



FEMA

January 14, 2025

Jacques Thibodeaux, Director
Governor's Office of Homeland Security and Emergency Preparedness
7667 Independence Boulevard
Baton Rouge, LA 70806

Attn: Mrs. Sandra Dugas Gaspard, Assistant Director, Hazard Mitigation Assistance Division

RE: DR-4590-0006-LA
City of Shreveport – City of Shreveport Emergency Power Critical Facilities
Assistance Listing 97.039 Hazard Mitigation Grant Program

Dear Mr. Thibodeaux:

This letter provides official notification that the Federal Emergency Management Agency (FEMA) approves the application submitted by the City of Shreveport for the City of Shreveport Emergency Power Critical Facilities project. The total project cost is \$3,724,125.00. The Federal share in the amount of \$3,351,712.50, is available through the Hazard Mitigation Grant Program (HMGP) under FEMA-DR-4590-LA. The non-federal match requirement of \$372,412.50 will be provided by the City of Shreveport.

Pursuant to Section 1215 of the Disaster Recovery Reform Act of 2018, which amended Section 324 of the Robert T. Stafford Disaster Relief and Assistance Act, subrecipient Management Costs (MC) in the amount of \$186,206.25 are available to the City of Shreveport at a Federal Cost Share of 100%.

The following is the approved Scope of Work (SOW) for the above-referenced project:

The City of Shreveport will purchase and install two (2) emergency generators at two (2) critical water pumping stations. The generators will operate in Shreveport public works facilities during power outages or reduced power events, ensuring these departments stay operational during any power outages. The generators will assist the pump stations at the existing water and sewer facilities to maintain water distribution system pressure throughout the City during periods of power loss. The project will also include clearing, grubbing and site preparation for installation of the generator, automatic transfer switches, and associated facilities.

Generators that have been approved as components in this project's SOW are listed below.

Generator Site Name	Generator Street Address	Generator Size	Portable / Permanent	Latitude	Longitude
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McNeil Booster Pump Station	142 N. Common St Shreveport, LA 71101	1250 kW	Permanent	32.517960	-93.7588142
Inner Loop Booster Pump Station	9417 Saint Vincent Ave Shreveport, LA 71106	1250 kW	Permanent	32.416823	-93.748056

This project has been determined to be Categorically Excluded (CATEX) in accordance with FEMA Instruction 108-1-1 and Department of Homeland Security (DHS) Instruction 023-01-001-01; CATEX N18 from the need to prepare either an Environmental Impact Statement or Environmental Assessment. No extraordinary circumstances in accordance with DHS Instruction 023-01-001-01 have been identified regarding this action. The applicant must comply with all conditions set forth in the attached Record of Environmental Consideration (REC). Failure to comply with these conditions may jeopardize federal assistance including funding.

Environmental Conditions:

- Unusable equipment, debris and material shall be disposed of in an approved manner and location. In the event significant items (or evidence thereof) are discovered during implementation of the project, applicant shall handle, manage, and dispose of petroleum products, hazardous materials, and toxic waste in accordance with the requirements and to the satisfaction of the governing local, state, and federal agencies.
- Any change to the approved SOW will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state, and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state, and local laws. Failure to obtain all appropriate federal, state, and local environmental permits and clearances may jeopardize federal funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

Technical Conditions:

- The project will comply with the latest edition of codes and standards as required by Federal, State, and Local rules and regulations. The subrecipient must coordinate with the local floodplain administrator to obtain the necessary permits and must comply with any conditions of these permits prior to initiating work (if applicable). All permits and related coordination activities must be retained by the subrecipient. At project closeout, submit

all permits and documentation of coordination to FEMA. Additionally, the subrecipient must acquire all applicable Federal, State, Tribal, and/or Local permits.

The following programmatic condition must be met within 90 days of this award letter or federal funding may be de-obligated.

- Updated Governor's Authorized Representative letter.

FEMA will not establish activity completion timeframes for individual sub awards. The Period of Performance (POP) for DR-4590 is November 3, 2025, 48-months from the close of the application period. It is the responsibility of the Recipient and subrecipient to ensure all approved activities associated with this sub-award are completed by the end of the POP. Any costs incurred prior to the date of this approval or after the POP will be disallowed.

