matches USAS, if applicable.  
  
C) Enter the FAMIS Vendor ID and Sub-Code on the Applicant Manage page or Account page, if needed.

**Recipients:** Finance Administrator (State)

**Last Advanced:** Jun 20, 2023 at 9:22 PM by Angela Baker

**Submission:** Nov 4, 2021 at 5:13 PM by Toby Virden

August 18, 2025

Eligible: \$242,460.00

Federal: \$218,214.00 (90%)

Un-Expended Eligible:

\$242,460.00

## Introduction

State Use Only

Federal Number:

Obligation Letter Date:

Project POP Date:

Obligation Date:

CATEX Comments:

Application ID:

## Summary Information

Grant: 4586 Texas Severe Winter Storms

Project Type: Generators Regular(Generator Application - generator/generator\_v2)

Application Version:

Title:

Used to help identify the project. Ex: "St Thomas Bridge Reinforcement".

## Applicant Information

Applicant: **West Central Texas Council of Governments** [Edit]

**Location:** Taylor

**Type:** Regional Governmental Organization

**Mailing:** 3702 Loop 322, Abilene, TX 79602-7300

**Physical:** 3702 Loop 322, Abilene, TX 79602-7300

**FIPS:** 441-UWVYU-00

**FEIN #:** 75-1244243

**DUNS #:** 190574678

**SAM Registration Expiration Date:** Oct 17, 2023

**SAM Registration Status:** Active

**Congressional District:** 19

**State Senate District:** 24, 28

**State Legislative District:** 83, 68, 71, 60, 59,72

**Applicant Fiscal Year Ending Month:** 09

Is all above information correct and current?

Yes

DUNS #:

190574678

Applicant value

Organization Unit:

Public Works

Used to identify the department submitting the application. Ex. "Public Works"

## Contacts

Primary Contact: ?

Keith Collom - Director of Homeland Security

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: kcollom@westcentraltexas.org

Phone: 325-672-8544 ext. 102

Secondary Agent: ?

Toby Virden - Homeland Security Planner

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tvirden@westcentraltexas.org

Phone: 325-672-8544 ext. 120

Primary Finance Contact: ?

Kelly Cheek - Deputy Executive Director

[Edit](#)

Organization: West Central Texas Council of Government

Email Address: kcheek@westcentraltexas.org

Phone: 325-793-8544

Certifying Official: ?

Tom Smith - Executive Director

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tsmith@westcentraltexas.org

Phone: 325-672-8544 ext. 104

Alternate Contacts:

Name	Title	Email	Phone
------	-------	-------	-------

\* indicates a contact whose information may not be current or correct.

[Add Alternate Contact](#)

## Planning Requirement

For all disasters declared after November 1, 2004, a community must have a FEMA approved Local Hazard Mitigation Plan in order to be eligible for HMGP. Not required for Plan or Plan Update applications.

Does your community have a current FEMA approved multi-hazard mitigation plan?

Yes

Date of Plan Approval:

May 6, 2019

Mitigation Plan Page:

134 of 243

Page on which the project/activity proposed is listed in the Mitigation Plan.

Mitigation Plan Section:

attach D-1

Section in which the project/activity proposed is listed in the Mitigation Plan.

Does the community participate in the National Flood Insurance Program (NFIP)?

Yes

Community NFIP Status:

Participating Community

Is the community a member of good standing with the NFIP?

Yes

Date Established:

May 17, 1974

NFIP Number (CID):

480205

Project Management:

- The local jurisdiction will manage the project
- The local jurisdiction plans to hire a consultant/contractor to manage the project
- Other

Project management involves planning, executing, controlling, and completing the project in order to achieve specific goals and meet specific success criteria at the specified times, while providing updates on the progress and issues

# Worksheets

1 results

▼ #	Worksheet Title	Amount	Status
1	Ranger Wastewater Lift Stations	\$242,460.00	Included

## Scope of Work

### Description of the Problem:

Without a dependable source of emergency electric power, the continuity of operations for the City of Ranger Wastewater Lift Stations will be interrupted. A loss of electric power greatly inhibits the operations of critical wastewater facilities. It is equally important for wastewater services to have continuity of operations as it is for treated water service. The continued operation of the City of Ranger Wastewater Lift Stations during an electric power loss is crucial to the safety and well-being of the residents and visitors to the City of Ranger. No source of emergency electric power or transfer switch is in place for any of the three existing sewer lift stations. The placement of a dependable generator and automatic transfer switch with current technology resulting from this project will mitigate these issues. These lift stations provide service to approximately 2473 citizens of the City of Ranger.

Describe the specific problem the proposed project is intended to alleviate.

### Scope of Work: Description of the Solution & Mitigation Proposed:

The project will add a fully functioning diesel fueled 100 Kw generator, automatic transfer switch and supporting infrastructure to each of the three sewer lift stations. The generators will be used to provide emergency electric power to the City of Ranger wastewater lift stations. The project will involve the necessary electrical infrastructure upgrades as required, construction of a concrete pad, installation of a new generator, automatic transfer switch, and hard wiring of the new generator to the building power supply at each location. The project will also include the testing of the new equipment, training on the operation of the generator, and ongoing maintenance.

Describe the proposed scope of work to accomplish this project.

### Description of the Proposed Project:

#### Days 1-90

The grant agreement will be signed. Bidding and procurement for the project will be conducted.

#### Days 91-360

Pour the concrete pad, the generator will be purchased, the generator will be received and installed. Personnel will be trained on operation and maintenance of the generator.

