



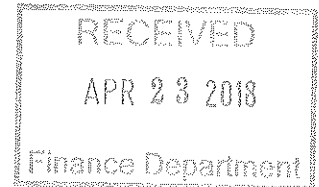
North Carolina Department of Public Safety

Emergency Management

Roy Cooper, Governor
Erik A. Hooks, Secretary

Michael A. Sprayberry, Director

April 18, 2018



Ms. Cheryl Spivey
CFO
Fayetteville, City Of
433 Hay ST
Fayetteville, NC 28301-5537

RE: FEMA – 4285–DR-NC
Applicant ID#: 051-22920-00
PW- 1887(0) for \$1429420

Dear Ms. Cheryl Spivey:

Enclosed is a copy of your supplemental project application package that has been approved by the Federal Emergency Management Agency / Department of Homeland Security under Catalogue of Federal Domestic Assistance (CFDA) number 97.036 for '*Disaster Grants – Public Assistance (Presidentially Declared Disasters)*'. Please note the Project Application Summary lists the approved amounts from the Project Worksheet(s) (PW's) and the allowed administrative costs.

Please provide information concerning insurance settlements as soon as possible when applicable to any of your PW's so that we may expedite funding. Only uninsured losses for eligible work may receive funding. Also, it is necessary to ascertain that there is no duplication of benefits in the funding of the project work. Individual PW's equal to or greater than \$123100 are considered large projects. These PW's will be reimbursed based on actual **documented** expenditures. Prior to completion of any large project, the maximum payment will be 75% of the Obligated Project Cost. The final 25% of the total Obligated Project Cost will be paid following a final inspection. **PW's less than \$123100 will be reimbursed the total Obligated Project Cost upon approval.**

Reimbursement request and summary of documentation forms are enclosed for large projects. These forms must be completed and returned before any large project payments are authorized. Small projects are paid upon obligation after all special considerations have been resolved. Clear and concise backup documentation that justify all costs must accompany these forms. Administrative allocations can be reimbursed per Project Worksheet based on supporting documentation by the applicant.

Pursuant to Title 44 of the Code of Federal Regulations (CFR), Section 13.40, the North Carolina Division of Emergency Management is required to submit progress reports to the Federal Emergency Management Agency for every disaster assistance grant. Accordingly, each disaster assistance applicant (subgrantee) must submit monthly progress reports for all open large project grants to the N.C. Division of Emergency Management.

MAILING ADDRESS:
4236 Mail Service Center
Raleigh NC 27699-4236
www.ncdps.gov
www.readync.org



OFFICE LOCATION:
1636 Gold Star Drive
Raleigh, NC 27607-3371
Telephone: (919) 825-2500
Fax: (919) 825-2685

Ms. Cheryl Spivey
April 18, 2018
Page Two

Enclosed, you will find a sample Progress Report form that you may use to report progress for each open large project. However, you may use any format to report progress for these grants as long as the information contained on the sample form is included. The first Progress Report will be due on the 10th day of the month following receipt of the letter, and subsequent Progress Reports will be due on the 10th day of each month thereafter until project completion. Please refer to the Public Assistance Program and Policy Guide (January 2016), Pages 140-141 for more information regarding progress-reporting requirements.

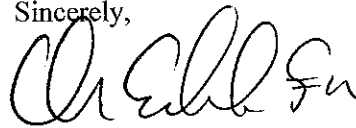
As the applicant, you have the right to appeal through the Grantee (N.C. Emergency Management Public Assistance) within 60 days from the receipt of a notice of an action or decision. Information on appeals is referenced in the "Public Assistance Program and Policy Guide (January 2016)," pp. 139-140, and in CFR §206.606.

You are required to complete work within each PW's approved scope of work. Please comply with all necessary project management procedures to ensure that funds are expended in an appropriate manner.

TYPE OF WORK	WORK COMPLETION DATE
Emergency (Categories A-B)	6 Months
Permanent (Categories C-G)	18 Months

All accounting records should be maintained for three (3) years following closeout of your disaster file. In addition, all projects are subject to audit by the FEMA Office of Inspector General. If you have any questions, please contact Andy Andrews, Grants Manager of North Carolina Division of Emergency Management, Public Assistance office at (919) 825-2561.