A change to the approved SOW requires prior approval from FEMA. The NEPA stipulates that additions or amendments to a HMGP SOW shall be reviewed by all state and federal agencies participating in the NEPA process. NEPA sign-off for all SOW additions or amendments is essential before the revised SOW can be approved by FEMA or implemented by the HMGP subrecipient.

In accordance with FEMA Policy #104-11-1 Interim Hazard Mitigation Grant Program Management Cost, any MC provided will be obligated in increments sufficient to cover Recipient and subrecipient needs for no more than one year unless contractual agreements require additional funding. Actual subrecipient MC are to be reconciled quarterly during the review of expenditures submitted by the subrecipient through quarterly report process. Subrecipient MC can be expended for a maximum time of 180 days after work is completed for the subaward or the end of the POP, whichever is sooner.

The initial quarterly progress reports for the HMGP project are due at the end of the approving quarter. Please include this HMGP project in your future quarterly reports. Title 44 of the Code of Federal Regulations (44 C.F.R.) § 206.438(c) indicates the State must provide a quarterly progress report to FEMA indicating the status and completion date for each project funded. The report will include any problems or circumstances affecting completion dates, SOW, or project cost that may result in non-compliance with the approved grant conditions.

Pursuant to 2 C.F.R. 200.400 et seq. costs must be adequately documented, necessary and reasonable for the performance of the Federal award and be allocable thereto under these principles except where otherwise authorized by statute. The non-Federal entity is responsible for the efficient and effective administration of the Federal award through the application of sound management practices. The non-Federal entity assumes responsibility for administering Federal funds in a manner consistent with underlying agreements, program objectives, and the terms and conditions of the Federal award. FEMA approval of budget estimates is not determination of the allowability of costs.

Mr. Thibodeaux
January 14, 2025
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In accordance with HMGP rules and policy, we require the submittal of all closeout documentation within 120 days of the project completion, not to exceed POP. Section 206.438(d) of 44 C.F.R. requires the Governors Authority Representative to “certify that reported costs were incurred in the performance of eligible work, that the approved work was completed, and that the mitigation measure is in compliance with the provisions of the FEMA-State Agreement.”

The Obligation Report, REC, and Technical Recommendation Report are included for your records.

If you have any questions regarding the information, please contact Zachariah Ratemo, Grants Management Specialist, Hazard Mitigation Assistance (HMA), at (771) 202-0359 or Zachariah.Ratemo@fema.dhs.gov.

Sincerely,

A handwritten signature in black ink that reads "Amanda Adair". The signature is written in a cursive, flowing style.

FOR Marty Chester
Acting HMA Disaster Branch Chief

Enclosures: Obligation Report
REC
Technical Recommendation Report

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Recipient
4590	6-R	0	6	1	4	LA	Statewide

Subrecipient: Shreveport

Project Title : City of Shreveport Emergency Power Critical Facilities

Subrecipient FIPS Code: 017-70000

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation		
\$3,351,712.50	\$3,351,712.50	\$0.00	\$0.00		

Project Amount	Subrecipient Management Cost Amount	Total Obligation	IFMIS Date	IFMIS Status	FY
\$3,351,712.50	\$186,206.25	\$3,537,918.75	01/14/2025	Accept	2025

Comments

Date: 01/14/2025 User Id: ZRATEMO

Comment: 4590-0006-R - GOHSEP - City of Shreveport Emergency Power Critical Facilities - Total Federal obligation: \$3,537,918.75. Total Project Cost: \$3,724,125.00, Federal Share: \$3,351,712.50, Non-Fed Share: \$372,412.50; SRMC: \$186206.25. LPN cleared 1/13/2025 - funds available for obligation. On the Jan 2025 Spend Plan.