#### Days 361-720

All project closeout procedures will be completed.

Describe, in detail, the proposed project. Also, explain how the proposed project will solve the problem(s) and provide the level(s) of protection described above. If any other projects are underway or proposed in the project area, please describe. Also describe any planned, future development in the project area. Please include building code requirements for new development and substantial improvements in the community.

# Costs

## Worksheet Cost Type Summary

Cost Type	Quantity Sum	Unit Cost Avg.	Total Cost Sum
Labor	4.00	\$10,000.00	\$40,000.00
Materials/Supplies	8.00	\$21,445.00	\$142,460.00
Professional Services	4.00	\$15,000.00	\$60,000.00

State Use Only

Does this project qualify for Strategic Funds Management?

No

Strategic Funds Management may be used for projects a) over \$1 million federal share; b) with a timeline greater than 6 months; c) that will not be phased.

## Cost Line Items

Please specify any project costs that aren't worksheet or site-specific (since those costs will be specified in the individual worksheets).

Phased Project:

No

If this project is to be done in 2 phases - A and B.

Type	Description	Qty	Unit	Price Pre-Award	Total
<b>Worksheet Total</b>					<b>\$242,460.00</b>
<b>Application Total</b>					<b>\$0.00</b>
<b>Grand Total</b>					<b>\$242,460.00</b>

Budget Narrative:

 Cost Certification Ltr Signed 337 KB	Sep 23, 2021
 BudRWWLS 168 KB	Jan 10, 2022

The jurisdiction will ensure that all project costs are reasonable and necessary for the activity according to 2 CFR § Part 200 Uniform Administrative (URA) Requirements, Cost Principles, and Audit Requirements for Federal Awards. Please include explanation/justification for project and Subrecipient Management Cost amounts.

## Subrecipient Management Cost



Will this sub-application be requesting any Subrecipient Management Cost amounts?

Opt-In

**Cost Line Items**

Please specify any project management costs.

Type	Description	Qty	Unit	Price	Total
Award Administration (Mgmt Cost)	Management & Administration West Central Texas Council of Governments 5%	0.00	Each	\$ 242,460.00	\$12,123.00
<b>Subrecipient Management Cost Total</b>					<b>\$12,123.00</b>

**Funding Sources**

Method:  By Percent  By Amount

Funding Source / Other Agency

FEMA Share:  % \$218,214.00

State Share:  % \$0.00

Non-Federal Share - Local Share (Include In-Kind Value):  % \$24,246.00


Total Allocated:  % \$242,460.00

Subrecipient Management Cost Amount: \$

The amount of Subrecipient Management Cost requested for this Project.

**Non-Federal Funding Share**

List all sources and amounts utilized in the non-federal share including all in-kind services. In-kind services may not exceed 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Funding Source	Amount	Commitment Letter
local funds	City of Ranger	Cash	\$ 60,615.00	

## Cost Effectiveness

Not required for Plan or Plan Update applications

The cost effectiveness methodology used for this project is:

**Benefit Cost Software:** Cost effectiveness for this project has been calculated using the FEMA approved BCA software. The Benefit Cost Ratio has been determined to be: 13.23. A zip file of the BCA runs is included with this application as required documentation. Details of the properties can be found in the Worksheets. Maintenance Costs must be included in the BCA, although they are not eligible project cost line items in the application budget. Upload an assurance letter from the signature authority that tells how much annual maintenance costs will be, what position or department will be responsible for maintenance, and how often it will be performed.

Total Project Benefit: \$

The total of savings realized by this project.

Benefit Cost Ratio:

This value is calculated based on Benefit/Cost.

Please upload a copy of the Benefit Cost Analysis of the Project:

 Ranger TX Wastewater Lift Station PDF 503 KB	Jan 12, 2022
 Ranger TX Wastewater Lift Station BCA 49 KB	Jan 12, 2022

**Cost Effectiveness Narrative:** Provide a detailed description of the cost effectiveness indicating that there is a reasonable expectation that future damage or loss of life will be reduced or prevented.

## Budget Estimating

The method used to estimate project costs other than replacement costs is:

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were utilized with an inflation factor if necessary
- Public Works personnel provided estimates based on their experience and that of associates in the field
- RS Means, Marshall & Swift, other national cost estimation services
- Other

Note: Generators that are being used to replace existing units are required to show an increased level of mitigation, such as higher power rating or fuel source that does not require human interaction, i.e. Propane vs. Diesel

Budgeting Method

	<b>BACKUP POWER UPGRADES SHEET</b> with cost Sealed... 109 KB	On Nov 3, 2021 by Toby Virden
---	--	-------------------------------

Provide backup documentation for method used

## Alternatives

### Proposed Action:

The placement of a new generator and automatic transfer switch for each lift station will provide sufficient emergency electric power to maintain continuity of operations for the Ranger Wastewater Treatment system during times of electric power loss. The addition of a reliable emergency electric power generator and automatic transfer switch will maintain dependable sewer service for all facilities serviced by the City of Ranger's Wastewater system. The generator would power automatically and the automatic transfer switch would switch affected systems to emergency electric power in the event of a loss of electric power from the service provider without the need for intervention by city personnel.

This is the proposed project. Explain why the proposed action is the preferred alternative. Identify how the preferred alternative would solve a problem, why the preferred alternative is the best solution and benefits the community, why and how the alternative is environmentally preferred and why the project is the economically preferred alternative. Also include the shortfalls or gaps associated with the proposed action.