Sincerely,



Andrew Innis
Public Assistance Manager

AI/wle

Enclosures

PW-1887(0) for \$1429420

Report Generated on:	04/17/2018 19:49
Data Captured As Of:	04/17/2018 19:49
Disaster Number:	4285
Bundle:	PA-04-NC-4285-PW-01887

Capture Date: 04/17/2018 19:49																									
Federal Emergency Management Agency																									
Project Application Grant Report (P.2)																									
Disaster: FEMA-4285-DR-NC																									
Number of Records: 1																									
Applicant ID: 051-22920-00 Bundle # : PA-04-NC-4285-PW-01887(1885)		Applicant: FAYETTEVILLE																							
PW #	Cat	Cost Share	Projected Completion Date	Approved PW Amount (\$)																					
PA-04-NC-4285-PW-01887(0)	D	N	04-10-2018	1,429,420.00																					
Facility Number:	1																								
Facility Name:	Devonwood Lower Dam																								
	Devonwood Lower Dam (located on McFayden Drive) Fayetteville, North Carolina 28314																								
Location:	GPS: 35.074766, -78.994689																								
Scope of Work:	<p>Work Completed:</p> <p>The applicant utilized WK Dickson to conduct a survey; and a hydrologic and geotechnical analysis, along with an estimate to repair the dam.</p> <p>Work to be Completed:</p> <p>The applicant, in accordance with the City's Procurement Policy, will bid out the project. The applicant will select the company based on low bid, availability to mobilize, and perform the necessary repairs in a timely manner to complete all the work at Devonwood Lower Dam. The repairs will repair the dam to pre-disaster condition and stabilize the downstream slope (3:1) while adhering to current code and standards. All repairs will be monitored and inspected throughout the project by the applicant or a company of their choosing. The applicant, through the engineering assessment and previous dam repairs, have provided the following estimates:</p> <table> <tr> <td>Design Cost:</td> <td>\$229,020.00</td> <td></td> </tr> <tr> <td>Geotech Services:</td> <td>\$50,000.00</td> <td></td> </tr> <tr> <td>Material Testing:</td> <td>\$20,000.00</td> <td></td> </tr> <tr> <td>Project Management/Inspection Services</td> <td></td> <td>\$300,000.00</td> </tr> <tr> <td>Real Estate Service</td> <td>\$25,000.00</td> <td></td> </tr> <tr> <td>Contractor</td> <td>\$763,400.00</td> <td></td> </tr> <tr> <td>TOTAL PROJECT COST:</td> <td>\$1,387,420.00</td> <td></td> </tr> </table> <p>NOTE: Devonwood Lower Dam will be brought up to current codes and standards as required by North Carolina Department of Environment Quality (NCDEQ), The North Carolina Division of Energy Natural Resources (NCDENR), and The North Carolina Division of Energy, Mineral and Land Resources (NCDEMLR). No CEF was completed due to an engineering report being completed by the time this project worksheet was written.</p> <p>PROJECT NOTES:</p> <p>DIRECT ADMINISTRATIVE COSTS: The Sub-grantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of this PA project only and in accordance with 44 CFR §13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other Sub-grantee activities and are not included in any approved indirect cost rates.</p> <p>HAZARD MITIGATION: Mitigation was discussed with the Applicant. No feasible cost effective mitigation opportunities were identified.</p>				Design Cost:	\$229,020.00		Geotech Services:	\$50,000.00		Material Testing:	\$20,000.00		Project Management/Inspection Services		\$300,000.00	Real Estate Service	\$25,000.00		Contractor	\$763,400.00		TOTAL PROJECT COST:	\$1,387,420.00	
Design Cost:	\$229,020.00																								
Geotech Services:	\$50,000.00																								
Material Testing:	\$20,000.00																								
Project Management/Inspection Services		\$300,000.00																							
Real Estate Service	\$25,000.00																								
Contractor	\$763,400.00																								
TOTAL PROJECT COST:	\$1,387,420.00																								

Capture Date: 04/17/2018 19:49

Federal Emergency Management Agency

Project Application Grant Report (P.2)

Disaster: FEMA-4285-DR-NC

Number of Records: 1

PROCUREMENT: The Sub-grantee was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Sub-grantee must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

RECORD RETENTION: As described in 2 CFR 200.33 Sub-grantee must maintain all work-related records for a period of three (3) years from Sub-grantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The Sub-grantee is responsible for obtaining all required permits prior to the commencement of work.