Authorization

Preparer Name: ZACHARIAH RATEMO

Preparation Date: 01/14/2025

HMO Authorization Name: JAMES COOPER

HMO Authorization Date: 01/14/2025

18:50:34

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project HMGP-4590-0006-LA (1)

Title: City of Shreveport Emergency Power Critical Facilities, Caddo Parish

NEPA DETERMINATION

Non Compliant Flag: No	EA Draft Date:	EA Final Date:
EA Public Notice Date:	EA Fonsi	Level: CATEX
EIS Notice of Intent	EIS ROD Date:	

Comment The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is mandated by the U.S. Congress to administer Federal disaster assistance pursuant to the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), PL 93-288, as amended. Section 404 of the Stafford Act authorizes FEMA's Hazard Mitigation Grant Program (HMGP) to provide funds to states and local governments to implement long-term hazard mitigation measures after a major disaster declaration. FEMA is considering providing HMGP funding for the project described herein, in relation to Louisiana Severe Winter Storms (FEMA-4590-DR-LA).

The City of Shreveport (Subrecipient) proposes to purchase and install emergency generators at two (2) sites. The generators would operate in Shreveport public works facilities during power outages or reduced power events, ensuring these departments stay operational during any power outages. The proposed generators would assist at pump stations at the existing water and sewer facilities which are unable to sustain pressure throughout the city without backup power sources. The Subrecipient proposes to install generators at the following sites:

Site 1: City of Shreveport Water & Sewer Potable Water McNeil Booster Station, 142 N. Common St., Shreveport, LA 71101 (GPS: 32.517960, -93.7588142)
 Site 2: City of Shreveport Water & Sewer Potable Water Booster Station, 9417 Saint Vincent Ave, Shreveport, LA 71106 (GPS: 32.416823, -93.748056)

This project has been determined to be Categorically Excluded from the need to prepare either an Environmental Impact Statement or Environmental Assessment in accordance with FEMA Instruction 108-1-1 and DHS Instruction 023-01-001-01; CATEX N18. Particular attention should be given to the project conditions before and during project implementation. Failure to comply with these conditions may jeopardize federal assistance including funding. - bunderw2 - 07/26/2024 16:53:20 GMT

CATEX CATEGORIES

Catex Category Code	Description	Selected
*n18	(*n18) Federal Assistance for Construction or Installation of Structures, Facilities, or Equipment to Ensure Continuity of Operations. Federal assistance for the construction or installation of measures for the purpose of ensuring the continuity of operations during incidents such as emergencies, disasters, flooding, and power outages involving less than one acre of ground disturbance. Examples include the installation of generators, installation of storage tanks of up to 10,000 gallons, installation of pumps, construction of structures to house emergency equipment, and utility line installation. This CATEX covers associated ground disturbing activities, such as trenching, excavation, and vegetation removal of less than one acre, as well as modification of existing structures.	Yes

EXTRAORDINARY

Extraordinary Circumstance Code	Description	Selected ?
	No Extraordinary Circumstances were selected	

ENVIRONMENTAL LAW / EXECUTIVE ORDER

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RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project HMGP-4590-0006-LA (1)