### Alternative Action:

An alternative would be to rent three 100 Kw generators to provide emergency electric power. This would only be feasible in times of extended electric power loss. This scenario also requires for competition on the open market for a few available generators within a 200-250 miles radius. The successful rental of three generators of sufficient capacity to supply service is unlikely. Each generator would require wiring in in the absence of a transfer switch.

This is an alternative to the Proposed Project and would also solve the problem. It would be a viable project that could be substituted in the event the proposed project is not chosen. Identify how this project would solve the problem, the community benefits, and why it is an environmental and economic alternative. Also include the shortfalls or gaps associated with this action.

### No Action Alternative:

If no action is taken, a reliable source of emergency electric power will not be available to support the Ranger Wastewater lift stations. The City of Ranger's Wastewater Lift Stations will not have a source of emergency electric power. Wastewater backup is likely during times of extended power outages. The facility would have no source of emergency electric power during outages of any duration.

Evaluate the consequences of taking no action and leaving conditions as they currently exist. Please describe the benefits of this action and the shortfalls or gaps associated with this action.

# Timeline

## Project Milestones

Total # of weeks for entire project:

104

Task Description	Start Day	End Day
Signing Grant Agreement	1	90
Bidding and Procurement	1	90
Pour Concrete Pad	91	360
Purchase Generator	181	360
Delivery of Generator	181	360
Installation of Generator	181	360
Operation and Maintenance Training	181	360
Project Closeout	361	720
FEMA Project Closeout	361	720

# Certifications

## Certifications

Would you be willing to accept a reduced federal share or scale your project if there are funding limitations?  
This is highly recommended due to the limited federal funds available.

- Yes
- No

If this application is not selected for funding for the FEMA Hazard Mitigation Grant Program/Building Resilient Infrastructure and Communities (BRIC) programs, but may be eligible for other grant funding through TDEM or other partner agencies, do you wish to have TDEM share your information for consideration in other grant opportunities?

- Yes - I acknowledge my application will need to meet the requirements of other grant opportunities offered and I will still need to make application. I understand that selecting "yes" does NOT eliminate the need for me to separately apply for other grant opportunities.
- No

Certification

 <a href="#">Grant Certification Ranger Wastewater</a> 339 KB	On Oct 25, 2021 by Toby Virden
--	--------------------------------

### Certification Template

Please download the template, sign and date, then upload the signed Certification document.

Application for Federal Assistance (SF-424):

 <a href="#">Signed SF424 Ranger WWLS</a> 1 MB	On Jan 12, 2022 by Toby Virden
---	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

Grant Terms and Conditions:

 <a href="#">Grant Terms and Conditions Complete 080121</a> 14 MB	On Sep 23, 2021 by Toby Virden
--	--------------------------------

Template is available to download in the Document Templates section at the bottom of this screen.

# Documentation

## Documentation

### USACE Consultation Letter

No documents.

USACE - the jurisdiction must demonstrate that it has consulted with the USACE regarding each subject property's potential use for the construction of a flood levee system (including berms, floodwalls, and dikes).

### DOT Consultation Letter

No documents.

DOT - the jurisdiction must demonstrate that it has consulted with the relevant State DOT to ensure that future plans do not contain any improvements or enhancements to Federal aid systems or other State transportation projects that would affect the proposed project area under consideration.

### Other Federal Agency Consultation Letter

No documents.

Other Federal Agency - the jurisdiction must demonstrate that it has consulted with other Federal agencies as appropriate, regarding other program requirements and/or activities, and have identified the relationship between them to FEMA mitigation grant activities and funding.