ENVIRONMENTAL AND HISTORIC PRESERVATION: Sub-grantee must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUB-GRANT APPLICATION): The Sub-grantee shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant should immediately notify, North Carolina Division of Emergency Management prior to starting work.

INSURANCE REVIEW: The Sub-grantee is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the Sub-grantee's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain/maintain insurance requirement. The Sub-grantee must comply with insurance reviewer terms and conditions upon receipt of Sub-grant from the State.

1 PW	PWs (\$)	Subgrantee Admin Exp. (\$)	Total (\$)
Amount Eligible (\$)	1,429,420.00	0.00	1,429,420.00
Federal Share (\$)	1,072,065.00	0.00	1,072,065.00

PA-04-NC-4285-PW-01887(0) P	
Applicant Name:	Application Title:
FAYETTEVILLE	4-D0301 Devonwood Lower Dam
Period of Performance Start:	Period of Performance End:
10-10-2016	04-10-2018

Bundle Reference # (Amendment #)	Date Awarded
PA-04-NC-4285-PW-01887(1885)	04-16-2018

Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET

DISASTER	PROJECT NO.	PA ID	DATE	CATEGORY
FEMA 4285 - DR -NC	4-D0301	NO. 051-22920-00	03-08-2018	D
APPLICANT: FAYETTEVILLE			WORK COMPLETE AS OF: 03-08-2018 : 0 %	
Site 1 of 1				
DAMAGED FACILITY: Devonwood Lower Dam			COUNTY: Cumberland	
LOCATION: PA-04-NC-4285-PW-01887(0): Devonwood Lower Dam (located on McFadyen Drive) Fayetteville, North Carolina 28314 GPS: 35.074766, -78.994689 Current Version:			LATITUDE: 35.074766	LONGITUDE: -78.994689
DAMAGE DESCRIPTION AND DIMENSIONS:				
<p>PA-04-NC-4285-PW-01887(0): During the incident period of October 4, 2016 to October 24, 2016, Hurricane Matthew caused widespread torrential rainfall, hurricane force winds, record level tidal action and record breaking flooding throughout the central and eastern North Carolina counties.</p> <p>The Applicant, City of Fayetteville, who owns and maintains for the Devonwood Lower Dam and the road on top. The Devonwood Lower Dam is approximately 400 feet in length and is classified as a small, high hazard dam since it has a total storage of less than 750 acre-feet and has the potential to cause loss of life or serious property damage if breached. Devonwood Lower Dam was inundated with rainfall causing the lake to overtop the dam and caused the embankment other damages on the downstream side.</p> <p>Heavy rains from the event and debris that accumulated on the lake outlet structure caused an overtopping of the dam. Water flowed across the road surface and onto the downstream embankment. The eroded section was approximately 25ft x 25ft x 5ft (3,125 cubic feet = 115.74 cubic yards). Additional embankment slipping occurred in the middle section of the embankment (part of the above area). Some buried utility lines were exposed and a 25 foot section of guardrail support foundations were exposed. The applicant previously provided emergency protective measure (PW PA-04-NC-4285-PW-01284(0)) to stabilize the downstream side of the dam to protect the road and the vehicles that travel across McFadyen Drive. These protective measures will be removed in order to repair the dam.</p> <p>In conjunction with WK Dickson, the applicant did a visual assessment of Devonwood Lower Dam. It was determined that the dam was in a partially-functioning condition and was directed by the State Dam Safety Office that the lake remain drained. The road (McFadyen Drive) over top the dam is currently open and the lake has been drained. No damages were noted to the roadway, guardrail, or curb and gutter at time of inspections. The damages that were noted were limited to the downstream embankment side and consisted of the following:</p>				
1. Downstream embankment erosion scoured out 25'L x 25'W x 5'D= 3,125 CF/27 = 115.74 CY				

2. Toe Drain has been removed

This project worksheet covers the contractor work and estimated cost to repair the dam and its components along making the mandatory codes and standards upgrades.

Current Version:

SCOPE OF WORK:

PA-04-NC-4285-PW-01887(0):

Work Completed:

The applicant utilized WK Dickson to conduct a survey; and a hydrologic and geotechnical analysis, along with an estimate to repair the dam.