Title: City of Shreveport Emergency Power Critical Facilities, Caddo Parish

Environmental Law/ Executive Order	Status	Description	Comment
Clean Air Act (CAA)	Completed	Project will not result in permanent air emissions - Review concluded	
Coastal Barrier Resources Act (CBRA)	Completed	Project is not on or connected to CBRA Unit or otherwise protected area - Review concluded	
Clean Water Act (CWA)	Completed	Project would not affect any water of the U.S. - Review concluded	
Coastal Zone Management Act (CZMA)	Completed	Project is not located in a coastal zone area and does not affect a coastal zone area - Review concluded	
Executive Order 11988 - Floodplains	Completed	No effect on floodplain/flood levels and project outside floodplain - Review concluded	Per Flood Insurance Rate Map (FIRM) panel numbers 22017C0369H and 22017C0486H, dated 5/19/2014, the project is located outside the 500- year floodplain, special flood hazard area and the activity does not adversely affect floodplain values. - bunderrw2 - 07/26/2024 17:01:05 GMT
Executive Order 11990 - Wetlands	Completed	No effects on wetlands and project outside wetlands - Review concluded	A review of the National Wetland Inventory (NWI) online mapper, accessed on 07/18/2024, for the site indicates that the area is not located within nor does it affect a designated wetland. - bunderrw2 - 07/26/2024 17:01:30 GMT
Executive Order 12898 - Environmental Justice for Low Income and Minority Populations	Completed	Low income or minority population in or near project area	This project has been determined to have no potential to have disproportionately high and adverse human health or environmental effects on minority or low-income populations according to FEMA's EO 12898 Guidance or input from EHP Leadership. FEMA has no further EO 12898 responsibilities with regard to these activities. - bunderrw2 - 07/26/2024 17:02:00 GMT
	Completed	No disproportionately high and adverse impact on low income or minority population - Review concluded	
Endangered Species Act (ESA)	Completed	Listed species and/or designated critical habitat present in areas affected directly or indirectly by the federal action	The scope of work for this project does not require U.S. Fish and Wildlife Service (USFWS) consultation. FEMA notified USFWS of disaster activities on 03/23/2021. - bunderrw2 - 07/26/2024 16:54:23 GMT
	Completed	No effect to species or designated critical habitat (See comments for justification) - Review concluded	

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RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project HMGP-4590-0006-LA (1)

Title: City of Shreveport Emergency Power Critical Facilities, Caddo Parish

Environmental Law/ Executive Order	Status	Description	Comment
Farmland Protection Policy Act (FPPA)	Completed	Project does not affect designated prime or unique farmland - Review concluded	
Migratory Bird Treaty Act (MBTA)	Completed	Project located within a flyway zone	
	Completed	Project does not have potential to take migratory birds - Review concluded	
Magnuson-Stevens Fishery Conservation and Management Act (MSA)	Completed	Project not located in or near Essential Fish Habitat - Review concluded	
National Historic Preservation Act (NHPA)	Completed	Applicable executed Programmatic Agreement. Activity meets Programmatic Allowance (enter date and # in comments) - Review concluded	The scope of work has been reviewed and meets the criteria in Appendix B - Programmatic Allowances, Tier II; Section D (2)(b) of FEMA's Programmatic Agreement (PA) dated March 11, 2024. In accordance with this PA, FEMA is not required to determine the National Register eligibility of properties where work performed meets the Appendix B criteria. Whitney Bayers, Environmental Protection Specialist - bunderw2 - 07/26/2024 16:54:06 GMT
Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA)	Completed	Review concluded	
Wild and Scenic Rivers Act (WSR)	Completed	Project is not along and does not affect Wild and Scenic River - Review concluded	

CONDITIONS

Special Conditions required on implementation of Projects:

Unusable equipment, debris and material shall be disposed of in an approved manner and location. In the event significant items (or evidence thereof) are discovered during implementation of the project, applicant shall handle, manage, and dispose of petroleum products, hazardous materials and toxic waste in accordance to the requirements and to the satisfaction of the governing local, state and federal agencies.

Source of condition: Resource Conservation and Recovery Act, aka Solid Waste Disposal Act (RCRA)

Monitoring Required: No

Standard Conditions:

Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.

RECORD OF ENVIRONMENTAL CONSIDERATION (REC)

Project HMGP-4590-0006-LA (1)

Title: City of Shreveport Emergency Power Critical Facilities, Caddo Parish

This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.

**ADDENDUM A
FLOOD ZONE AND FIRM PANEL INFORMATION
FOR PROJECT SITES COVERED BY THIS REC**

Site #	Address	Latitude, Longitude	FIRM	Effective Date	Zone
1	City of Shreveport Water & Sewer Potable Water McNeil Booster Pump Station, 142 N. Common St., Shreveport, LA 71101	32.517960, - 93.7588142	22017C0369H	5/19/2014	X
2	City of Shreveport Water & Sewer Potable Water Inner Loop Booster Pump Station, 9417 Saint Vincent Ave, Shreveport, LA 71106	32.416823, - 93.748056	22017C0486H	5/19/2014	X