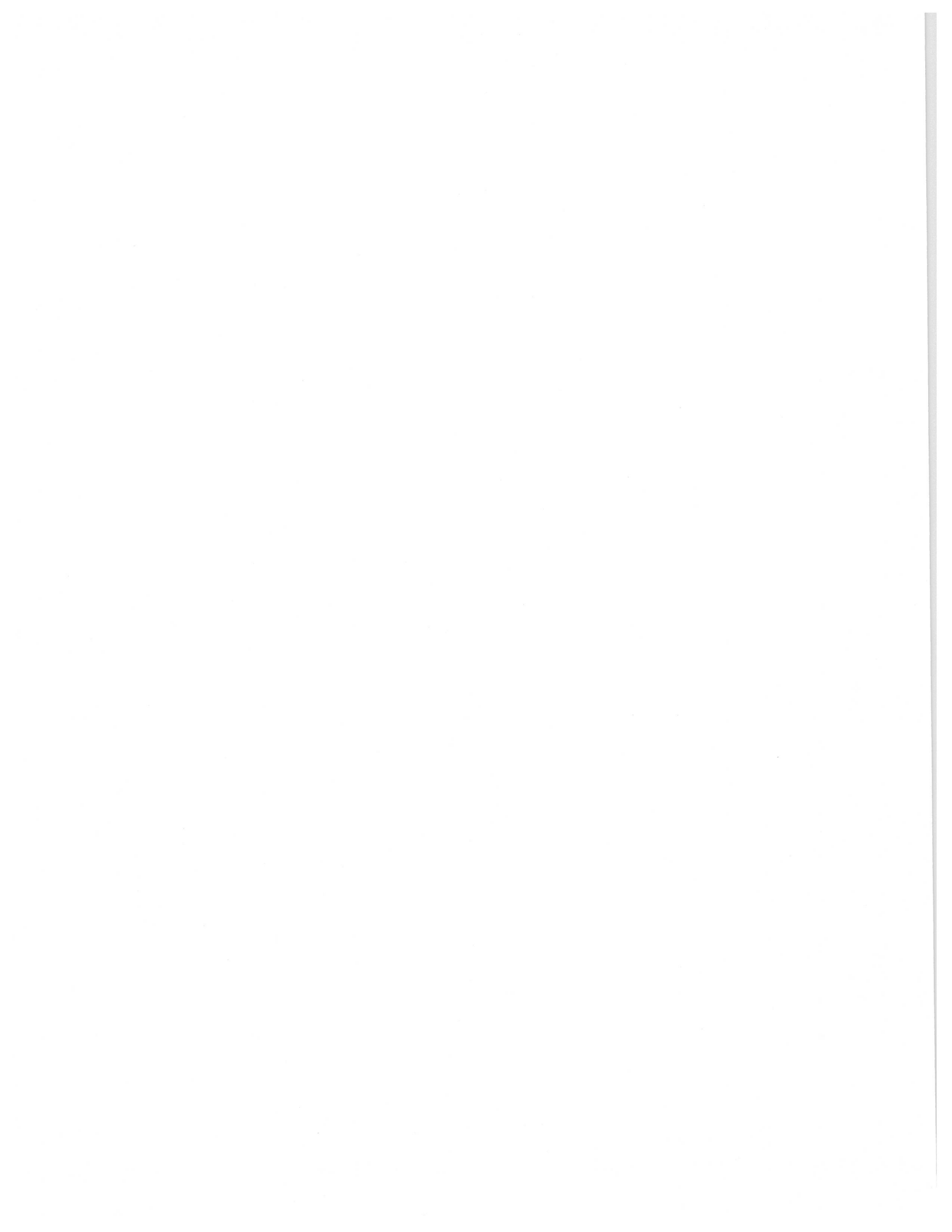
### SHPO Consultation

No documents.

SHPO response needed if:

1. structure is or will be 45 years or older at the time of FEMA application review;
2. new ground is being disturbed; or
3. project is located in a Historic District.

This applies to all properties including alternates





# Project F84-S24: Worksheet #1 - Ranger Wastewater Lift Stations

## Introduction

State Use Only

Status:

Included/Active

## General

Site Name:

Ranger Wastewater Lift Stations

Used to help identify the worksheet/location. Ex: "Old City Hall Building".

Facility Type:

Wastewater Treatment Plant

Construction Year:

2015

Was the building ever used as a courthouse?

No

## Location

Address:

2310 IH 20, 5645 IH 20, 4802 IH 20

City:

Ranger

State:

TX - Texas

Zip Code:

76470

Latitude:

32.4753

In Decimal Format to four (4) decimal places

Longitude:

98.6256

In Decimal Format to four (4) decimal places

## Generator Data

Location:

Exterior

Type of Generator:

Fixed

Pad:

New Pad

Distance of Pad from Building:

10 ft

Include unit of measure i.e. Inches, Feet

Dimensions of Pad:

Height: 12 in.

Width: 12 ft

Length: 20 ft

Include unit of measure i.e. Inches, Feet

Ground Disturbance Dimensions:

12 ft wide x 20 ft long x 12 inches deep

Include Depth of Ground Disturbance for Pad and any new Utility Connections

Other Features:

Special Location Conditions:

none

If in the Special Flood Hazard Area (SFHA), provide Elevation. If adjacent to Wetlands or in a Coastal Zone, see required agency response letters.

Capacity:

50

KW

Generator Voltage:

240

V

Horsepower:

0.00

HP

Generator Phase:

Three

Transfer Switch:

Yes

Type Of Controls:

Automatic

Size:

100

AMP

Fuel Type:

Diesel

Comments:

total of four generators, automatic transfer switches, and supporting infrastructure for the three wastewater lift stations in the City of Ranger Wastewater System.

One 50 Kw diesel 3Ph 240/120 V with 200-amp ATS

One 50 Kw diesel 3Ph 480/277 V with 100-amp ATS

Two 40 Kw diesel 3Ph 480/277 V with 100-amp ATS

Please add additional information/remarks.

# Costs

## Cost Line Items

Select One

In this section, provide the details of all costs of the project. As this information is used for the Benefit-Cost Analysis, reasonable cost estimates are essential. As project administrative costs are calculated on a sliding scale, do not include this in the budget. List all items and costs in line item fashion.

- For Labor, include equipment costs -- please indicate all "soft" or in-kind matches.
- For Fees Paid, include any other costs associated with the project.
- Do not include indirect costs in project management costs.

Type	Description	Qty	Unit	Price	Pre-Award	Total
Materials/Supplies	50 KW generator & 100 amp automatic transfer switch	1	Each	\$ 24,200.00	No	\$24,200.00
Materials/Supplies	concrete pad	4	Each	\$ 10,000.00	No	\$40,000.00
Labor	removal of old generator, installation of new generator and supporting components	4	Each	\$ 10,000.00	No	\$40,000.00
Professional Services	engineering	4	Each	\$ 15,000.00	No	\$60,000.00
Materials/Supplies	40 KW generator & automatic transfer switch	2	Each	\$ 26,680.00	No	\$53,360.00
Materials/Supplies	50 KW generator & 200 amp automatic transfer switch	1	Each	\$ 24,900.00	No	\$24,900.00
<b>Grand Total</b>						<b>\$242,460.00</b>

## Documentation

### Photos of Site:

 Photos Illustrated Ranger WW Lift Stations 1 MB	Nov 3, 2021
 911 4 Maps Ranger WWLS 1 MB	Nov 3, 2021
 Ranger HillPS 911 photo 350 KB	Jan 7, 2022

3 color photos: full front, full back, and one full side. If the property is not accessible, 2 photos: front and one side.