Work to be Completed:

The applicant, in accordance with the City's Procurement Policy, will bid out the project. The applicant will select the company based on low bid, availability to mobilize, and perform the necessary repairs in a timely manner to complete all the work at Devonwood Lower Dam. The repairs will repair the dam to pre-disaster condition and stabilize the downstream slope (3:1) while adhering to current code and standards. All repairs will be monitored and inspected throughout the project by the applicant or a company of their choosing. The applicant, through the engineering assessment and previous dam repairs, have provided the following estimates:

Design Cost:	\$229,020.00	
Geotech Services:	\$50,000.00	
Material Testing:	\$20,000.00	
Project Management/Inspection Services		\$300,000.00
Real Estate Service	\$25,000.00	
Contractor	\$763,400.00	
TOTAL PROJECT COST:	\$1,387,420.00	

NOTE: Devonwood Lower Dam will be brought up to current codes and standards as required by North Carolina Department of Environment Quality (NCDEQ), The North Carolina Division of Energy Natural Resources (NCDENR), and The North Carolina Division of Energy, Mineral and Land Resources (NCDEMLR). No CEF was completed due to an engineering report being completed by the time this project worksheet was written.

PROJECT NOTES:

DIRECT ADMINISTRATIVE COSTS: The Sub-grantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of this PA project only and in accordance with 44 CFR §13.22. These costs are treated consistently and uniformly as direct costs in all Federal awards and other Sub-grantee activities and are not included in any approved indirect cost rates.

HAZARD MITIGATION: Mitigation was discussed with the Applicant. No feasible cost effective mitigation opportunities were identified.

PROCUREMENT: The Sub-grantee was advised by FEMA PAC and/or Project Specialist that in the seeking of proposals and letting of contracts for eligible work, the Sub-grantee must comply with its Local, State and/or Federal procurement laws, regulations, and procedures as required by 2 CFR 317-326.

RECORD RETENTION: As described in 2 CFR 200.33 Sub-grantee must maintain all work-related records for a period of three (3) years from Sub-grantee closure (final payment), all records relative this project worksheet are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster specific costs.

PERMITS: Federal Funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds. The Sub-grantee is responsible for obtaining all required permits prior to the commencement of work.

ENVIRONMENTAL AND HISTORIC PRESERVATION: Sub-grantee must comply with all applicable environmental and historic preservation laws. Federal funding is contingent upon acquiring all necessary Federal, State and Local permits. Noncompliance with this requirement may jeopardize the receipt of federal funds.

CHANGES TO SCOPE OF WORK DESCRIBED IN THIS PW/SA (SUB-GRANT APPLICATION): The Sub-grantee shall comply with all applicable codes and standards in the completion of eligible work to repair or replace damaged public facilities. Any change to the approved scope of work on a Project Worksheet (PW/SA) must be reported and approved before work begins. Failure to report changes may jeopardize Federal and State funding. In the case of a change in scope of work, the applicant should immediately notify, North Carolina Division of Emergency Management prior to starting work.

INSURANCE REVIEW: The Sub-grantee is aware that all projects are subject to an insurance review as stated in 44 C.F.R. Sections 206.252 and 206.253. If applicable, an insurance determination will be made either as anticipated proceeds or actual proceeds in accordance with the Sub-grantee's insurance policy which may affect the total amount of the project. Approval of this project may result in an obtain/maintain insurance requirement. The Sub-grantee must comply with insurance reviewer terms and conditions upon receipt of Sub-grant from the State.

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Special Considerations included? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work Completed			
1	9003	Contract Costs	1/LS	\$ 50,000.00	\$ 50,000.00
		Work To Be Completed			
2	9007	Labor	1/LS	\$ 300,000.00	\$ 300,000.00
3	9003	Contract Costs	1/LS	\$ 1,037,420.00	\$ 1,037,420.00
		Direct Subgrantee Admin Cost			
4	9901	Direct Administrative Costs (Subgrantee)	1/LS	\$ 42,000.00	\$ 42,000.00
				TOTAL COST	\$ 1,429,420.00
PREPARED BY CHRISTOPHER H FERGUSON		TITLE Project Specialist	SIGNATURE		
APPLICANT REP. Cheryl Spivey		TITLE Chief Financial Officer	SIGNATURE		