Record of Technical Consideration and Benefit Cost Summary

Project Summary

Program:	HMGP
Project Number:	4590-0006
Sub-Recipient:	City of Shreveport
County or Parish:	Caddo Parish
Project Title:	City of Shreveport Emergency Power Critical Facilities
Project Type:	Generator
Phase:	Un-Phased
Project Budget:	\$ 3,724,125
Issue Date:	11/08/2024

BCA Summary

Analyst:	Applicant
Projected Benefit:	\$ 113,570,110
Projected Cost:	\$ 3,724,125
Total Cost:	\$ 4,194,144
Benefit Cost Ratio:	27.08
Benefit Coast Analysis Tool Used:	Benefit-Cost Calculator V.6.0.
Hazard Type Analysis:	Infrastructure Failure
Property Structure Type	Utility
Type of Service:	Potable Water
Number of Generators:	2
BCA Reanalysis:	No



Analyst:	Applicant
BCA File Name	4590-0006 Shreveport -Gen -BCA - 24-10-17 - 31_ Discount Rate

Objective

The main objective is to review the information submitted by the subrecipient to ensure completeness, adherence to programmatic guidelines and cost allowability and to determine if there are any pre award conditions that should be applied to the project prior to the award of funding. Additionally, the project will be reviewed for post award conditions that will be required for closeout. Project data and information submitted should have enough information to demonstrate the project is sustainable and cost-effective and will be designed to reduce the risk to individuals and property from future natural hazards, while also reducing reliance on federal funding from future disasters

Scope of Work

The City of Shreveport proposes the procurement and installation of 2 permanent 1250 kW diesel generators. The generators will mitigate Booster Pump Stations from power loss due to natural hazards. Generators will be installed with automatic transfer switches and diesel fuel tanks on a concrete pad.

See Table 1 for location coordinates.

The project will be in compliance with latest edition of codes and standards required by Federal, State and Local Rules and regulations.

Table 1: Generator Size/Location

Name	Size	Latitude	Longitude	Flood Zone	Source of Flood Data
McNeil Booster Station, 142 N. Common St., Shreveport, LA 71101	1250kW	32.51811,	-93.75850	X	22017C0369H, effective 5/19/2014
Booster Station, 9417 Saint Vincent Ave, Shreveport, LA 71106	1250kW	32.41686	-93.74809	X	22017C0486H, effective 5/19/2014

Benefit Cost Analysis

A Benefit Cost Analysis (BCA) was completed, the following information was applied:

	Data	Data Used in BCA	Source								
1	Project Useful Life	19 yr.	BCA Toolkit Generator default value								
2	Cost	\$ 4,194,144	Subapplicant								
3	Maintenance Cost	1% of the project cost	Subapplicant - Industry Standard								
4	Number of Customers	61340 Per Station	City Population is 184,021 and City has 3 stations, so each station has population distribution @ 61,340 - Sub Applicant Provided.								
5	Damages Before Mitigation	<table border="0"> <tr> <td>RI</td> <td>I. Days</td> </tr> <tr> <td>5</td> <td>1</td> </tr> <tr> <td>48</td> <td>4</td> </tr> <tr> <td>181</td> <td>7</td> </tr> </table>	RI	I. Days	5	1	48	4	181	7	BCA Toolkit Generator default Recurrence Intervals and Outages based on impacted customer counts
RI	I. Days										
5	1										
48	4										
181	7										
6	Damages After Mitigation	<table border="0"> <tr> <td>RI</td> <td>I. Days</td> </tr> <tr> <td>181</td> <td>1</td> </tr> </table>	RI	I. Days	181	1	BCA Toolkit Generator default Recurrence Intervals and Outages based on impacted customer counts				
RI	I. Days										
181	1										

Conditions

1. Subrecipient must coordinate with the local floodplain administrator to obtain required permits. The subrecipient must comply with any conditions of the permit(s) prior to initiating work. All permits and coordination pertaining to these activities must be retained by the subrecipient. Submit permits and documentation of coordination to FEMA at closeout.
2. Subrecipient must acquire all applicable federal, state, tribal and/or local permits.

NOTE: This is an updated technical recommendation for the record of original recommendation issued on 09/06/2024. The cost has been updated since the original recommendation, so BCA also changed.