### Specification Sheet for Type of Generator:

 Generator Specs 40 50 KW Ranger WW Lift Stat... 6 MB	Nov 3, 2021
 BACKUP POWER UPGRADES SHEET with cost Sealed... 109 KB	Jan 12, 2022

### Certification of Generator Sizing (engineer, electric company, etc.):

 Letter Gen Size Certification Ranger Sealed ... 171 KB	Jan 12, 2022
--	--------------

### FIRMette with Project Location(s) Clearly Marked:

 Firmette Ranger WW Lift Stations 4 sites 2 MB	Nov 3, 2021
---	-------------

The section of the flood insurance rate map (FIRM) developed by the Federal Emergency Management Agency (FEMA) created online by selecting the desired area from an image of a FIRM with the location clearly marked which includes the map title block, north arrow, and scale bar.

# Project F18-S12: Application - WCTCOG City of Ranger Wastewater Treatment Generator

Routing in Progress: Assign FEMA Application Review (Step 12 of 22)

## Deliverables

[View All Completed Deliverables](#)

## Application Summary

This form outlines all project details, including Scope of Work, all costs, and location worksheets.

**Title:** WCTCOG City of Ranger Wastewater Treatment Generator

**Total Project Cost:** \$72,700.00

**Eligible Amount:** \$72,700.00

**Funding Sources:** Federal - \$65,430.00  
State - \$0.00  
Local - \$7,270.00

**Subrecipient Management Cost:** \$3,635.00

**FEMA Obligation Data:** Federal Number - 18  
Date of Obligation Letter - < no value >  
CATEX Comments - < no value >  
Project POP Date - < no value >  
[Edit](#)

## Grant

### 4586 Texas Severe Winter Storms

Hazard Mitigation Grant Program

Declared: February 19, 2021  
Work Deadline: August 18, 2025  
CFDA Number: 97.039

## Applicant

### West Central Texas Council of Governments

Taylor County (5 - Northwest Texas Region Region)  
UEI: C52UJJLEKA24  
FIPS: 441-UWVYU-00  
State#: 92552  
FEIN #: 75-1244243  
Vendor # (Applicant): 17512442439  
DUNS #: 190574678 Type: Regional Governmental Organization  
Physical/Mailing: 3702 Loop 322  
Abilene, TX, 79602-7300

## Project

### F #18 S #12

WCTCOG City of Ranger Wastewater Treatment Generator  
Generator Generators  
Regular  
Project POP Deadline:

## Workflow Summary

**Current Step:** 12) Assign FEMA Application Review

**Extended Description:** A) Enter the FEMA Specialist's Name as the Recipient of the next step, assigned to review and process the Project Closeout request, when advancing this item.

August 18, 2025

Eligible: \$0.00

Federal: \$0.00 (90%)

Un-Expended Eligible:  
\$72,700.00

**Recipients:** FEMA HM Lead (State), Marty Chester

**Last Advanced:** Jul 6, 2022 at 5:13 PM by Anne Lehnick

**Last Modified:** Jul 6, 2022 at 5:14 PM by Anne Lehnick

**Submission:** Nov 4, 2021 at 5:10 PM by Toby Virden

## Introduction

State Use Only

Federal Number:

Obligation Letter Date:

Project POP Date:

Obligation Date:

CATEX Comments:

Application ID:

## Summary Information

Grant: 4586 Texas Severe Winter Storms

Project Type: Generators Regular(Generator Application - generator/generator\_v2)

Application Version:

Title:

Used to help identify the project. Ex: "St Thomas Bridge Reinforcement".

## Applicant Information

Applicant: **West Central Texas Council of Governments** [Edit]

**Location:** Taylor

**Type:** Regional Governmental Organization

**Mailing:** 3702 Loop 322, Abilene, TX 79602-7300

**Physical:** 3702 Loop 322, Abilene, TX 79602-7300

**FIPS:** 441-UWVYU-00

**FEIN #:** 75-1244243

**DUNS #:** 190574678

**SAM Registration Expiration Date:** Oct 17, 2023

**SAM Registration Status:** Active

**Congressional District:** 19

**State Senate District:** 24, 28

**State Legislative District:** 83, 68, 71, 60, 59,72

**Applicant Fiscal Year Ending Month:** 09



Is all above information correct and current?

Yes

DUNS #:

190574678

Applicant value

Organization Unit:

Public Works

Used to identify the department submitting the application. Ex. "Public Works"

### Contacts

Primary Contact: ?

Keith Collom - Director of Homeland Security

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: kcollom@westcentraltexas.org

Phone: 325-672-8544 ext. 102

Secondary Agent: ?

Toby Virden - Homeland Security Planner

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tvirden@westcentraltexas.org

Phone: 325-672-8544 ext. 120

Primary Finance Contact: ?

Select One

Certifying Official: ?

Tom Smith - Executive Director

[Edit](#)

Organization: West Central Texas Council of Governments

Email Address: tsmith@westcentraltexas.org

Phone: 325-672-8544 ext. 104

Alternate Contacts:

Name	Title	Email	Phone	
Jason Kelton	Homeland Security Planner	jkelton@westcentraltexas.org	325-672-8544	<a href="#">Edit</a>

\* indicates a contact whose information may not be current or correct.

[Add Alternate Contact](#)

### Planning Requirement

For all disasters declared after November 1, 2004, a community must have a FEMA approved Local Hazard

Mitigation Plan in order to be eligible for HMGP. Not required for Plan or Plan Update applications.

Does your community have a current FEMA approved multi-hazard mitigation plan?

Yes

Date of Plan Approval:

May 6, 2019

Mitigation Plan Page:

134 of 243

Page on which the project/activity proposed is listed in the Mitigation Plan.

Mitigation Plan Section:

Attach D-1

Section in which the project/activity proposed is listed in the Mitigation Plan.

Does the community participate in the National Flood Insurance Program (NFIP)?

Yes

Community NFIP Status:

Participating Community

Is the community a member of good standing with the NFIP?

Yes

Date Established:

May 17, 1974

NFIP Number (CID):

480205

Project Management:

- The local jurisdiction will manage the project
- The local jurisdiction plans to hire a consultant/contractor to manage the project
- Other

Project management involves planning, executing, controlling, and completing the project in order to achieve specific goals and meet specific success criteria at the specified times, while providing updates on the progress and issues

# Worksheets

1 results

▼ #	Worksheet Title	Amount	Status
1	Ranger Wastewater Treatment Plant	\$72,700.00	Included

## Scope of Work

### Description of the Problem:

Without a dependable source of emergency electric power, the continuity of operations for the City of Ranger Wastewater Treatment Plant will be interrupted. A loss of electric power greatly inhibits the operations of critical wastewater facilities. It is equally important for wastewater services to have continuity of operations as it is for treated water service. The continued operation of the City of Ranger Wastewater Treatment Plant during an electric power loss is crucial to the safety and well-being of the residents and visitors to the City of Ranger. The current generator has a significant coolant leak, and the existing automatic transfer switch has failed and is beyond repair. The placement of a dependable generator and automatic transfer switch with current technology resulting from this project will mitigate these issues. The wastewater treatment plant serves the 2300 citizens of the City of Ranger.

Describe the specific problem the proposed project is intended to alleviate.

### Scope of Work: Description of the Solution & Mitigation Proposed:

The project will add a fully functioning diesel fueled 175 Kw three phase generator and supporting infrastructure. The generator will be used to provide emergency electric power to the City of Ranger Wastewater Treatment Plant. The plant serves as the primary sewer station for the business and industry within the City of Ranger. The project will involve the necessary electrical infrastructure upgrades as required, installation of a new generator, automatic transfer switch, and hard wiring of the new generator to the building power supply. The generator will be placed within an existing security fence on the perimeter of the wastewater treatment plant facility. The generator includes a fuel supply tank, and no additional fuel source is required. The project will also include the testing of the new equipment, training on the operation of the generator, and ongoing maintenance.

Describe the proposed scope of work to accomplish this project.

Description of the Proposed Project:

Days 1-90 will include the signing of the grant agreement, with quotations being obtained for all equipment and labor to complete the project. Bidding and procurement will take place, and the generator will be ordered, and delivery arranged.

Days 91-360 will include all labor being scheduled according to availability of equipment, materials, and labor. The existing equipment being removed from service will be removed, all preparatory work will be conducted, and all new equipment will be placed, installed, and tested. Personnel will be trained in the use and function of all new equipment.

Days 181-360--The final inspection will take place. Once the final inspection is approved, all documentation will be submitted to finalize the project. The project closeout will be completed.

The total project is projected to be completed in 720 days, or 104 weeks.

Describe, in detail, the proposed project. Also, explain how the proposed project will solve the problem(s) and provide the level(s) of protection described above. If any other projects are underway or proposed in the project area, please describe. Also describe any planned, future development in the project area. Please include building code requirements for new development and substantial improvements in the community.

# Costs

## Worksheet Cost Type Summary

Cost Type	Quantity Sum	Unit Cost Avg.	Total Cost Sum
Labor	63.00	\$200.00	\$12,600.00
Materials/Supplies	2.00	\$22,550.00	\$45,100.00
Professional Services	1.00	\$15,000.00	\$15,000.00

State Use Only

Does this project qualify for Strategic Funds Management?

Strategic Funds Management may be used for projects a) over \$1 million federal share; b) with a timeline greater than 6 months; c) that will not be phased.

## Cost Line Items

Please specify any project costs that aren't worksheet or site-specific (since those costs will be specified in the individual worksheets).

Phased Project:

If this project is to be done in 2 phases - A and B.

Type	Description	Qty	Unit	Price Pre-Award	Total
<b>Worksheet Total</b>					<b>\$72,700.00</b>
<b>Application Total</b>					<b>\$0.00</b>
<b>Grand Total</b>					<b>\$72,700.00</b>

Budget Narrative:

 <a href="#">Cost Certification Ltr Signed</a> 337 KB	Sep 22, 2021
 <a href="#">BudRWWTP</a> 163 KB	Jan 10, 2022

The jurisdiction will ensure that all project costs are reasonable and necessary for the activity according to 2 CFR § Part 200 Uniform Administrative (URA) Requirements, Cost Principles, and Audit Requirements for Federal Awards. Please include explanation/justification for project and Subrecipient Management Cost amounts.

## Subrecipient Management Cost

Will this sub-application be requesting any Subrecipient Management Cost amounts?

Opt-In

**Cost Line Items**

Please specify any project management costs.

Type	Description	Qty	Unit	Price	Total
Award Administration (Mgmt Cost)	Management & Administration by West Central Texas Council of Governments 5% of award	1	Each	\$ 3,635.00	\$3,635.00
<b>Subrecipient Management Cost Total</b>					<b>\$3,635.00</b>

**Funding Sources**

Method:

By Percent  By Amount

Funding Source / Other Agency

FEMA Share:  % \$65,430.00

State Share:  % \$0.00

Non-Federal Share - Local Share (Include In-Kind Value):  % \$7,270.00


Total Allocated:  % \$72,700.00

Subrecipient Management Cost Amount: \$

The amount of Subrecipient Management Cost requested for this Project.

**Non-Federal Funding Share**

List all sources and amounts utilized in the non-federal share including all in-kind services. In-kind services may not exceed 25% non-federal share. If any portion of the non-Federal share will come from non-applicant sources (donated services, private donation, etc.), attach letters of funding commitment for each non-applicant source.

Source	Name of Source Agency	Funding Source	Amount	Commitment Letter
Local Funds and/or in-kind services	City of Ranger	Cash	\$ 18,175.00	

## Cost Effectiveness

Not required for Plan or Plan Update applications

The cost effectiveness methodology used for this project is:

**Benefit Cost Software:** Cost effectiveness for this project has been calculated using the FEMA approved BCA software. The Benefit Cost Ratio has been determined to be: 43.28. A zip file of the BCA runs is included with this application as required documentation. Details of the properties can be found in the Worksheets. Maintenance Costs must be included in the BCA, although they are not eligible project cost line items in the application budget. Upload an assurance letter from the signature authority that tells how much annual maintenance costs will be, what position or department will be responsible for maintenance, and how often it will be performed.

Total Project Benefit: \$

The total of savings realized by this project.

Benefit Cost Ratio:

This value is calculated based on Benefit/Cost.

Please upload a copy of the Benefit Cost Analysis of the Project:

 Ranger TX Wastewater Treatment Plant PDF 503 KB	Jan 11, 2022
 Ranger TX Wastewater Treatment Plant BCA 49 KB	Jan 11, 2022

**Cost Effectiveness Narrative:** Provide a detailed description of the cost effectiveness indicating that there is a reasonable expectation that future damage or loss of life will be reduced or prevented.

## Budget Estimating

The method used to estimate project costs other than replacement costs is:

- Estimates were obtained from construction contractors and similar vendors
- Historical data from previous projects/activities were utilized with an inflation factor if necessary
- Public Works personnel provided estimates based on their experience and that of associates in the field
- RS Means, Marshall & Swift, other national cost estimation services
- Other

Note: Generators that are being used to replace existing units are required to show an increased level of mitigation, such as higher power rating or fuel source that does not require human interaction, i.e. Propane vs. Diesel



Budgeting Method

	Generator Purchase Cost Estimate 09-13-2021 91 KB	On Sep 22, 2021 by Toby Virden
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Provide backup documentation for method used

## Alternatives

### Proposed Action:

The placement of a new generator and automatic transfer switch will provide sufficient emergency electric power to maintain continuity of operations for the Ranger Wastewater Treatment Plant facility during times of electric power loss. The addition of a reliable emergency electric power generator and automatic transfer switch will maintain dependable sewer service for all facilities serviced by the City of Ranger's Wastewater system. The generator would power automatically and the automatic transfer switch would switch affected systems to emergency electric power in the event of a loss of electric power from the service provider without the need for intervention by city personnel.

This is the proposed project. Explain why the proposed action is the preferred alternative. Identify how the preferred alternative would solve a problem, why the preferred alternative is the best solution and benefits the community, why and how the alternative is environmentally preferred and why the project is the economically preferred alternative. Also include the shortfalls or gaps associated with the proposed action.

### Alternative Action:

An alternative would be to rent a 175 Kw generator to provide emergency electric power. This would only be feasible in times of extended electric power loss. This scenario also requires for competition on the open market for a few available generators within a 200-250 miles radius. The successful rental of a generator of sufficient capacity to supply service is unlikely.

This is an alternative to the Proposed Project and would also solve the problem. It would be a viable project that could be substituted in the event the proposed project is not chosen. Identify how this project would solve the problem, the community benefits, and why it is an environmental and economic alternative. Also include the shortfalls or gaps associated with this action.

### No Action Alternative:

If no action is taken, a reliable source of emergency electric power will not be available to support the Ranger Wastewater Treatment Plant facility. The City of Ranger's Wastewater Treatment Plant will not have a source of emergency electric power. Wastewater backup is likely during times of extended power outages. The facility would have no source of emergency electric power during outages of any duration.

Evaluate the consequences of taking no action and leaving conditions as they currently exist. Please describe the benefits of this action and the shortfalls or gaps associated with this action.

# Timeline

## Project Milestones

Total # of weeks for entire project:

104

Task Description	Start Day	End Day
Signing Grant Agreement	1	90
Bidding and Procurement	1	90
Purchase Generator	91	180
Delivery of Generator	91	180
Installation of Generator	181	360
Operation and Maintenance Training	181	360
Project Closeout	631	720
FEMA Project Closeout	631	720

# Certifications

## Certifications

Would you be willing to accept a reduced federal share or scale your project if there are funding limitations?  
This is highly recommended due to the limited federal funds available.

- Yes
- No

If this application is not selected for funding for the FEMA Hazard Mitigation Grant Program/Building Resilient Infrastructure and Communities (BRIC) programs, but may be eligible for other grant funding through TDEM or other partner agencies, do you wish to have TDEM share your information for consideration in other grant opportunities?

- Yes - I acknowledge my application will need to meet the requirements of other grant opportunities offered and I will still need to make application. I understand that selecting "yes" does NOT eliminate the need for me to separately apply for other grant opportunities.
- No

Certification

 Signed Grant Cert Ranger WWTP 344 KB	On Nov 2, 2021 by Toby Virden
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### Certification Template

Please download the template, sign and date, then upload the signed Certification document.

Application for Federal Assistance (SF-424):

 Signed SF 424 Ranger WWTP 1 MB	On Nov 3, 2021 by Toby Virden
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Template is available to download in the Document Templates section at the bottom of this screen.

Grant Terms and Conditions:

 Grant Terms and Conditions Complete 080121 14 MB	On Sep 22, 2021 by Toby Virden
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Template is available to download in the Document Templates section at the bottom of this screen.

## Documentation

### Documentation

#### USACE Consultation Letter

No documents.

USACE - the jurisdiction must demonstrate that it has consulted with the USACE regarding each subject property's potential use for the construction of a flood levee system (including berms, floodwalls, and dikes).

#### DOT Consultation Letter

No documents.

DOT - the jurisdiction must demonstrate that it has consulted with the relevant State DOT to ensure that future plans do not contain any improvements or enhancements to Federal aid systems or other State transportation projects that would affect the proposed project area under consideration.

#### Other Federal Agency Consultation Letter

No documents.

Other Federal Agency - the jurisdiction must demonstrate that it has consulted with other Federal agencies as appropriate, regarding other program requirements and/or activities, and have identified the relationship between them to FEMA mitigation grant activities and funding.

#### SHPO Consultation

No documents.

SHPO response needed if:

1. structure is or will be 45 years or older at the time of FEMA application review;
2. new ground is being disturbed; or
3. project is located in a Historic District.

This applies to all properties including alternates

# Project F18-S12: Worksheet #1 - Ranger Wastewater Treatment Plant

## Introduction

State Use Only

Status:

Included/Active

## General

Site Name:

Ranger Wastewater Treatment Plant

Used to help identify the worksheet/location. Ex: "Old City Hall Building".

Facility Type:

Wastewater Treatment Plant

Construction Year:

1998

Was the building ever used as a courthouse?

No

## Location

Address:

1400 Garrett St.

City:

Ranger

State:

TX - Texas

Zip Code:

76470

Latitude:

32.4786

In Decimal Format to four (4) decimal places

Longitude:

-98.6665

In Decimal Format to four (4) decimal places

## Generator Data

Location:	Exterior
Type of Generator:	Fixed
Pad:	Existing Pad
Ground Disturbance Dimensions:	no ground disturbance <small>Include Depth of Ground Disturbance for Pad and any new Utility Connections</small>
Other Features:	
Special Location Conditions:	none <small>If in the Special Flood Hazard Area (SFHA), provide Elevation. If adjacent to Wetlands or in a Coastal Zone, see required agency response letters.</small>
Capacity:	175 KW
Generator Voltage:	480 V
Horsepower:	0.00 HP
Generator Phase:	Three
Transfer Switch:	Yes
Type Of Controls:	Automatic
Size:	400 AMP
Fuel Type:	Diesel
Comments:	horsepower rating not listed in the factory specifications <small>Please add additional information/remarks.</small>

# Costs

## Cost Line Items

Select One

In this section, provide the details of all costs of the project. As this information is used for the Benefit-Cost Analysis, reasonable cost estimates are essential. As project administrative costs are calculated on a sliding scale, do not include this in the budget. List all items and costs in line item fashion.

- For Labor, include equipment costs -- please indicate all "soft" or in-kind matches.
- For Fees Paid, include any other costs associated with the project.
- Do not include indirect costs in project management costs.

Type	Description	Qty	Unit	Price	Pre-Award	Total
Materials/Supplies	175 Kw generator	1	Each	\$ 41,900.00	No	\$41,900.00
Materials/Supplies	400 amp automatic transfer switch	1	Each	\$ 3,200.00	No	\$3,200.00
Professional Services	engineering	1	Each	\$ 15,000.00	No	\$15,000.00
Labor	Electrician, remove and replace existing equipment	63	Hour	\$ 200.00	No	\$12,600.00
<b>Grand Total</b>						<b>\$72,700.00</b>



## Documentation

### Photos of Site:

 Photos Ranger WWTP 110221 332 KB	Nov 2, 2021
 Ranger WWTP 911 photo 396 KB	Jan 7, 2022

3 color photos: full front, full back, and one full side. If the property is not accessible, 2 photos: front and one side.

### Specification Sheet for Type of Generator:

 Generac 175 kW Diesel Gen Set 400 KB	Nov 2, 2021
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### Certification of Generator Sizing (engineer, electric company, etc.):

 BACKUP POWER UPGRADES SHEET with cost Sealed... 109 KB	Nov 2, 2021
 Letter Gen Size Certification Ranger Sealed ... 171 KB	Jan 11, 2022

### FIRMette with Project Location(s) Clearly Marked:

 Firmette Ranger WWTP 110221 554 KB	Nov 2, 2021
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The section of the flood insurance rate map (FIRM) developed by the Federal Emergency Management Agency (FEMA) created online by selecting the desired area from an image of a FIRM with the location clearly marked which includes the map title block, north arrow, and scale bar.